AM/FM Radios
Touch Screen Radio

JOHN DEERE

OPERATOR'S MANUAL

AM/FM and Touch Screen Radios

OMR571098 ISSUE A0 (ENGLISH)

CALIFORNIA

Proposition 65 Warning

Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects, and other reproductive harm.

If this product contains a gasoline engine:

⚠ WARNING

The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

The State of California requires the above two warnings.

Additional Proposition 65 Warnings can be found in this manual.

John Deere Waterloo Works
Worldwide Edition
Printed in U.S.A.

Introduction

Foreword

READ THIS MANUAL carefully to learn how to operate the radio system correctly. This Operator's Manual may be available in other languages (contact your John Deere dealer for ordering).

THIS MANUAL SHOULD BE CONSIDERED a permanent part of your machine and should remain with the machine when you sell it.

RECORD THE PRODUCT IDENTIFICATION NUMBER (P.I.N.) in the space provided in the Specification section. Please record all numbers exactly. In the event of theft, this number may prove vital in tracing your property. Therefore, it is recommended to also record this number elsewhere.

KD34109,0000779-19-26JUN18

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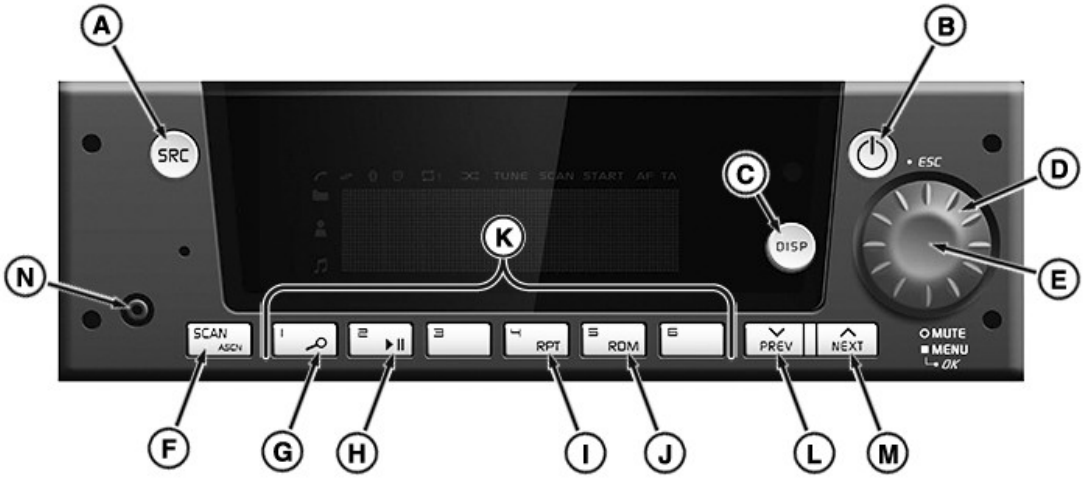
Controls and Instruments



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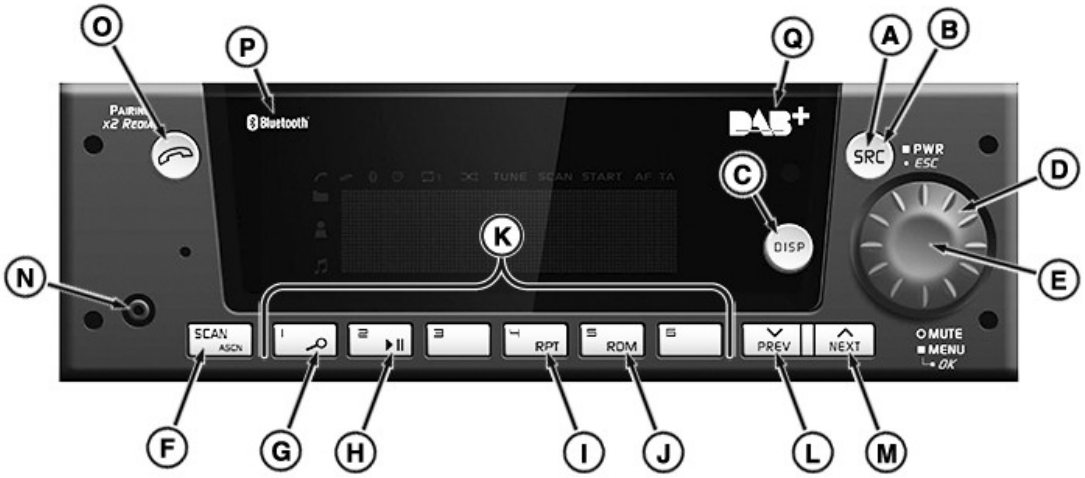
Option 1



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Option 2

Option	AM/FM Radio	Auxiliary	USB	Bluetooth®	DAB+
1	X	X	—	—	—
2	X	X	X	X[a]	X[b]

[a] *Bluetooth® may not be available in all locations.*
[b] *Not available in North America.*

A—SRC - press to change radio source (FM, AM, WX/LW, DAB, USB/iPod®, Front AUX, or Rear AUX). Available sources depend on radio option and location.

B—PWR/ESC:

- **Power** - press to turn on radio. Press and hold to turn off radio.
- **Escape** - in menu, press to exit one level. In Bluetooth®, press to reject or cancel call.

C—DISP:

- **Display Source** - with ignition on, select to change source display.
- **Display Clock** - with ignition off, press to display clock for a few seconds.

D—Volume - turn clockwise to increase volume or counterclockwise to decrease volume.

E—MUTE/MENU/OK:

- **Mute** - short press (less than 2 seconds) to silence volume. Press again to unmute.

- **Menu** - long press (4 seconds or more) to enter menu.
- **OK** - press to make a selection while in menu.

F—SCAN/ASCN:

- **Scan** - short press (less than 2 seconds) to scan stations/tracks. Press again to stop scanning.
- **AutoScan** - long press (4 seconds or more) to store strongest six stations of current band. See Scan and AutoScan in Radio Operation - AM/FM Radios A section of this Operator's Manual.

G—Browse - press to initiate a search for a track on a USB drive.

H—Play/Pause - press to play or pause media.

I—RPT - press to repeat current track. Press again to repeat track list. Press a third time to disable repeat.

J—RDM - press to play tracks in random order. Press again to disable random play.

K—Presets:

- **Select Preset** - press a button with a number (1 through 6) to go to stored station.
- **Store Preset** - press and hold to store a station on selected numbered button (1 through 6). See Presets in Radio Operation - AM/FM Radios A section of this Operator's Manual.

L—PREV:

NOTE: Button configuration for tuner can be changed. See Tuner Configuration in Radio Operation - AM/FM Radios A section of this Operator's Manual.

- **Previous Track/Station** - press to go to previous track/station.
- **Rewind** - press and hold to rewind track.

M—NEXT:

NOTE: Button configuration for tuner can be changed. See Tuner Configuration in Radio Operation - AM/FM Radios A section of this Operator's Manual.

- **Next Track/Station** - press to go to next track/station.
- **Fast-Forward** - press and hold to fast-forward track.

N—Front AUX Input - insert connector for auxiliary (AUX) device. Displays as F AUX in sources only when connected.

O—Phone (Bluetooth® required):

- **Bluetooth® Menu** - without device connected, press to display Bluetooth® menu.
- **Incoming Call** - with device connected, short press (less than 2 seconds) to answer call.
- **Dial Menu** - with device connected, long press (4 seconds or more) to display the dial menu.

P—Bluetooth® - indicates that radio is Bluetooth® ready.

Q—DAB+ - indicates that radio is Digital Audio Broadcasting (DAB+) ready.

KD34109,0000500-19-17JAN20

Intended Use

The radio is designed for operation in a vehicle with a 12-volt on-board system voltage and installation in a 1-DIN slot.

KD34109,0000502-19-17JAN20

Basic Setting for Radio Reception

The radio receiver must be tuned to country-specific wave bands (tuner bands). If no radio stations are available, tuner might not be set to correct region. See Tuner Band Region in Radio Operation - AM/FM Radios A section of this Operator's Manual.

KD34109,0000504-19-17JAN20

Mute Volume

Mute volume using mute button shown in Controls and Instruments in AM/FM Radios A section of this Operator's Manual. Press to mute, then press again to turn off mute. Mute function deactivates when ignition is turned off.

KD34109,0000506-19-17JAN20

Adjust Brightness

1. Press and hold volume knob for 4 seconds or more to display the menu.
2. Turn volume knob until DIMMING is highlighted.
3. Press volume knob to select.
4. Turn volume knob clockwise to increase or counterclockwise to decrease brightness.
5. When desired setting is reached, press volume knob to select.
6. Use ESC or wait about 10 seconds to exit menu.

KD34109,0000507-19-18SEP19

Set Clock

Synchronize Time (Vehicles with CommandCenter™ Only)

If clock is available on the vehicle CAN network, the radio synchronizes the clock.

Set Time Manually

If there is no clock available on the vehicle CAN network, the time can be modified through the radio user menu. After power is disconnected (example: battery or radio), reset clock using this procedure.

1. Press and hold volume knob for 4 seconds or more to display the menu.
2. Turn volume knob until CLOCK SETUP is highlighted.
3. Press volume knob to select.
4. Turn volume knob until SET TIME is highlighted.
5. Press volume knob to select.
6. Turn volume knob clockwise to increase or counterclockwise to decrease hours setting.
7. Press volume knob to go to minutes adjustment.
   - To return to hours setting from minutes, press ESC.
8. Turn volume knob clockwise to increase or counterclockwise to decrease minutes setting.
9. Press volume knob to return to menu.

Set Time Format

The radio can display the clock time in 12-hour or 24-hour format.

1. Press and hold volume knob for 4 seconds or more to display the menu.
2. Turn volume knob until CLOCK SETUP is highlighted.
3. Press volume knob to select.
4. Turn volume knob until FORMAT is highlighted.
5. Press volume knob to select.
6. Turn volume knob until desired 12 HRS or 24 HRS format is highlighted.
7. Press volume knob to return to menu.

Set Clock Visibility

Set clock visibility to:

- ON—always display clock.
- OFF—only display clock when radio is off.

1. Press and hold volume knob for 4 seconds or more to display the menu.
2. Turn volume knob until CLOCK SETUP is highlighted.
3. Press volume knob to select.
4. Turn volume knob until CLOCK VISIBLE is highlighted.
5. Press volume knob to select.
6. Turn volume knob until desired ON or OFF setting is highlighted.
7. Press volume knob to return to menu.

KD34109,0000509-19-18SEP19

External Audio Sources - AM/FM Radios A

Auxiliary and USB Inputs

RXA0165156—UN—14NOV18

Location of ports varies by machine.

Rear Auxiliary Input

Use AUX port (A) to connect auxiliary devices. Displays as R AUX1 in sources.

USB Input

Use USB port (B) to connect USB devices.

Supported USB File Types	
Media Format	**File Type**
Audio	.mp3, .wma, .aac, .m4a, .wav
Playlist	.m3u, .wpl

USB Charging

USB port has charging capability of up to 2.1 A (10 watt) depending on consumer device.

Select Input on Radio

When initially connected to input, radio source automatically changes to connected source. If source is changed while device is still connected, use following procedure to change back.

NOTE: For best performance, do not connect a device through more than one source at the same time.

1. Press SRC button to scroll through sources.
2. When desired source is displayed, press volume knob to select or wait about 2 seconds to exit sources.

KD34109,000050A-19-17JAN20

Tuner Band Region

Tuner Band Region	Countries	
US,CA,MX,CARIB, NI	United States Canada Mexico	Dominican Republic Nicaragua
SOUTH AMERICA	Argentina Bolivia Brazil	Guyana Uruguay Venezuela
EURO,CIS RUSSIA	Austria Belgium Bulgaria Switzerland Czech Republic Germany Denmark Estonia Spain Finland France Great Britain Northern Ireland Croatia Hungary	Italy Kazakhstan Lithuania Luxembourg Latvia Netherlands Poland Portugal Romania Russia Serbia Sweden Slovakia Turkey Ukraine
MID EAST,AFRICA	Armenia Ethiopia Israel	Oman South Africa Zambia
ASIA PACIFIC	China	Korea
TAIWAN	Taiwan	
PHILIPPINES	Philippines	
AU,NZ	Australia	New Zealand
JAPAN	Japan	

Set Tuner Band Region

1. Turn on ignition without starting the engine.
2. Turn off radio.
3. Press and hold 5 button and volume knob simultaneously for 4 seconds or more.
4. Turn volume knob until desired tuner band region is highlighted. See table for tuner band region options.
5. Press volume knob to select.

KD34109,000050D-19-17JAN20

Tuner Configuration

The PREV and NEXT buttons can be set to one of two configurations, Auto or Manual.

- AUTO—short press tunes to next available station. Long press tunes in stations one increment at a time.
- MANUAL—short press tunes in stations one increment at a time. Long press tunes to next available station.

Set Configuration

1. Press and hold volume knob for 4 seconds or more to display the menu.
2. Turn volume knob until TUNER CFG is highlighted.
3. Press volume knob to select.
4. Turn volume knob until desired AUTO or MANUAL setting is highlighted.
5. Press volume knob to return to menu.

KD34109,0000527-19-18SEP19

Select Wave Band

Region	Wave Band			
	FM1/FM2	AM	WX	LW
North America	X		X	—
Europe	X		—	X
Other	X		—	

1. Press SRC button to scroll through sources.
2. When desired source is displayed, press volume knob to select or wait about 2 seconds to exit sources.

KD34109,000050F-19-18JUL19

Presets

Store

1. Locate desired station to store.
2. Press and hold desired preset button (1 through 6) until beep is heard.

Recall

Press desired preset button with stored station.

KD34109,0000510-19-22JUL19

Scan and AutoScan

Scan

Press SCAN button to find strong frequencies. Radio stops on each strong frequency for 8 seconds and then moves to the next. Press SCAN again to stop on desired frequency. If no strong frequency is found in two passes, NO STATION FOUND is displayed and radio returns to initial frequency.

AutoScan

Enable ASCN mode:

Long press (4 seconds or more) ASCN button to store the six strongest frequencies on current band as temporary presets. Radio beeps when scan begins. Frequencies are stored according to the order that they were found and the quality of the frequency. When storing has finished, radio tunes to station stored on preset 1. AS displays while mode is active.

Exit ASCN mode (any of the following):

- Long press ASCN button.
- Press SRC/PWR button.
- Turn off radio.
- Cycle ignition.
- Disconnect battery.

KD34109,0000511-19-17JAN20

USB Storage

Storage Requirements

USB Mass Storage Specifications
MS-Dos Partition Only
Class Specification (USB MSC)
Formats FAT32, FAT16, NTFS, and HFS+ Supported
Hard Disk Drives Playable but Not Supported
No Play Back for Write-Protected Music
MTP Players Not Supported

MP3 File Requirements

Bit Rates	32, 40, 48, 56, 64, 80, 96, 112, 124, 160, 192, 224, 256, 320 kbps for MPEG-1 Audio Layer 3
Sampling Frequencies	32, 44.1, and 48 kHz for MPEG-1 Audio Layer 3
Folder Maximums	Eight Folders, 255 Files/Folder
Supported Playlist Versions	.m3u and .pls

Unprotected WMA File Requirements

Versions	1, 2, 7, 8, 9, and 9.1
Bit Rates	32—320 kbps
Sampling Frequencies	32—48 kHz

KD34109,0000512-19-26AUG19

USB File Playback

Play/Pause Track—press to play or pause current track.

Repeat Track—press RPT button to repeat current track. Repeat icon with 1 displays. Press again to repeat track list. Repeat icon without 1 displays. Press again to disable repeat.

Random Track Play—press RDM button to play tracks in a random order. Random play icon displays when enabled. Press again to disable random play.

Previous Track—press PREV button to go to previous track in list. If current track has been playing longer than 10 seconds, pressing button returns to beginning of track.

Next Track—press NEXT button to go to next track in list.

Rewind Track—press and hold PREV button to rewind through track. Release button to stop rewinding.

Fast-Forward Track—press and hold NEXT button to fast-forward through track. Release button to stop fast-forwarding.

Browse

1. Press browse button.
2. Use volume knob or NEXT/PREV buttons to scroll through selections.
3. Press volume knob to select desired category and corresponding subcategories from the following:
   a. ARTISTS—Select Artist > Select Album > Select Song
   b. ALBUMS—Select Album > Select Song
   c. SONGS—Select Song
   d. GENRES—Select Genre > Select Song
   e. PLAYLISTS—Select Playlist > Select Song
   f. FOLDERS—Select Folder > Select Song

KD34109,0000513-19-20JAN20

Auxiliary (AUX) Devices

An AUX device is connected in one of two places:

- Front AUX—located on radio face and displays as F AUX in sources. Only displays in sources when device is connected.
- Rear AUX—location varies by machine. See Auxiliary and USB Inputs in External Audio Sources - AM/FM Radios A section of this Operator's Manual.

AUX track adjustments are made from connected device. Volume is controlled from radio and connected device.

Select AUX as Source

When initially connected to input, radio source automatically changes to connected source. If source is changed while device is still connected, use following procedure to change back.

NOTE: For best performance, do not connect a device through more than one source at the same time.

1. Press SRC button to scroll through sources.
2. When desired AUX source is displayed, press volume knob to select or wait about 2 seconds to exit sources.

KD34109,0000514-19-17JAN20

Bluetooth® - AM/FM Radios A

Enable/Disable Bluetooth®

A nearby device that has already been paired automatically reconnects when Bluetooth® is enabled. See Pair Bluetooth® Device in this Operator's Manual section.

Enable

1. Turn on radio.
2. Press phone button.
3. Press volume knob to select BT DISABLED.
4. Turn volume knob until ENABLE is highlighted.
5. Press volume knob to select.

When successfully enabled, Bluetooth® icon displays.

Disable

1. Turn on radio.
2. Press phone button.
3. Turn volume knob until BT ENABLED is highlighted.
4. Press volume knob to select.
5. Turn volume knob until DISABLE is highlighted.
6. Press volume knob to select.

When successfully disabled, Bluetooth® icon no longer displays.

KD34109,0000515-19-17JAN20

Pair Bluetooth® Device

1. Enable Bluetooth®. See Enable/Disable Bluetooth® in this Operator's Manual section.
2. Press phone button.
3. Turn volume knob until ADD PHONE is highlighted.
4. Press volume knob to select. Radio directs to start pairing process on phone.
5. Select device name displayed on radio from available Bluetooth® devices on phone.
6. Turn radio volume knob until YES is highlighted.
7. Press volume knob to select.
8. Follow phone instructions for adding a connection. PIN displays on radio.

When phone is successfully paired, radio temporarily displays device name, BT PHONE, and BT AUDIO. An X displays next to BT PHONE and/or BT AUDIO if not available. A check mark displays if available. When radio connects, Bluetooth® icon blinks while downloading contacts. Download may need permission from device.

KD34109,0000516-19-17JAN20

Connect/Disconnect Bluetooth® Device

Bluetooth® must be enabled and device paired before connecting or disconnecting. See Enable/Disable Bluetooth® and Pair Bluetooth® Device in this Operator's Manual section.

Connect Device

1. Press phone button.
2. Turn volume knob until CONNECT PHONE is highlighted.
3. Press volume knob to select.
4. Turn volume knob until desired device is highlighted.
5. Press volume knob to select.

When phone is successfully connected, radio temporarily displays device name, BT PHONE, and BT AUDIO. An X displays next to BT PHONE and/or BT AUDIO if not available. A check mark displays if available. When radio connects, Bluetooth® icon blinks while downloading contacts. Phone icon displays while connected.

Disconnect Connected Device

1. Press phone button.
2. Turn volume knob until DISCONNECT PHONE is highlighted.
3. Press volume knob to select.

When disconnected, phone icon no longer displays.

KD34109,0000517-19-24JUL19

Remove Bluetooth® Device

1. Press phone button.
2. Turn volume knob until DELETE PHONE is highlighted.
3. Press volume knob to select.
4. Turn volume knob to highlight:
   a. A device name to delete one device.
   b. DELETE ALL to delete all devices in list.
5. Press volume knob to select.

Radio temporarily displays PHONE DELETED and phone icon no longer displays.

KD34109,0000518-19-24JUL19

Bluetooth® Hands-Free Call Features

Device must be paired and connected to utilize hands-free features. See Pair Bluetooth® Device and Connect/Disconnect Bluetooth® Device in this Operator's Manual section.

NOTE: Hands-free profile must be available in the device, and in some cases, the action must be accepted by the user.

Dial Menu

Long press (4 seconds or more) phone button to display dial menu.

Redial

Call last number called from connected device.

1. Press and hold phone button for 4 seconds or more to display the menu.
2. Turn volume knob until DIAL REDIAL is highlighted.
3. Press volume knob to select.

Dial Contacts

Call someone in contact list.

1. Press and hold phone button for 4 seconds or more to display the menu.
2. Turn volume knob until DIAL CONTACTS is highlighted.
3. Press volume knob to select.
4. Turn volume knob until desired contact is highlighted.
5. Press volume knob to select.

Last Calls

Call someone from dialed, received, or missed calls. Up to ten calls are stored.

1. Press and hold phone button for 4 seconds or more to display the menu.
2. Turn volume knob until LAST CALLS is highlighted.
3. Press volume knob to select.
4. Turn volume knob to highlight one of the following:
   a. DIALED
   b. RECEIVED
   c. MISSED
5. Press volume knob to select.
6. Turn volume knob until desired contact/phone number is highlighted.
7. Press volume knob to select.

Store Favorites

Up to six phone numbers can be stored as favorites.

1. Locate contact through one of the following previously explained procedures:
   a. DIAL CONTACTS
   b. LAST CALLS
2. Press volume knob to select. All available numbers for contact will display.
3. Turn volume knob until desired phone number is highlighted.
4. Press volume knob to select.
5. Turn volume knob until ADD FAV is highlighted.
6. Press volume knob to select.

PHONE SAVED temporarily displays and contact is added to favorites.

Dial Favorites

Call a contact from favorites list.

1. Press and hold phone button for 4 seconds or more to display the menu.
2. Turn volume knob until FAVORITES is highlighted.
3. Press volume knob to select.
4. Turn volume knob until desired favorite is highlighted.
5. Press volume knob to select.
6. Turn volume knob until DIAL is highlighted.
7. Press volume knob to select.

Contact is called and contact information displays.

Delete Favorites

Delete a contact from favorites list.

1. Press and hold phone button for 4 seconds or more to display the menu.
2. Turn volume knob until FAVORITES is highlighted.
3. Press volume knob to select.
4. Turn volume knob until desired favorite is highlighted.
5. Press volume knob to select.
6. Turn volume knob until DEL FAV is highlighted.
7. Press volume knob to select.

FAVORITE DELETED temporarily displays and contact is deleted from favorites.

Incoming Calls

Incoming calls display name (if available) and phone number of caller. While ringing, ringtone volume can be adjusted using volume knob. Volumes lower than 13 will not be saved for future calls. Volumes above 13 will be saved for future calls.

Accept Call

To accept a call, press any of the following buttons:

- Phone
- Volume knob
- NEXT

Reject Call

To reject a call, press any of the following buttons:

- ESC
- PREV

Calls in Progress

When a hands-free call is in progress, radio displays phone number of caller and elapsed time of call.

End Call

To end a call in progress, press any of the following buttons:

- Phone
- ESC
- PREV

Mute Microphone

To mute a hands-free call in progress, press pause/play button. Press again to unmute.

Transfer Call

To transfer a call in progress to the device, long press (4 seconds or more) phone button. Long press again to transfer back to radio.

KD34109,000052B-19-27JAN20

Bluetooth® Audio

Play music files from connected Bluetooth® device. To utilize this feature, device must support it.

NOTE: For best performance:

- *Feature use is recommended with default player for device.*
- *Do not connect a device through more than one source at the same time.*

Select Bluetooth® as Source

1. Connect device to radio through Bluetooth®. See Connect/Disconnect Bluetooth® Device in this Operator's Manual section.
2. Press SRC button to scroll through sources.
3. When BT AUDIO source is displayed, press volume knob to select or wait about 2 seconds to exit sources.

Bluetooth® File Playback

Play/Pause Track—press to play or pause current track.

Repeat Track—press RPT button to repeat current track. Track repeats until RPT button is pressed again. RPT displays when enabled.

Random Track Play—press RDM button to play tracks in a random order. RDM displays when enabled. Press again to stop random play.

Previous Track—press PREV button to go to previous track in list. If current track has been playing longer than 10 seconds, pressing button returns to beginning of track.

Next Track—press NEXT button to go to next track in list.

Rewind Track—press and hold PREV button to rewind through track. Release button to stop rewinding.

Fast-Forward Track—press and hold NEXT button to fast-forward through track. Release button to stop fast-forwarding.

KD34109,000051A-19-20JAN20

Digital Audio Broadcasting (DAB+) Radio

Select DAB+ as Source

1. Press SRC button to scroll through sources.
2. When desired DAB+ source (DAB1, DAB2, or DAB3) displays, press volume knob to select or wait about 2 seconds to exit sources.

Enable DAB+ Announcements

1. Press and hold volume knob for 4 seconds or more to display the menu.
2. Turn volume knob until RADIO SETUP is highlighted.
3. Press volume knob to select.
4. Turn volume knob until DAB ANNCMNTS is highlighted.
5. Press volume knob to select.
6. Turn volume knob until ON is highlighted.
7. Press volume knob to select.
8. Use ESC or wait about 10 seconds to exit menu.

Select DAB+ Announcement Categories

1. Press and hold volume knob for 4 seconds or more to display the menu.
2. Turn volume knob until RADIO SETUP is highlighted.
3. Press volume knob to select.
4. Turn volume knob until DAB ANNCMNTS CAT is highlighted.
5. Press volume knob to select.
6. Turn volume knob until desired category is highlighted.
7. Press volume knob to select. A check mark displays next to category when selected.
8. Repeat steps six and seven to select additional categories.
9. Use ESC or wait about 10 seconds to exit menu.

KD34109,000051D-19-18SEP19

Regionalisation

Some broadcasters divide their programming into region-specific content. When Regional is enabled, radio system will not switch to alternative frequencies transmitting different programming.

Enable Regional

1. Press and hold volume knob for 4 seconds or more to display the menu.
2. Turn volume knob until RADIO SETUP is highlighted.
3. Press volume knob to select.
4. Turn volume knob until REGIONAL is highlighted.
5. Press volume knob to select.
6. Turn volume knob until ON is highlighted.
7. Press volume knob to select.
8. Use ESC or wait about 10 seconds to exit menu.

KD34109,0000528-19-18SEP19

Traffic Announcements (TA)

Interrupts other outputs for traffic announcements when enabled. If volume is increased during announcement, it will return to pre-announcement volume setting when announcement is over. Announcements can be ignored by pressing SRC/ESC.

Enable Traffic Announcements

1. Press and hold volume knob for 4 seconds or more to display the menu.
2. Turn volume knob until RADIO SETUP is highlighted.
3. Press volume knob to select.
4. Turn volume knob until TRAFFIC ANNCM is highlighted.
5. Press volume knob to select.
6. Turn volume knob until ON is highlighted.
7. Press volume knob to select.
8. Use ESC or wait about 10 seconds to exit menu.

TA displays while enabled.

KD34109,0000529-19-14NOV19

Alternative Frequencies (AF)

Allows receiver to retune to the same station on a different frequency when the first signal becomes too weak.

Enable Alternative Frequency

1. Press and hold volume knob for 4 seconds or more to display the menu.
2. Turn volume knob until RADIO SETUP is highlighted.
3. Press volume knob to select.
4. Turn volume knob until ALT FREQ is highlighted.
5. Press volume knob to select.
6. Turn volume knob until ON is highlighted.
7. Press volume knob to select.
8. Use ESC or wait about 10 seconds to exit menu.

AF displays while enabled.

KD34109,000052A-19-18SEP19

Troubleshooting

Troubleshooting		
Topic	**Problem**	**Solution**
Radio Stations	Unable to tune stations.	You are in a weak signal area. Increase the seek sensitivity.
iPod®	iPod® does not play or there is no sound.	The iPod® has not been recognized. • Verify that the iPod® is supported. • If the iPod® is supported, reset the iPod® and reconnect again.
iPod®	iPod® not functioning.	Out of the operation range. Operation temperature of the iPod® player is -20—85°C (-4—185°F). Allow the vehicle interior temperature to be in human supportable range.
Bluetooth®	Radio does not recognize Bluetooth® enabled device.	Try one or more of the following: • Remove device, then pair and connect device again. • Verify that device is turned on. • Verify that Bluetooth® adapter on radio is enabled. • The device might be out of range. Try moving device closer.
Bluetooth®	The device and radio cannot communicate.	Try one or more of the following: • Verify that correct device is selected. • Device may require passkey to connect. • Check if incorrect passkey was entered or time limit expired for entering passkey. • If the device is close to other devices that use radio frequencies (such as microwave ovens, cordless phones, remote controls for electronics or lighting, or 802.11 wireless networks), those devices might be creating interference. Try moving the device that is not working farther away from other devices.
Bluetooth®	Device music cannot be heard.	Try one or more of the following: • Verify that device is paired and connected. • Verify that BT AUDIO SRC is selected in the source list menu. • Try adjusting radio volume. • Verify that device is not paused. • Verify that device has music files.

KD34109,0000526-19-20JAN20

Specifications - AM/FM Radios A

Specifications

	Radio	
	North America	Global Including Europe
Operating Voltage	9—16 V	
Output	4 x 18 watts (sine at 4 ohms)	
FM Frequency Bands	87.7—107.9 MHz	76.0—108.0 MHz
AM Frequency Bands	530—1710 kHz	520—1710 kHz
FM Frequency Response	30—15 000 Hz	
Operating Temperature	-40 to +70°C	
Required Fuse Protection (on vehicle)	10 A	
Total Harmonic Distortion (THD)	Less Than 10% at Maximum Output	
Bluetooth® Frequency Response	2402—2480 MHz	
Bluetooth® Radiated Power (max)	+4 dBm	

Supported USB and Bluetooth® File Types	
Media Format	**File Type**
Audio	.mp3, .wma, .aac, .m4a, .wav
Playlist	.m3u, .wpl

Supported Bluetooth® 4.0 Profiles
Hands-Free Profile 1.6 (HFP)
Message Access Profile (MAP)
Device Identification Profile (DID)
Advanced Audio Distribution Profile (A2DP)
Audio/Video Remote Control Profile (AVRCP)
Phone Book Access Profile (PBAP)

KD34109,000051E-19-20JAN20

Product Identification Number

Record product identification number in space provided.

_____

Locate Product ID

1. Turn off radio.
2. Hold down buttons 1 and 3 simultaneously for about 10 seconds.

Radio ID displays for about 5 seconds.

KD34109,000051F-19-25JUL19

Advisory Messages

DAB+ Advisory Messages (Global Including Europe)	
Message	**Description/Solution**
Station Not Available	If signal is lost while on a station, station name remains on screen and Station Not Available advisory displays below it.
No Signal	DAB tuner module reports No Signal condition on the display.
Station Currently Unavailable	If the station is currently not available, radio displays Station Currently Unavailable.
No Info	When radio text is not available, radio displays No Info.

KD34109,0000520-19-20JAN20

Federal Communications Commission (FCC) Declaration

This device complies with Part 15 of the FCC Rules and with Innovation, Science, and Economic Development Canada license-exempt RSS standard(s).

Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: Increase the separation between the equipment and receiver. Consult the dealer or an experienced radio technician for help.

KD34109,0000521-19-20JAN20

Federal Communications Commission (FCC) Warning

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Exposure to Radio Frequency Radiation

The radiated output power of this internal wireless radio is far below the FCC radio frequency exposure limits. Nevertheless, the wireless radio shall be used in such a manner that the radio is 20 cm or further from the human body.

KD34109,0000522-19-25JUL19

Declaration of Conformity

Hereby, Aptiv declares that radio equipment types RADIO GP AM/FM and RADIO GP AM/FM DAB are in compliance with Radio Equipment Directive (RED) 2014/53/EU.

The full text of the directive is available at https://www.aptiv.com/automotive-homologation.

Bluetooth® Specifications

Bluetooth® Frequency Response	2402—2480 MHz
Bluetooth® Radiated Power (max)	+4 dBm

KD34109,000057A-19-20JAN20

Eurasian Economic Union

TS1738—UN—26APR16

EAC Marking

This information applies only to products which bear the EAC conformity mark of the Eurasian Economic Union member states.

Manufacturer:
Deere & Company, Moline, Illinois U.S.A.

Name of the authorized representative in the Eurasian Economic Union:
Limited Liability Company
"John Deere Rus"

Address of the authorized representative:
142050, Russia, Moscow region, Domodedovo district, Domodedovo, Beliye Stolbi micro district, vladenye "Warehouse 104", Building 2

For technical support, contact your dealer.

Date of manufacture is denoted by the product marking on or near the serial number plate.

KD34109,0000524-19-04NOV19

Identification Views and Features

LX299208—UN—26APR17

Option 1

LX299207—UN—13JUN17

Option 2

Main features:	Radio	Connection of external devices	USB	Bluetooth®	SiriusXM® Ready
Option 1	X	X	—	—	—
Option 2	X	X	X	X[a]	X[b]

[a]Bluetooth® may not be available in all locations.
[b]Only available for regions where SAT radio is provided. XM radio kit must be installed and service activated to start using SiriusXM® radio. See your John Deere dealer to order kit. Kit is not available for all machines.

KD34109,000077A-19-30SEP19

General Operation - AM/FM Radios B

Controls and Instruments

RXA0170332—UN—05SEP19

Location	Designation	Function
1	Volume Control	
2	BND	Press briefly to select memory level or wave band
		Press and hold to start the “Travelstore” function
	With Bluetooth®, if a phone is currently paired	Answer a call
3	On-off key	Press briefly to switch the radio on
		Press briefly during operation to mute the radio
		Press and hold to switch the radio off
4	Display	Change the display
5	Menu	Calling up the menus for the basic settings
	With Bluetooth®, if a phone is currently paired	Reject or end a call
6	Multi-function rocker switch	Navigate within the display and switch functions
7	AUD key	Press briefly to open the audio menu to set bass, mid-range, and treble tone controls, balance, fade* and loudness
		Press and hold to restore factory sound settings (treble and bass for the currently used audio source only)
8	Radio mode, 1 - 6 key block. . . Playback mode, key 1 . . . . . . Playback mode, key 2 . . . . . . Playback mode, key 3 . . . . . . Playback mode, key 4 . . . . . . Playback mode, key 5	preset station keys pause/play repeat track random (mix tracks) scan tracks turn scrolling track information on display on or off
9a	TA key	Switch back from user and audio menus to current source. Exit the radio scan functions. Switch the priority for traffic announcements on-off. Cancel a traffic announcement while in process (Europe only).
9b	Bluetooth® key	Turn Bluetooth® function on or off
10	SRC Key	Source selection between radio and AUX (depending on model also USB, BT audio, and XM) provided that a device is connected and turned on.
11	Bluetooth® and SiriusXM® Ready (SAT receiver)	branding on the face plate of radio option 2

*Fade is only possible if front as well as rear loudspeakers are connected.

Bluetooth is a trademark of Bluetooth SIG

KD34109,0000780-19-05SEP19

Intended Use

The radio is designed for operation in a vehicle with a 12-volt on-board system voltage and installation in a 1-DIN slot.

KD34109,000077C-19-17JAN20

Basic Setting for Radio Reception

The radio receiver must be tuned to country-specific wave bands (tuner bands). If no radio stations are available, tuner might not be set to correct region. See Setting the Radio Receiver in Radio Operation - AM/FM Radios B section of this Operator's Manual.

KD34109,000077F-19-17JAN20

Turn Radio On/Off

There are several possibilities to turn the radio on or off.

Turn on/off using the on/off key	
Turn on	Press the on/off key
Turn off	Press and hold the on/off key for more than 2 seconds

Turn on/off using the ignition	
Turn on (ignition on)	The radio is turned off automatically when the ignition is turned off. In this case, the radio is also turned on automatically when the ignition is turned on again.
Turn off (ignition off)	

NOTE: The radio can be turned on using the on/off key even when the ignition is off. The radio is then turned off automatically after a preset time to preserve the vehicle battery (see Adjust Turn-Off Time in this section).

Adjust Turn-Off Time (HOUR)

1. Press the **MENU** key to open the menu.
2. Press the **MENU** key several times until **HOUR** and the current time setting is displayed.
3. Turn the volume control counterclockwise or clockwise to adjust the turn-off time from 1 to 60 minutes.
4. Press the **MENU** key several times to exit the menu.

KD34109,0000781-19-17JUL19

Adjusting Brightness of the Radio Illumination (ILLUM)

NOTE: This setting will be used when vehicle automatic brightness adjustment is not available.

Due to the back lighting changes, the ILLUM menu is always available and is used when the CAN bus is not active, for example when the radio is turned on in hour mode.

In case the brightness is not adapted to the instrument lights automatically, this setting can be done manually on the ILLUM menu. To do so, proceed as follows:

1. Press the **MENU** key to open the menu.
2. Press the **MENU** key several times until **ILLUM** and the current setting is displayed.
3. Turn the volume control counterclockwise or clockwise to adjust the brightness from -5 (min.) to +5 (max.).
4. Press the **MENU** key several times to exit the menu.

KD34109,0000782-19-17JUL19

Adjust Volume

The volume can be gradually adjusted from 0 (off) to 32 (max.).

Adjust Volume	
Raise volume	Turn the volume control clockwise
Lower volume	Turn the volume control counterclockwise

NOTE: The radio will not power up with the volume at 0, even if it was powered down with the volume at 0.

KD34109,0000783-19-17JUL19

Muting the Radio (MUTE)

Briefly pressing the on/off key (3) will mute the radio. The audio output is then fully inhibited. Pressing the on/off key again will return the audio output to the last volume setting.

Muting the radio	
Activating the muting function (sound off)	Briefly press the on/off key
Deactivating the muting function (sound on)	Briefly press the on/off key again or turn the volume control either counterclockwise or clockwise

NOTE: The muting function is canceled if the vehicle is restarted. Also if the radio is turned off and back on, even without restarting the vehicle.

KD34109,0000784-19-17JUL19

Turn Confirmation Beep On/Off (BEEP)

After certain actions (e.g. pressing and holding a key) a confirmation beep sounds. This confirmation beep can be turned off.

1. Press the **MENU** key to open the menu.
2. Press the **MENU** key several times until **BEEP** and the current setting **ON** or **OFF** is displayed.
3. Turn the volume control counterclockwise or clockwise to change from ON to OFF or vice versa.
4. Press the **MENU** key several times to exit the menu.

KD34109,0000785-19-17JUL19

Adjust Maximum Volume at Power-On (ONVOL)

The maximum volume when turning on the radio system can be adjusted in the **ONVOL** menu. Basically, the last selected volume is used at power-on unless it is above the setting for the maximum volume at power-on. In this case, the maximum volume setting is used.

NOTE: The maximum volume at power-on can be adjusted from 5 to 25.

1. Press the **MENU** key to open the menu.
2. Press the **MENU** key several times until **ONVOL** and the current setting is displayed.
3. Turn the volume control counterclockwise or clockwise to adjust the maximum volume at power-on from 5 to 25.
4. Press the **MENU** key several times to exit the menu.

KD34109,0000786-19-17JUL19

Adjust Sound

Adjust bass (BASS) and treble (TREB)

1. Press the **AUD** key to open the menu for the sound settings.
2. Press the **AUD** key several times until **BASS** or **TREB** and the current setting is displayed.
3. Turn the volume control counterclockwise or clockwise to adjust the value from +7 to -7.
4. Press the **AUD** key several times to exit the menu.

Adjust middle (MID)

1. Press the **AUD** key to open the menu for the sound settings.
2. Press the **AUD** key several times until **MID** and the current setting is displayed.
3. Turn the volume control counterclockwise or clockwise to adjust the value from +7 to -7.
4. Press the **AUD** key several times to exit the menu.

KD34109,0000787-19-17JUL19

Adjust Left/Right Volume Distribution (BAL)

1. Press the **AUD** key to open the menu for the sound settings.
2. Press the **AUD** key several times until **BAL** and the current setting is displayed.
3. Turn the volume control counterclockwise or clockwise to adjust the value from +10 to -10.
4. Press the **AUD** key several times to exit the menu.

KD34109,0000788-19-17JUL19

Adjust Front/Rear Volume Distribution (FAD)

This adjustment is only available on vehicles with front and rear speakers.

1. Press the **AUD** key to open the menu for the sound settings.
2. Press the **AUD** key several times until **FAD** and the current setting is displayed.
3. Turn the volume control counterclockwise or clockwise to adjust the value from +10 to -10.
4. Press the **AUD** key several times to exit the menu.

KD34109,0000789-19-17JUL19

Turn Loudness On/OFF (LD)

Activating loudness improves the sound. The ratio of low to high tones is changed to obtain an equalized sound even at low volume settings. It is not recommended to turn loudness on at high volume settings.

1. Press the **AUD** key to open the menu for the sound settings.
2. Press the **AUD** key several times until **LD** and the current setting **ON** or **OFF** is displayed.
3. Turn the volume control counterclockwise or clockwise to change from ON to OFF or vice versa.
4. Press the **AUD** key several times to exit the menu.

KD34109,000078A-19-17JUL19

Restore Sound Settings

All sound settings can be restored to the factory settings.

1. Press the **AUD** key to open the menu for the sound settings.
2. Press the **AUD** key several times until **RESET N** is displayed.
3. Turn the volume control clockwise to select **RESET Y**. After approx. 2 seconds all sound settings are reset.
4. Press the **AUD** key several times to exit the menu.

*NOTE: Press and hold the **AUD** key for more than 2 seconds to reset the audio settings only for the audio source currently used.*

KD34109,000078B-19-17JUL19

Set Clock

Synchronize Time (Vehicles with CommandCenter™ Only)

If clock is available on the vehicle CAN network, the radio synchronizes the clock.

1. Turn key switch to IGN.
2. Turn on radio.
3. TIMESET displays.
4. After two seconds, clock displays.
5. Press SRC button to confirm time.

Set Time Manually

If there is no clock available on the vehicle CAN network, the time can be modified through the radio user menu. After power is disconnected (example: battery or radio), reset clock using this procedure.

1. Through the radio user menu – press MENU button until TIMESET displays.
2. TIMESET displays for 2 seconds.
3. Time displays with hour digits flashing.
4. Change value using volume knob.
5. Press left/right rocker button to move cursor to the minute digits. If time format is 12H, radio changes AM/PM automatically.
6. When time is correct, press SRC button to save and return to normal radio functions.

Set Time Format

The radio can display the clock time in 12H or 24H format.

1. Press MENU button until MODE 12H or 24H is displayed.
2. Use volume knob to toggle between 12H and 24H time format.
3. Stay on desired setting for 2 seconds to save.

Set Clock Mode

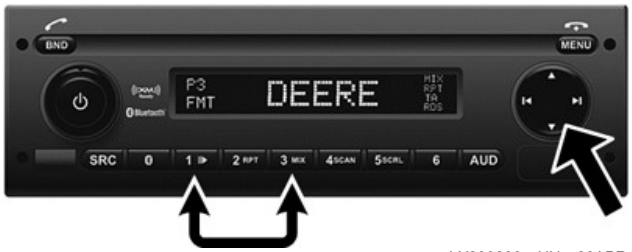
The radio can display the clock time by default (ALWAYS) or on request (TEMP).

- ALWAYS – The time displays on the radio faceplate unless a change in radio information is detected. Radio information displays on change for 5 seconds. Changes that prompt the radio information to display include, source change, channel change, volume change, preset change, and so on.
- TEMP – The time displays when requested by the operator. Press and hold the MENU button for 3 seconds. Time displays for 5 seconds then reverts to displaying radio information.

1. Press the MENU button until CLKMODE displays.
2. CLKMODE displays for 2 seconds.
3. ALWAYS or TEMP displays.
4. Use the volume knob to switch between ALWAYS and TEMP clock mode.
5. Stay on desired setting for 2 seconds to save.

KD34109,0000037-19-17JUL19

Setting the Radio Receiver



LX299206—UN—26APR17

IMPORTANT: The radio receiver must be tuned to country-specific wave bands (tuner bands). Unless the wave bands (tuner bands) are set correctly, it may not be possible to receive any radio stations.

Make the setting:

1. Turn ignition on without starting the engine.
2. Switch radio off.
3. Hold station buttons (1) and (3) pressed down simultaneously.
4. Switch on the radio; display shows “SETUP”.
5. Release station buttons (1) and (3).
6. Press the “**Menu**” key several times until the current wave band is displayed. (e.g. “EUROPE”, “NAFTA”, “SOTHAMRC”, “MESTAFRC”, “APAC”, “TAIWAN”, “PHILIPIN” or “AUSTRLNZ”).
7. The multi-function rocker switch (arrow at far right) can be used to change through the various wave bands. Select the wave band appropriate to the country in which the radio is to be operated (see table).
8. After the correct wave band has been selected, do not make further settings in this menu; instead, switch off the radio to save the changed setting.

Country	Wave band (tuner band)	Country	Wave band (tuner band)
Austria Belgium Bulgaria Switzerland Czech Republic Germany Denmark Estonia Spain Finland France Great Britain Northern Ireland Croatia Hungary Italy Kazakhstan Lithuania Luxembourg Latvia Netherlands Poland Portugal Romania Russia Serbia Sweden Slovakia Turkey Ukraine	EUROPE	Argentina Bolivia Brazil Guyana Nicaragua Uruguay Venezuela	SOTHAMRCA
		Armenia Ethiopia Israel Oman South Africa Zambia	MESTAFRC
		China Japan Korea	APAC
Canada Dominican Republic Mexico United States of America	NAFTA	Australia New Zealand	AUSTRLNZ
Taiwan	TAIWAN	Philippines	PHILIPIN

Problem:	Solution
The set-up menu does not appear on the display. Normal radio mode is active.	Make sure that the two buttons are pressed at the same time while the radio is switched on.
The desired country does not appear in the set-up menu.	This is normal. Only 8 settings appear on the display; each stands for a number of countries. Refer to the table before making the correct selection.
The setting that has been made is not stored.	Radios connected to the CommandCenter by CAN Bus receive the settings automatically via the relevant software. In this case, the setting must be made at the CommandCenter.
The radio display does not show anything.	Check whether the radio is ready to operate. Check if the “DIM function” is set to DIM ON.

KD34109,000078E-19-17JUL19

Station Name

This radio system is equipped with an RDS radio receiver. Many FM stations send a signal that not only contains the program but also other information such as station name and program type (PTY).

The station name is displayed, if received.

KD34109,000078F-19-17JUL19

Start Radio Mode

If the radio system is currently in a different mode:

- Press the **BND** key once or press the **SRC** key several times until **RADIO** is displayed.

The current frequency or station name is displayed.

KD34109,0000790-19-17JUL19

Turn RDS Functions On/Off

The RDS functions extend the performance range of the radio system.

- AF (alternative frequency): When the RDS function is activated, the radio system searches in the background for the best receivable frequency of the selected station.
- REG (region): At certain times, some radio stations divide their program into regional programs with different content. When the REG function is activated, the radio system will not switch to alternative frequencies that are transmitting a different program content.

NOTE: RDS (AF) is turned on as factory setting. REG must be turned on and off separately via the menu. REG can be turned on only when RDS is turned on.

Turn RDS (AF) on or off

1. Select the radio mode (FM frequency band).
2. Press the **MENU** key to open the menu.
3. Press the **MENU** key several times until **RDS** and the current setting **ON** or **OFF** is displayed.
4. Turn the volume control counterclockwise or clockwise to change from ON to OFF or vice versa.
5. Press the **MENU** key several times to exit the menu.

Turn REG on or off

1. Select the radio mode (FM frequency band).
2. Press the **MENU** key to open the menu.
3. Press the **MENU** key several times until **REG** and the current setting **ON** or **OFF** is displayed.
4. Turn the volume control counterclockwise or clockwise to change from ON to OFF or vice versa.
5. Press the **MENU** key several times to exit the menu.

NOTE: When the RDS functions are activated, RDS is displayed.

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Select Wave Band/Memory Level

Programs of different frequency bands can be received with this radio system (see table).

- Three memory levels are available each for the FM wave band.
- Two memory levels are available each for the AM/AMT, MW/MWT and LW/LWT wave bands.
- One memory levels is available for the WX wave band.
- 6 stations can be saved at each memory level.

Press the **BND** key to switch between the wave bands or memory levels.

Region:	Wave bands:				
	FM	**AM**	**WX**	**MW**	**LW**
NAFTA countries	X	X	X		
Europe	X			X	X
Other Regions	X	X			
Memory levels:	FM1, FM2, FMT	AM, AMT	WX	MW, MWT*	LW, LWT*
**EU only*					

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Tuning in to a Station

There are two possible ways to tune in to a station:

- **Automatic** seek, using the ◄ and ► keys.
  Additionally see “Sensitivity of Seek Function” (SENS) in this Section.
- **Manual** station tuning using the ▲ and ▼ keys.

Additionally see “Programming the Key Function (KEY PRG)” in this Section.

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Sensitivity of Seek Function

This function is relevant when turning in to a station.

Automatic seek

Setting sensitivity of seek function (SENS)

1. Select the radio mode.
2. Press the **MENU** key to open the menu.
3. Press the **MENU** key several times until **SENS** and the current setting **LO** (low sensitivity) or **DX** (high sensitivity) is displayed.
4. Turn the volume control counterclockwise or clockwise to change from LO to DX or vice versa.
5. Press the **MENU** key several times to exit the menu.

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Store Station

Region:	Wave bands:				
	FM	AM	WX	MW	LW
NAFTA countries	X	X	X		
Europe	X			X	X
Other Regions	X	X			
Memory levels:	FM1, FM2	AM	WX	MW	LW

Manual storing

1. Select the desired memory level or wave band.
2. Tune desired station.
3. Select one of station keys 1 - 6 for storing the station, then press and hold this key for more than 2 seconds.
4. A confirmation signal sounds as soon as the station has been saved on the selected station key. The storage location (e.g. P3) of the station is displayed as long as this station is selected.

Automatic storing (T-STORE)

NOTE: Not available with CommandCenter™ GS 4600 display. Functionality can change with software updates, ask your authorized dealer.

The strongest 6 stations of the region can be stored automatically. For the FM wave band, FMT memory level is used for storing and for the AM wave band, AMT memory level (additionally MWT and LWT for Europe).

NOTE: Stations already stored on this level are replaced by newly found stations.

If PTY is turned on, only stations with the currently selected program type are stored.

1. Select the desired wave band.
2. Press and hold the **BND** key for more than 2 seconds.
3. Storing starts and **T-STORE** is displayed. After the process is completed, memory locations 1 - 6 are assigned to the stations. This storing is valid only on the memory level on which the storing was performed (FMT or AMT).

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Select Stored Stations

1. Select memory level or wave band.
2. Press station key 1 - 6 to call up one of the stored stations.

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Scan Stored Stations (PRSTSCAN)

With this function, one after the other, all stored stations of the current memory level are played for approx. 5 seconds, each.

Start scanning

1. Press the ◄ or the ► key.
2. **PRSTSCAN** is briefly displayed. Each stored station of the current memory level is played for approx. 5 seconds. At the same time, the selected frequency or station name is displayed.

Stop scanning

1. Press the ◄ or the ► key.
2. Scanning stops and the last station played remains on.

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Scan Wave Band for Available Stations (BANDSCAN)

NOTE: This function is only available if BANDSCAN is selected for the ◄ and ► keys in the KEY PRG menu (see Set Key Function in this section).

Start scanning

1. Press the ◄ or the ► key.
2. **BANDSCAN** is briefly displayed. The current wave band is searched for available stations. Each station found is played for approx. 5 seconds. At the same time, the selected frequency or station name is displayed.

Stop scanning

1. Press the ◄ or the ► key.

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2. Scanning stops and the last station played remains on.

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3. If no station of this program type is found, the previously selected station remains on.

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Program Type (PTY)

Some FM stations are transmitting information on the program type.

Examples of the program types:

- CULTURE
- TRAVEL
- WEATHER
- JAZZ MUSIC
- NEWS
- POP MUSIC

With PTY on, only stations with the selected program type can be tuned. The radio automatically changes from the current station or from another mode to the station of the selected program type.

Turn PTY on/off

1. Select the radio mode.
2. Press the **MENU** key to open the menu.
3. Press the **MENU** key several times until **PTY ON** or **PTY OFF** is displayed.
4. Turn the volume control counterclockwise or clockwise to change from **PTY OFF** to **PTY ON** or vice versa.
5. Press the **MENU** key several times to exit the menu.

Select program type

NOTE: PTY must be turned on.

1. Select the radio mode.
2. Press the **MENU** key to open the menu.
3. Press the **MENU** key several times until **PTYTYPE** is displayed.
4. Turn the volume control counterclockwise or clockwise to select a program type.
5. Press the **MENU** key several times to exit the menu.

Start PTY scan

NOTE: The PTY scan is only available if PTY is turned on and AUTOSEEK or BANDSCAN is selected for the ◄ and ► keys in the KEY PRG menu (see Set Key Function in this section).

1. Press the ◄ or the ► key to start scanning.
2. If a station of the currently selected program type is found, it will be tuned into.

Treble Reduction During Interference (HCUT)

The HCUT function improves the sound when radio reception is poor. If interference with reception is present, the level of the interference noise is automatically reduced.

1. Select the radio mode.
2. Press the **MENU** key to open the menu.
3. Press the **MENU** key several times until **HCUT**, the current setting **OFF**, **1** or **2** is displayed.
4. Turn the volume control counterclockwise or clockwise to adjust or turn off HCUT.
5. Press the **MENU** key several times to exit the menu.

KD34109,000079A-19-17JUL19

Set Key Function (KEY PRG)

A function can be assigned to the ◄ and ► keys.

Functions	Description
AUTOSEEK	Tune to the next available station
MANSEEK	Manually tune one increment at a time
PRSTSCAN	Scan of stations stored on the currently selected memory level
BANDSCAN	Scan available stations in the currently selected band

Set key function

1. Select the radio mode.
2. Press the **MENU** key to open the menu.
3. Press the **MENU** key several times until **KEY PRG** is displayed.
4. Turn the volume control counterclockwise or clockwise to change between the different settings (see table).
5. Press the **MENU** key several times to exit the menu.

KD34109,000079B-19-17JUL19

Traffic Information (Europe Only)

NOTE: The traffic information functions are not available in NAFTA countries.

This function is not available on radio option 2 for North America.

This function is available in the CD and AUX modes only if the FM wave band is selected in radio mode.

Turn Traffic Information Priority On/Off

Press the **TA** key to turn the traffic information priority on or off for all modes.

The traffic information priority is activated if TA or TP is displayed. When a traffic announcement is received, the CD and other outputs are interrupted and the radio system switches to the traffic announcement. TRAFFIC is displayed for the duration of the announcement.

• An acoustic alarm sounds regardless of the playback source when leaving the transmission range of the station broadcasting traffic information and the automatic scan does not find an alternative station with traffic information.

• An acoustic alarm sounds when changing from a station with traffic information to a station without traffic information.

In both cases, either turn off the traffic information priority or tune into a station that broadcasts traffic announcements.

Adjust Traffic Announcement Volume

1. Select the radio mode (FM frequency band).
2. Press the **MENU** key to open the menu.
3. Press the **MENU** key several times until **TA DIFF** and the current setting is displayed.
4. Turn the volume control counterclockwise or clockwise to adjust the value from DIFF 0 to DIFF 10. The numbers represent the volume increase in relation to the selected volume.
5. Press the **MENU** key several times to exit the menu.

NOTE: While a traffic announcement is broadcast, the volume can be adjusted for the duration of the announcement using the volume control.

Cancel Traffic Announcements

Press the **TA** key to cancel an ongoing traffic announcement and return to the previous output source. The traffic information priority remains on.

KD34109,000079C-19-17JUL19

External Audio Sources - AM/FM Radios B

External Sources

Use ports to charge certain external audio sources. Examples of external audio sources include portable CD player, MiniDisc player, or MP3 player.

NOTE: Charging some external audio sources, such as smart phones and tablets, via audio USB port is not supported. Attempting to charge device that is not supported may shut off USB port. Device must be removed and cycle radio power to recover.

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Auxiliary and USB Input (Example)

Activate AUX Input

NOTE: External audio source can only be selected if audio device is connected to external AUX input.

Connect external audio source using Auxiliary Input (A) and press SRC button several times until AUX is displayed on radio.

Activate USB Input

NOTE: USB audio source can only be selected if USB device is connected to external USB input.

Connect USB audio source using USB Input (B) and press SRC button several times until USB is displayed on radio.

USB Charging

USB port has charging capability of 500 mA. Charging capability is weakened when also connected to Bluetooth®.

Adjust AUX Input Volume

Volume for connected external audio source can be adjusted using radio volume knob after input is selected as audio source using SRC button.

1. Press SRC button several times until installed audio source is displayed.
2. Press MENU button. GAIN and current setting is displayed.
3. Turn volume control knob counterclockwise or clockwise to adjust value from -9 to +9.
4. Press the MENU button several times to exit the menu.

Set Up Bluetooth®

Following steps must be performed before Bluetooth® can be used:

NOTE: Bluetooth® connection only relevant to devices/ external audio sources which are Bluetooth® enabled.

NOTE: While pairing Bluetooth® device to radio, pairing process cancels if changes are made to radio (ex: changing source or frequency).

1. Enable Bluetooth® on device.
2. Press MENU button, on radio faceplate until BT MODE displays.
3. Wait 2 seconds until BT ON or BT OFF. Turn volume control knob clockwise or counterclockwise to turn Bluetooth® on or off. Display window may take up to 5 seconds to change.
4. Press MENU button until display shows CON-TYPE. Select connection type phone/audio (default).
5. To pair device, press MENU button until BT Pair displays.
6. Enter pin provided into device.

Pairing process may take up to 5 minutes to complete. Bluetooth® symbol flashes while pairing takes place. When device/external audio source is successfully paired, phone calls and audio streaming can be received and placed via radio system. Device information (contact information, call history, music, and so on) does not transfer to CommandCenter™.

For further instructions on how to pair device/external audio source, select source for connection, and transfer data. See Set Up Bluetooth® in Bluetooth® Operation - AM/FM Radios B section of this Operator's Manual.

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MP3 Operation - AM/FM Radios B

MP3 Operation (General Information)

MP3 and WMA music files can be played back via USB or Bluetooth®. For USB playback, see Connect USB Data Carrier and Start MP3 Mode in this Operator's Manual section. For Bluetooth® playback, see Playback of Audio Files (BT AUDIO) in Bluetooth® Operation - AM/FM Radios B section of this Operator's Manual. Operation of MP3 and WMA file playback is the same.

WMA files with Digital Rights Management (DRM) from online music shops cannot be played back with this radio system.

WMA files can only be played back safely if created with Windows Media Player™, version 8 or later.

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Compile USB Data Carrier

For the radio system to recognize a USB data carrier, it must be specified as mass storage device and formatted in the FAT16 or FAT32 file system. The audio files must be saved in MP3 or WMA format.

A maximum of 5000 tracks (without ID3 tags) can be stored and used on a USB data carrier. The directories and tracks can be selected and played back individually. If audio files with ID3 tags are used, the maximum number of usable tracks is reduced.

It cannot be guaranteed that all USB data carriers available on the market work properly.

KD34109,000079F-19-25JUL19

ID3 Tags

Audio files may contain additional information such as artist, track name, album name (ID3 tags). This radio system can display version 1 and version 2 ID3 tags.

KD34109,00007A0-19-25JUL19

Connect USB Data Carrier and Start MP3 Mode

To be able to connect a USB data carrier (e.g. USB stick or USB drive), the USB cable must be connected to the external USB port (see also the Operator's Manual of the vehicle).

CAUTION: There are known cases of incompatible USB devices. By design, some USB data carriers are not suitable for direct connection to the USB port. To prevent personal injury, USB data carriers should only be used with an additional connection cable.

Connect the USB data carrier to the USB cable. As soon as connected, USB data carrier can be selected by pressing the **SRC 12** key. **USB** is then displayed.

Display elapsed or remaining playing time

Press the **6** key in the key block to change between the display of the elapsed (ELAPSED) and the remaining (REMAIN) playing time of the current track.

Track information display (ID3 Tags)

If the audio files contains ID3 tags, the relevant information is displayed once as scrolling text at the beginning of each track. If the audio file does not contain ID3 tags, only the file name is displayed.

NOTE: See also the relevant description of the PC MP3 software or the burner software to create ID3 tags.

Press the **5** key to display the track information once as scrolling text. The ID3 tags of the current track are displayed once as scrolling text.

NOTE: This function is not available if SCRL is set to OFF. See Scroll Track Information On/Off(SCRL) in this Operator's Manual section.

KD34109,00007A1-19-26AUG19

Scroll Track Information On/Off(SCRL)

1. Select the CD or MP3/WMA mode.
2. Press the **MENU** key to open the menu.
3. Press the **MENU** key several times until **SCRL** and the current setting **OFF** or **ON** is displayed.
4. Turn the volume control counterclockwise or clockwise to turn the scrolling text with track information on or off.
5. Press the **MENU** key several times to exit the menu.
6. If **SCRL OFF** is selected: At the beginning of each track, the track title is displayed/scrolled. Then the track number and time are both displayed for the remaining playing time of the track.

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Playback of MP3 or WMA Files

Select directory	Press the ▲ key or the ▼ key to change up or down to a different directory. This way, sub-directories can also be accessed. Directories of the data carrier that do not contain valid audio files are skipped.
Select track	Press the ► key or the ◄ key to select the next or the previous track. If the current track is already playing for more than 10 seconds, it will be restarted when the ◄ key is pressed once.
Quick scan (audible)	Press the ◄ key or the ► key to start fast-forward or fast reverse playing. Release the key when the desired point is found.
Random playback (MIX ALL) (all tracks on the data carrier)	Press the **3** key in the key block several times until **MIX ALL** is displayed. **MIX** is displayed and all tracks of the **MP3 data carrier** are played back in random order.
Random playback (MIX DIR) (all tracks of the directory or folder)	Press the **3** key in the key block several times until **MIX DIR** is displayed. **MIX** is displayed and all tracks of the **MP3 directory** are played back in random order.
Stop MIX	Press the **3** key in the key block again. **MIX OFF** is briefly displayed, then **MIX** is no longer displayed. Playback will continue normally.
Scan tracks (SCAN TRK) (all tracks on the data carrier)	Play all tracks of the MP3 data carrier in ascending order for approx. 10 seconds each: Press the **4** key in the key block several times until **SCAN TRK** is displayed.
Scan tracks (SCAN FLD) (all tracks of the directory or folder)	Play all tracks of the MP3 directory in ascending order for approx. 10 seconds each: Press the **4** key in the key block several times until **SCAN FLD** is displayed. Stop scan, continue playing track: Press the **4** key in the key block again to stop the scanning process. **SCAN OFF** is briefly displayed. Playing of the current track continues.
Repeating track or directory (RPT TRK) and (RPT DIR)	**Repeate Track:** Press the **2** key in the key block. **RPT TRK** is briefly displayed, then **RPT** is displayed. The current track is repeated until **RPT** is deactivated. **Repeate Directory:** Press the **2** key in the key block. **RPT DIR** is briefly displayed, then **RPT** is displayed. The current directory is repeated until **RPT** is deactivated. **Stop Repeating:** Press the **2** key in the key block again. **RPT OFF** is briefly displayed, then **RPT** is no longer displayed. Playback will continue normally.
Playback tracks from playlist	If a playlist has been compiled and saved in the root directory, it can be played in the PLST mode. Press and hold the **TA** key until **PLST ON** is displayed. Playback of the first track of the playlist is started after 2 seconds. If several playlist are available (all in the root directory), select the desired playlist using the arrow keys ▲ and ▼. If no playlists are stored on the data carrier, **NO PLST** is displayed when the **TA** key is pressed and held. While in PLST mode, it is not possible to access other directories. The PLST mode must be turned off to change directories. Press and hold the **TA** key until **PLST OFF** is displayed. Playback of the first track of the first directory is started after 2 seconds.
Pause playback (PAUSE)	Press the **1** key in the key block. **PAUSE** is displayed. Cancel Pause: Press the **1** key in the key block. Playback will continue.

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Bluetooth® Operation - AM/FM Radios B

Bluetooth® Operation, General Information

NOTE: Bluetooth® may not be available in all locations.

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Bluetooth® Certification Label for Russia

This radio system is equipped with an integrated Bluetooth® module. Using radio communication, Bluetooth® allows for a secure data transfer between the radio system and a paired close-range Bluetooth® device such as a cell phone.

The radio supports the following functions:

- Turn Bluetooth® function on and off manually.
- Permanent link (pairing) between radio system and cell phone.
- Automatic pairing with previously linked cell phone at radio system power-on.
- Download of 252 contacts with 4 phone numbers each from the phone book of the paired cell phone.
- Research of transferred contacts.
- Receive and place calls.
- Play back audio files.

This device complies with Part 15 of the FCC Rules and with RSS-GEN of Industry Canada.

Rules for United States

FCC ID: YBN-JDBASE41

Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications made to this equipment not expressly approved by Robert Bosch Car Multimedia GmbH may void the FCC authorization to operate this equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- *Reorient or relocate the receiving antenna.*
- *Increase the separation between the equipment and receiver.*
- *Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.*
- *Consult the dealer or an experienced radio/TV technician for help.*

Rules for Canada

IC: 9595A-JDBASE41

This device contains licence-exempt transmitter(s)/ receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS (s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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KD34109,00007A4-19-17JAN20

Set Up Bluetooth®

The following steps must be performed before Bluetooth® can be used:

1. Turn Bluetooth® function on
2. Select connection type (phone/audio)
3. Pair radio with cell phone or other Bluetooth® device

As soon as the cell phone has been successfully paired, phone calls can be received and placed via the radio system. Also, MP3 music files stored on the Bluetooth® device can be played back via the radio system.

KD34109,00007A5-19-25JUL19

Turn Bluetooth® On/Off (BT MODE)

The Bluetooth® function can be turned on or off in each mode (radio, CD, USB, AUX, XM). When Bluetooth® is turned on, the corresponding symbol flashes.

NOTE: The Bluetooth® symbol is permanently displayed when Bluetooth® is turned on and a device is paired.

1. Press the **MENU** key to open the menu.
2. Press the **MENU** key several times until **BT MODE** is displayed. Wait for 2 seconds until the current setting **BT OFF** or **BT ON** is displayed.
3. Turn the volume control counterclockwise or clockwise to turn Bluetooth® on or off. After 2 seconds the new setting becomes active and the Bluetooth® symbol starts flashing.
4. Press the **MENU** key to open the **CON-TYPE** or wait a moment to automatically return to the currently selected mode.

KD34109,00007A6-19-25JUL19

Select Connection Type (CON-TYPE) and Pair Devices (BT-PAIR)

Bluetooth® phone and Bluetooth® audio can be used with this radio system. The selection is done in the CON-TYPE menu.

NOTE: CON-TYPE is only displayed when Bluetooth® is turned on (BT ON).

Select connection type (CON-TYPE)

1. Press the **MENU** key to open the menu.
2. Press the **MENU** key several times until **CON-TYPE** is displayed. Wait for 2 seconds until the submenu **BT PHONE** or **BT AUDIO** is displayed.
3. Turn the volume control counterclockwise or clockwise to select **BT PHONE** or **BT AUDIO**.
4. Press the **MENU** key to open the subsequent **BT PAIR** menu or press the **TA** key to cancel.

Pair Bluetooth® devices (BT-PAIR)

1. Press the **MENU** key to open the menu.
2. Press the **MENU** key several times until **BT PAIR** is displayed. Wait for 2 seconds until the submenu **VISIBLE** or **BT AUDIO** is displayed. After 2 more seconds, **PIN XXXX** is displayed (XXXX represents an individual sequence of numbers).
3. On the cell phone enable Bluetooth®, select New Device or BOSCH BT (if already set up) and start the connectivity search. As soon as the cell phone has established the connection, you are prompted to enter the PIN.
4. Now, enter the numbers (XXXX) displayed on the radio into the cell phone and confirm, if required.
5. If pairing was successful, the Bluetooth® symbol and **PAIRED** is displayed; then after 2 seconds **BT JOIN** followed by the contact name of the paired cell phone is displayed.

*NOTE: If pairing was not successful, **NO PAIR** is displayed and the radio system immediately returns to the previous mode. A new pairing attempt can be started.*

7. The contact name is displayed for 10 seconds and then the radio system returns to mode selected prior to the pairing.

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Bluetooth® Device Currently Connected (BT-JOIN)

Up to 5 cell phones can be paired with the radio system. The cell phone connected last is always automatically connected again and displayed in **BT JOIN**. If another already paired cell phone is to be connected, the Bluetooth® function on all other cell phones within range must be turned off first. It is also possible to pair the desired cell phone with the radio system again.

A maximum of 5 devices can be paired with the radio system. If another device is paired, the device that has been stored the longest will be deleted.

KD34109,00007A8-19-25JUL19

Transferring and Accessing Phonebook Data

Transferring Phonebook data:

After successful pairing, up to 252 contacts with 4 phone numbers each are transferred from the connected cell phone to the radio system. The transfer takes place automatically in the background. There is no information on the process. Phone data can be accessed via the radio system as soon as the Bluetooth® symbol stops blinking.

Accessing Phonebook data:

The phonebook data (phone numbers, contact names, etc.) are stored in a list. The list can be displayed by pressing and holding the **SRC** key and then searched by using the arrow keys. Press the **SRC** key again or press the **MENU** key to cancel.

1. Press and hold the **SRC** key for more than 3 seconds to open the list.
2. The first contact is displayed.
3. Press the ► key to go to the next character in the alphabet.
4. Press the ◄ key to go to the previous character in the alphabet.
5. Press the ▼ key to display the next contact.
6. Press the ▲ key to display the previous contact.
7. Press the **MENU** key to close the list.

NOTE: Incoming calls have priority. The list will be closed and the last selected mode will be displayed. Phone information is updated after each phone call.

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Receive and Place Calls

When the radio system is paired with a cell phone, calls can be received and placed.

Answer a call

When a call is coming in, a ring tone sounds and **CALL** is displayed. After 2 seconds the display changes and the contact name or the phone number of the caller is displayed. **PRIVATE NUMBER** will be displayed, if the relevant information is not available.

1. Press the **BND** key to answer the call. (To reject a call, press the **MENU** key.)
2. Use the volume control to adjust the phone volume, if necessary.
3. Press the **MENU** key to end the call.

   CALL END is displayed for 2 seconds and the radio system returns to the currently selected mode.

Place a call

1. Press and hold the **SRC** key for more than 3 seconds to open the contact list.
2. Use the arrow keys to select the desired contact and press the **BND** to establish the connection.
3. Once the connection has been established, **IN CALL** is displayed.
4. Use the volume control to adjust the phone volume, if necessary.
5. Press the **MENU** key to end the call.

   CALL END is displayed for 2 seconds and the radio system returns to the currently selected mode.

MUTE function: If, during conversation, the On/Off key is pressed briefly, speech transmission via the microphone is suppressed (Mute). Pressing the on/off key again reactivates the speech transmission.

NOTE: Incoming calls during an ongoing phone call are announced with a ring tone. After the ring tone has ended, the incoming call is automatically rejected.

KD34109,00007AA-19-25JUL19

Playback of Audio Files (BT AUDIO)

This radio system supports the A2DP[1] Bluetooth® standard. When the cell phone or the audio player also supports A2DP, supported music files can be transferred wireless to the radio system and played back in stereo quality. For playback, **BT AUDIO** connection type must be selected in the **CON-TYPE** menu and then the Bluetooth® device must be paired. After successful pairing, enter the **BT AUDIO** mode using the **SRC** key to listen to the music files.

Pair the device with the radio: See Select Connection Type (CON-TYPE) and Pair Devices (BT-PAIR) in this Operator's Manual section.

After successful pairing:

1. Press the **SRC** key several times until the **BT AUDIO** mode is displayed. Playback of the tracks starts automatically and continues either to the end of a file, a directory or endlessly, depending on the cell phone/ audio player setting. Track information will be displayed as scrolling text, if available and if SCRL is turned on. If no track information is available **TITLE UNKNOWN** is displayed.

NOTE: The audio source is not available until after the Bluetooth® symbol stops flashing on the faceplate.

2. Use the volume control to adjust the playback volume.
3. Press the pause key ❚❚► to pause the playback. Press the pause key again to resume the playback. This function is only available if it is supported by the cell phone/player.

NOTE: The play/pause function as well as the skip track function is only available if supported by the cell phone or player. Fast-forward or reverse is not supported.

[1] A2DP (Advanced Audio Distribution Profile) is a commonly used transfer technology that allows stereo audio signals to be transmitted to a compatible receiver using Bluetooth®.

4. Pressing the on/off button (Mute) briefly interrupts loudspeaker playback during BT audio mode.

NOTE: The volume on the paired device affects the radio's audio output. If the device's volume is turned too low, then you will not hear audio output from the radio.

*NOTE: The telephone function is also active in **BT AUDIO** mode and has priority over the music playback. Therefore, the music playback is paused for the duration of a call.*

KD34109,00007AB-19-17JAN20

SiriusXM® Radio, General Information

Service will automatically renew and bill at then-current rates until you call us at 1-866-635-2349 to cancel. See our Customer Agreement for complete terms at www.siriusxm.com. Other fees and taxes apply. All fees and programming are subject to change. SiriusXM® may include frequent explicit language or mature programming. Call SiriusXM® Listener Care at 1-800-967-2346 and ask about our Family Friendly packages; in Canada call 1-877-438-9677. SiriusXM® satellite service is available only to those at least 18 and older in the 48 contiguous states of the USA and D.C. For more information about program schedules or subscriptions, please visit www.siriusxm.com; in Canada visit www.siriusxm.ca. You may also call to subscribe. USA customers: 1-800-967-2346; Canadian customers: 1-877-438-9677.

NOTE: It is prohibited to copy, decompile, disassemble, reverse engineer, hack, manipulate, or otherwise make available any technology or software incorporated in receivers compatible with the SiriusXM® Satellite Radio System or that support the SiriusXM® website, the Online Service or any of its content. Furthermore, the AMBE® voice compression software included in this product is protected by intellectual property rights including patent rights, copyrights, and trade secrets of Digital Voice Systems, Inc.

Canada: Some deterioration of service may occur in extreme northern latitudes. This is beyond the control of SiriusXM® Satellite Radio.

KD34109,00007AC-19-05SEP19

Display SiriusXM® Serial Number

1. Have a note pad and a pen ready.
2. Press the **SRC** key repeatedly until **XM** is displayed.
3. After 2 seconds, the channel **CHN 0** is displayed.
4. Then **RADIO ID** is displayed. After another 2 seconds, the eight-digit SiriusXM® serial number (similar to 1A2B3C4D) is displayed for 10 seconds.
5. Record the number; this is the code required to subscribe to the satellite radio service.

NOTE: In channel 0, the display alternates between CHN 0 (2 seconds), RADIO ID (2 seconds), and the serial number (10 seconds). This repeats indefinitely as long the operator is on channel 0.

KD34109,00007AD-19-05SEP19

SiriusXM® Radio Mode

NOTE: Only the North America option 2 radios have SiriusXM® available. Radio is only "SiriusXM® Ready", the operator must purchase the SiriusXM® tuner separately from the radio.

This radio system is equipped with an SiriusXM® tuner to receive digital radio stations via satellite (example: SiriusXM® Radio). There are three SiriusXM® bands (XM1, XM2, and XM3 memory levels) with up to six channels each that can be assigned to the six station keys.

Using the CAT function, the channels can be specifically selected according to program types (categories).

NOTE: The satellite radio service is subject to fees and the user must subscribe to it! The serial number of the receiver is required for the subscription. See Display SiriusXM® Serial Number in this Operator's Manual section.

KD34109,00007AE-19-05SEP19

Start SiriusXM® Radio Mode

If the radio system is currently in a different mode:

Press the **SRC** key several times until **XM** and the channel number CHN X is displayed (X represents a number).

KD34109,00007AF-19-05SEP19

Select SiriusXM® Band (Memory Level)

XM1 band is set as factory setting. Press the **BND** key to switch between the memory levels.

The name of the selected SiriusXM® band is displayed in the left lower corner of the display.

KD34109,00007B0-19-05SEP19

Select SiriusXM® Channels

SiriusXM® Channels can be selected by using the left and right arrow buttons ◄ ►. If the category search mode is active, only channels accordingly to the selected category will be available.

- Press the ► key to go to the next channel.
- Press the ◄ key to go to the previous channel.

The number of the selected channel is displayed.

KD34109,00007B1-19-05SEP19

Store SiriusXM® Channels

Storing of the SiriusXM® channels on the station keys is identical to storing analog radio stations.

1. Press the **BND** key and select the relevant XM band.
2. Press the ► or ◄ key to select the desired SiriusXM® channel.
3. Select one of station keys 1 - 6 for storing the SiriusXM® channel, then press and hold this key for more than 2 seconds.

   A confirmation beep indicates that the SiriusXM® channel is now stored on the selected station key.

While a SiriusXM® channel is played, the storage location (e.g. P1) of this SiriusXM® channel is displayed in the left upper corner of the display.

KD34109,00007B2-19-05SEP19

Select Stored SiriusXM® Channels

1. Press the **BND** key and select the relevant XM band.
2. Press the relevant station key 1 - 6 to select the desired SiriusXM® channel.

KD34109,00007B3-19-05SEP19

SiriusXM® Channel Category Mode On/Off (CAT)

1. Press the **SRC** key and change to satellite mode (if XM is not selected yet).
2. Press the **MENU** key several times until **CAT** is displayed.
3. Turn the volume control clockwise or counterclockwise to select **CAT ON** or **CAT OFF**.
4. Press the **MENU** key several times to exit the menu.

KD34109,00007B4-19-05SEP19

Select SiriusXM® Channel Category

The SiriusXM® channel categories (e.g. ROCK, JAZZ, NEWS, etc.) are selected using the ▼ and ▲ arrow keys.

NOTE: CAT must be turned on to be able to select a program type.

- Press the ▲ key to go to the next category.
- Press the ▼ key to go to the previous category.

KD34109,00007B5-19-05SEP19

Set Key Function (KEY PRG)

In the XM radio mode, one of the following functions can be assigned to the ◄ and ► keys:

CHNSEEK: Manual change of SiriusXM® channels in increments

CHNSCAN: Scanning of SiriusXM® channels available in the currently selected XM band

1. Press the **MENU** key several times until **KEY PRG** is displayed.
2. Turn the volume control counterclockwise or clockwise to change from CHNSEEK to CHNSCAN or vice versa.
3. Press the **MENU** key several times to exit the menu.

KD34109,00007B6-19-05SEP19

System Information

Different malfunctions may occur in the XM radio mode; the radio system displays the relevant error messages. See Error Messages and Malfunctions in Specifications - AM/FM Radios B section of this Operator's Manual.

KD34109,00007B7-19-26AUG19

Specifications - AM/FM Radios B

Specifications

	Option 1	Option 2 (EU)	Option 2 for North America
Operating voltage	12 volts		
Output	4 x 20 watts (sine at 4 ohms)		
AUX input	2 x 2.0 volts eff		
FM Frequency Bands (NAFTA Countries)	87.7—107.9 MHz		
AM Frequency Bands (NAFTA Countries)	530—1710 kHz		
WX Frequency Bands (NAFTA Countries)	162.4—162.55 MHz	—	162.4—162.55 MHz
UKW (FM) Frequency Bands (Europe)	87.7—107.9 MHz		
MW Frequency Bands (Europe)	530—1710 kHz		
LW Frequency Bands (Europe)	153—279 kHz		
FM frequency response	30—15 000 Hz		
Bluetooth® frequency band	—	2400—2480 MHz	
Bluetooth® radiated power	—	Bluetooth® < 10 mW	
Bluetooth® hints/restriction	—	Internal Bluetooth® antenna implemented	

Available wave bands (tuner bands):

- EUROPE (Europe)
- NAFTA (North America)
- SOTHAMRC (South America)
- MESTAFRC (Middle East and Africa)
- APAC (Asia/Pacific, without Japan)
- TAIWAN (Taiwan)
- PHILIPIN (Philippines)
- AUSTRLNZ (Australia and New Zealand)

KD34109,00007B8-19-05SEP19

Product Identification Number and SiriusXM® Serial Number

See also Display SiriusXM® Serial Number in SiriusXM® Satellite Reception (for North America only) - AM/FM Radios B section of this Operator's Manual.

Record the numbers here:

Radio Model Name (see identification views): . . . . . _____

Radio Identification Number, See "Display SiriusXM® Serial Number": _____

SiriusXM® Serial Number, See "Display SiriusXM® Serial Number" . . _____

KD34109,00007B9-19-05SEP19

Error Messages and Malfunctions

Error messages during satellite reception (North America only):	
SATUPDAT	Updating of encryption code
NO SIGNL	No signal or signal too weak. This error message is displayed until the signal becomes strong enough.
LOAD SIGNL	Decoding of audio signal not successful; change the channel.
OFF AIR	Selected channel does not broadcast; change the channel.

Error messages during satellite reception (North America only):	
CH UNAVL	Selected channel no longer available; the radio system automatically changes to the previous channel.
XM tuner	external tuner box not communicating with radio. Check fuses, wires and power to the tuner box.
XM antenna	SiriusXM® satellite antenna does not send a signal to the tuner box. Check connections.
— — —	No artist or track information; the message is displayed until the relevant information is received.

Radio and File playback - Malfunctions:	
Radio switches to frequencies on which no station in the region is broadcasting.	The receiver has to be set to the frequency band available in the region. Visit a John Deere™ dealer to get the radio set to the correct frequency band.
AUX audio source not available.	The AUX source is only displayed if an input device is connected to the respective port. In the event of problems, check plugs and cables and switch on the input device.
Speech sound quality bad when using a Bluetooth® hands-free unit.	Make sure the air louvers are not directing the air of the fan towards the microphone. Battery power of the phone too low, connect charger cable. Increase the volume of the Bluetooth® device. Enable the equalizer of the Bluetooth® device (if equipped with).
Message BLOCKED	No audio playback possible. The radio has been locked to prevent unauthorized use (“anti-theft” is active). Visit a John Deere™ dealer to get the radio unlocked.
Message DEF ERR	Problem with the USB device. Incorrect file format. USB device not compatible

KD34109,00007BA-19-05SEP19

Mexico Bluetooth® Information

Para Mexico
Marca: BOSCH
Modelo: JOHN DEERE BASE 4

NOM-121-SCT1-2009

La operación de este equipo está sujeta a las siguientes dos condiciones:
(1) es posible que este equipo o dispositivo no cause interferencia perjudicial y
(2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

RXA0144764—UN—28AUG14
KD34109,0000039-19-25JUL19

Declaration of Conformity

Robert Bosch Car Multimedia GmbH hereby declares that the radio equipment types as listed below, are in compliance with directive 2014/53/EU (Annex VII).

- John Deere Base 1 US (Radio Option 1)
- John Deere Base 3 US/EU (Radio Option 1)
- John Deere Base 4 EU (Radio Option 2 EU)

- John Deere Base 4 US (Radio Option 2 for North America)
- John Deere Base 5 (Radio Option 2 US)

The full text of the EU declaration of conformity is available on the internet address:

http://cert.bosch-carmultimedia.net

Full text of 2014/53/EU for relevant country:	
Country	**Directive**
Estonia	2014/53/EL
Lithuania Latvia	2014/53/ES
Austria Czech Republic Germany Denmark Finland United Kingdom Croatia Hungary Ireland Netherlands Sweden Slovakia	2014/53/EU
Belgium Spain France Italy Luxembourg Malta Poland Portugal Romania	2014/53/UE
Cyprus Greece	2014/53/EE
Bulgaria	2014/53/EC

Bluetooth® Specifications

Frequency band	2400—2480 Mhz
Radiated power (EIRP)	Bluetooth® < 10 mW
Hints/Restriction	Internal Bluetooth® antenna implemented

KD34109,00007BB-19-04NOV19

Eurasian Economic Union

TS1738—UN—26APR16

EAC Marking

This information applies only to products which bear the EAC conformity mark of the Eurasian Economic Union member states.

Manufacturer:
Deere & Company, Moline, Illinois U.S.A.

Name of the authorized representative in the Eurasian Economic Union:
Limited Liability Company
“John Deere Rus”

Address of the authorized representative:
142050, Russia, Moscow region, Domodedovo district, Domodedovo, Beliye Stolbi micro district, vladenye “Warehouse 104”, Building 2

For technical support, contact your dealer.

Date of manufacture is denoted by the product marking on or near the serial number plate.

KD34109,00007BC-19-17JUL19

Bluetooth is a trademark of Bluetooth SIG

Touch Screen Radio

Controls and Instruments

RXA0164285—UN—24AUG18

A—Display: 6.5 inch Capacitive Touch Screen.
B—Home Page: Press to display home page.
C—Power/Mute: Press to power on, press and hold to power off, and press to mute when powered on. During media play back, pauses when muting and plays when unmuting.
D—Volume: Turn clockwise to increase volume or counterclockwise to decrease volume.
E—Camera Display: Press to display camera image if connected.
F—Previous/Rewind: Press to go to previous available station/file. Press and hold to rewind file.
G—Next/Forward: Press to go to next available station/file. Press and hold to fast-forward file.
H—Projection Mode: Press to move between current page and Apple CarPlay®.
I—Select: Press to make a selection.
J—Scroll: Turn clockwise to move down in list or counterclockwise to move up in list.
K—Push-To-Talk (PTT): Press to use voice commands.

KD34109,00007C0-19-17JAN20

General Operation – Touch Screen Radio

Intended Use

The radio is designed for operation in a vehicle with a 12-volt on-board system voltage and installation in a 1-DIN slot.

KD34109,0000819-19-17JAN20

Basic Setting for Radio Reception

The radio receiver must be tuned to country-specific wave bands (tuner bands). If no radio stations are available, tuner might not be set to correct region. See Tuner Band Region in Dealer Settings – Touch Screen Radio section of this Operator's Manual.

KD34109,000081C-19-17JAN20

Functions Prohibited While Machine in Motion

When operating above a fixed speed, 11 km/h (6.8 mph):

- Keyboard—Character input (Example: media search, contact search) is not allowed through onscreen interface.
- Keypad—Phone number input is not allowed through HMI. If a call is active, then phone number input is allowed.
- Keypad—Number input (Direct Tune station in SXM) is not allowed through User Interface.
- Phone pairing is not allowed.
- Video playback via MP4/USB is locked out.

KD34109,00007C6-19-20JAN20

Turn Radio On-Off

Turn radio on-off using power button shown in Controls and Instruments in Touch Screen Radio section of this Operator's Manual. Press to turn on radio. Press and hold to turn off radio.

When radio is turned off while vehicle has power, clock displays on radio.

When turning off radio using vehicle ignition, radio automatically turns on when ignition is turned on.

Retained Accessory Power Mode

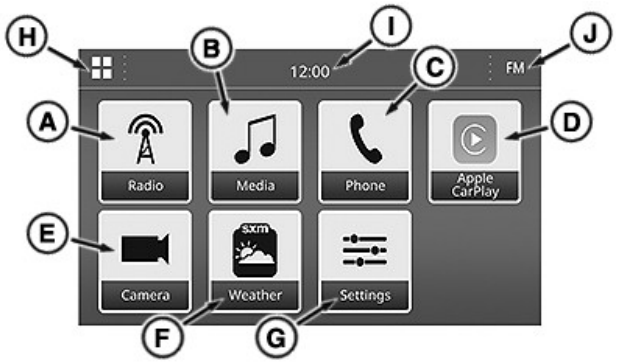
When key is off and radio power button is pressed, radio AM/FM tuner can be locally powered for a timed duration.

Functions not available in this mode, include but are not limited to:

- Subwoofer
- Apple CarPlay®
- USB Playback
- USB Charging
- Microphone

KD34109,00007C7-19-16APR19

Home Page



RXA0164961—UN—19NOV18

A—Radio: Accesses Radio page.

B—Media: Accesses Media page.

C—Phone: Accesses Phone page.

D—Apple CarPlay® (If Connected): Accesses CarPlay® page.

E—Camera (If Equipped): Accesses Camera page.

F—Weather: Accesses SiriusXM® Weather page.

G—Settings: Accesses Settings page.

H—Home: Accesses home page. Home page is also accessed using home page button shown in Controls and Instruments in Touch Screen Radio section of this Operator's Manual.

I—Time: Displays time provided by CAN bus or set on radio.

J—Currently Playing: Displays source of what is playing or paused. If selected, expands to display additional information for what is playing or paused. Select again to minimize.

KD34109,00007C8-19-09AUG19

Adjust and Mute Volume

Increase/Decrease Volume

Adjust volume using volume knob shown in Controls and Instruments in Touch Screen Radio section of this Operator's Manual. Turn knob clockwise to increase or counterclockwise to decrease volume. Adjustment range is 0 to 38.

Mute Volume

Mute volume using power/mute button shown in Controls and Instruments in Touch Screen Radio

section of this Operator's Manual. Press to mute, then press again to turn off mute. Mute function deactivates when ignition is turned off.

KD34109,00007C9-19-17JAN20

Push-To-Talk (PTT)

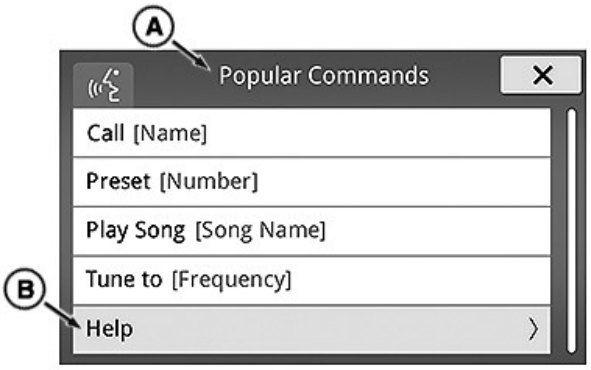
Activate Voice Recognition (VR) using Push-To-Talk (PTT) button shown in Controls and Instruments in Touch Screen Radio section of this Operator's Manual. PTT button allows operator to perform various functions depending on radio state and length of button press. To adjust volume for VR prompts, see Speech/VR Volume in Settings-Sound – Touch Screen Radio section of this Operator's Manual.

Current State of Radio	Apple CarPlay® Not Running	
	Short Press (less than 2 seconds)	Long Press (4 seconds or more)
Idle	Start Native[a] VR Session	
Idle (Phone Connected Through Bluetooth®)	Start Native[a] VR Session	Start Device VR (Siri® or other phone voice assistant)
Incoming Phone Call	Accept Phone Call	—
Active Phone Call	Start Native[a] VR Session	—
Listening for Command	—	Abort Native[a] VR Session
Processing Command	—	
Playing Voice Prompt	Interrupt Voice Prompt	

[a] *VR is running through radio.*

Current State of Radio	Apple CarPlay® Running
	Short or Long Press
Idle	Talk to Siri®
Incoming Phone Call	Accept Phone Call (When Released)
Active Phone Call	—
Active VR Session	Ends VR Session

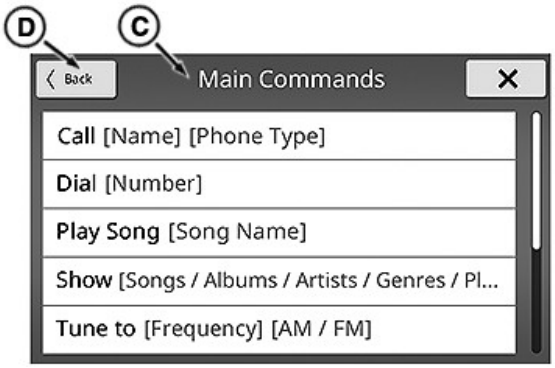
Popular Commands List



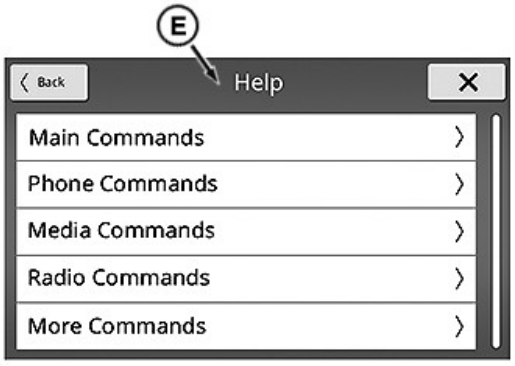
RXA0165014—UN—01NOV18

If enabled, a list of Popular Commands (A) displays when a native VR session is started. To enable/disable this feature, see VR Help Screen in Settings-General – Touch Screen Radio section of this Operator's Manual. If additional assistance is needed, select Help (B).

Help



RXA0165015—UN—01NOV18



RXA0165016—UN—01NOV18

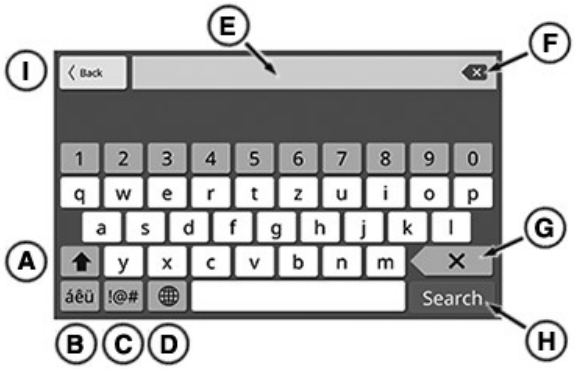
When Help is selected from the list of popular commands, a Main Commands list (C) displays. Select an entry from the list to hear explanation of how to use that command. If desired command is not in list, select Back (D) to access Help main page (E). Additional lists of commands are accessible from Help main page.

KD34109,00007CA-19-20JAN20

Keyboard

Use keyboard to enter search information.

Type search information using number, letter, symbol, and accent keys.



RXA0165888—UN—19DEC18

Change keyboard display using one of the following:

Upper Case (A) — Select to change letters to upper case.

Accent Letters (B) — Select to display accent letter keys.

Symbols (C) — Select to display symbol keys.

Keyboard Layout (D) — Select to change keyboard layout. Select once to change to QWERTZ or twice to change to AZERTY. Selecting a third time changes back to QWERTY.

Select backspace (G) to remove the character before the cursor or clear (F) to clear all entered information.

When desired information has been entered into input box (E), select Search (H).

To go to previous page, select Back (I).

KD34109,0000009-19-20JAN20

Update Software

Navigate to Software Updates

Use the following path to access the most recent radio software update:

Deere.com > Parts & Service > StellarSupport™ > Software Updates

Download and Unzip File

Updates must be saved from an internet connected computer to a USB drive (with at least 4 GB of available space) in order to install on radio.

1. Download zip file to root of USB drive.
2. Unzip file to the same location. A folder named Update will appear.

Install Update

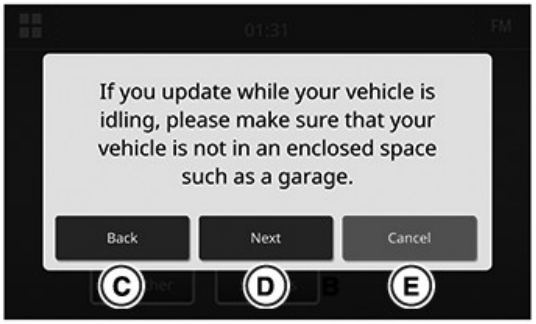
IMPORTANT: Ensure vehicle is in PARK, key is on, and power is not interrupted during update installation.

Insert USB drive with update folder into USB port. For USB port information, see Auxiliary and USB Inputs in External Audio Sources – Touch Screen Radio section of this Operator's Manual.

If file is saved correctly on USB drive, a page will display to begin installation process.

RXA0166016—UN—15JAN19

1. Read displayed information and select one of the following:
   a. Next (A) to continue to next update page. The next update page displays. Go to step 2.
   b. Cancel (B) to stop update process.



RXA0166017—UN—15JAN19

2. Read displayed information and select one of the following:
   a. Back (C) to return to previous page.
   b. Next (D) to continue to next update page. The next update page displays. Go to step 3.
   c. Cancel (E) to stop update process.

RXA0166018—UN—15JAN19

3. Read displayed information and select one of the following:
   a. Back (F) to return to previous page.
   b. Install Now (G) to start update installation.
   c. Cancel (H) to stop update process.

After selecting Install Now, the radio will restart and begin installing update. Progress of update displays throughout process. When installation is complete, radio restarts again.

KD34109,0000007-19-17JAN20

External Audio Sources – Touch Screen Radio

Auxiliary and USB Inputs

RXA0165156—UN—14NOV18

Location of ports varies by machine.

Auxiliary Input

Use AUX port (A) to connect auxiliary devices.

USB Input

Use USB port (B) to connect USB devices.

Supported USB File Types	
Media Format	**File Type**
Audio	.mp3, .wma, .aac, .m4a, .wav
Video[a]	.wmv, .flv, .mp4, .avi
Playlist	.pls, .m3u, .wpl

[a] *Encoded with H.264/MPEG-4 AVC video compression format.*

USB Charging

USB port has charging capability of up to 2.4 A (12 watt) depending on consumer device.

KD34109,00007D8-19-20JAN20

Microphone

RXA0167466—UN—12APR19

Microphone

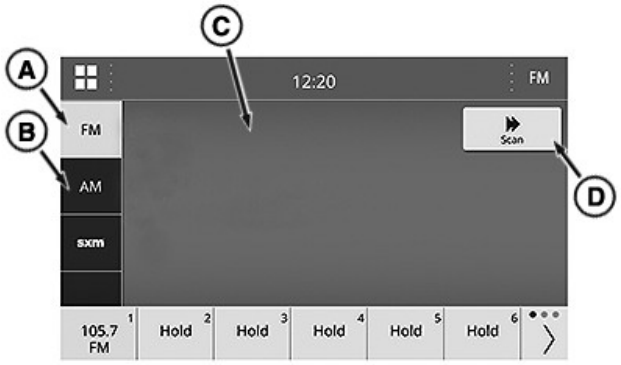
Microphone, used for phone and voice recognition (VR), is mounted on the inside roof of cab. To adjust microphone volume, see Microphone Volume in Settings-Sound – Touch Screen Radio section of this Operator's Manual.

KD34109,00007D9-19-11APR19

FM and AM Pages (North America)

Use FM and AM Radio pages to listen to radio stations within range.

Search for a station:



RXA0165038—UN—02NOV18

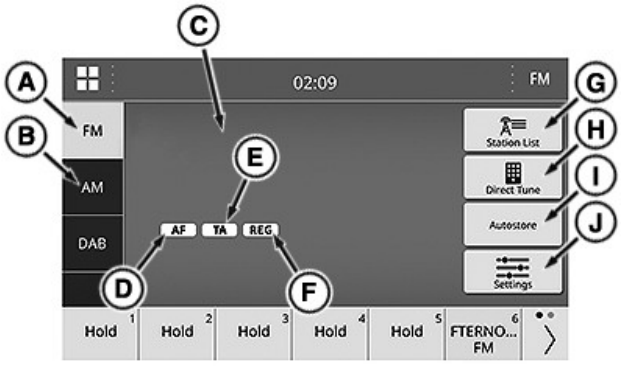
1. Select desired FM (A) or AM (B) wave band tab. Selected tab becomes yellow.
2. Select Scan (D) to find available stations. Scan key becomes yellow while performing scan. Each station detected plays for seven seconds before moving to the next.
3. Select Scan key again when desired station is located.

Information related to station and what is currently playing displays on left-hand side of page (C).

KD34109,00007CB-19-22FEB19

FM and AM Pages (Global Including Europe)

Use FM and AM Radio pages to listen to radio stations within range.

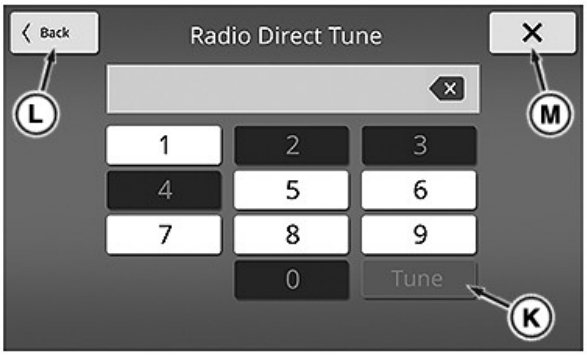


RXA0165039—UN—02NOV18

Search for a station on the FM (A) and AM (B) wave band tabs. Enter an exact frequency using Direct Tune (H) or select from a Station List (G). Information related to station and what is currently playing displays on left-hand side of page (C).

Direct Tune

1. Select desired FM (A) or AM (B) wave band tab. Selected tab becomes yellow.
2. Select Direct Tune (H). A number pad displays to enter frequency of desired station. Only numbers from available frequencies are available and display white.
3. Enter desired frequency.



RXA0165042—UN—05NOV18

4. Select Tune key (K) to bring up entered frequency. Tune key only becomes available if entered frequency is available.

To cancel, select Back (L) or X (M).

Station List

1. Select desired FM (A) or AM (B) wave band tab. Selected tab becomes yellow.
2. Select Station List (G).
3. Select desired tab:
   a. All to display a list of all available stations. Go to step 5.
   b. Genres to display a list of available genres. Go to step 4.
4. Select desired genre.
5. Select desired station.

Other features available on radio page:

Autostore

Autostore (I) is used to set a new group of station presets when traveling and is primarily used for European tuners supporting Radio Data System (RDS). For preset storing procedure, see Presets in this Operator's Manual section.

1. Select desired FM (A) or AM (B) wave band tab. Selected tab becomes yellow.
2. Select Autostore and hold for approximately 2 seconds. Autostore becomes yellow when process begins.

When Autostore is initiated, radio will search for strongest stations in selected band. When programming

mode is complete, new presets will overlay old presets and radio will play station active at start of Autostore mode. New presets will be stored in ascending numerical order.

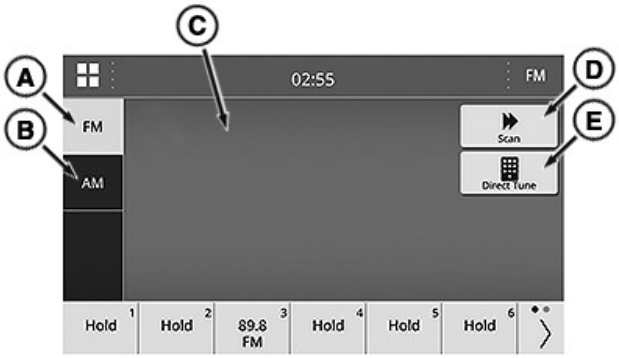
Settings

Settings (J) allows adjustment of Radio Data System (RDS) settings from the FM tab. Indicators (D), (E), and (F) display based on settings. See FM Settings (Global Including Europe) in this Operator's Manual Section.

KD34109,00007CC-19-27MAR19

FM and AM Pages (Japan)

Use FM and AM Radio pages to listen to radio stations within range.



RXA0165040—UN—02NOV18

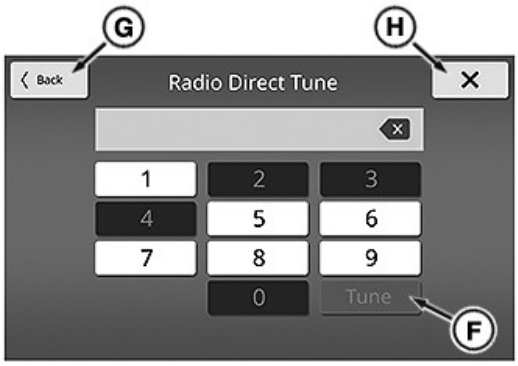
Search for a station on the FM (A) and AM (B) wave band tabs. Scan (D) for available stations or enter an exact frequency using Direct Tune (E). Information related to station and what is currently playing displays on left-hand side of page (C).

Scan

1. Select desired FM (A) or AM (B) wave band tab. Selected tab becomes yellow.
2. Select Scan (D) to find available stations. Scan key becomes yellow while performing scan. Each station detected plays for seven seconds before moving to the next.
3. Select Scan key again when desired station is located.

Direct Tune

1. Select desired FM (A) or AM (B) wave band tab. Selected tab becomes yellow.
2. Select Direct Tune (E). A number pad displays to enter frequency of desired station. Only numbers from available frequencies are available and display white.
3. Enter desired frequency.



RXA0165041—UN—02NOV18

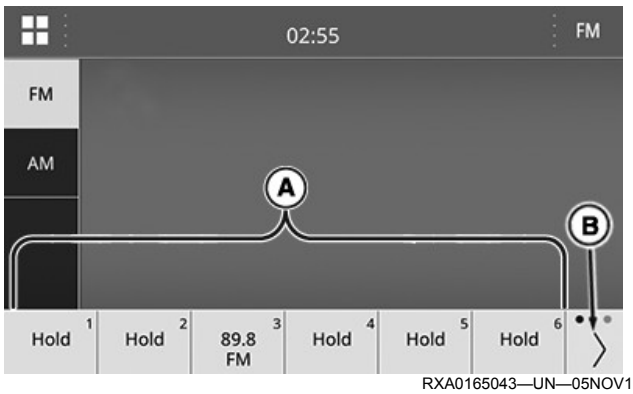
4. Select Tune key (F) to bring up entered frequency. Tune key only becomes available if entered frequency is available.

To cancel, select Back (G) or X (H).

KD34109,00007CF-19-27MAR19

Presets

Presets are available to store favorite stations for easy recall.



RXA0165043—UN—05NOV18

Six presets (A) display at any one time. To view additional presets, select arrow key (B). Keys displaying the word Hold do not have a station stored.

Store

1. Locate desired station to store.
2. Select and hold any desired preset key for two seconds. Station information displays on key when successfully stored.

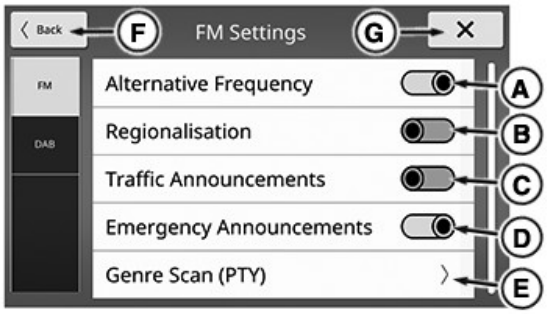
Recall

Select desired key with stored station. Key becomes yellow when selected.

KD34109,00007D0-19-22FEB19

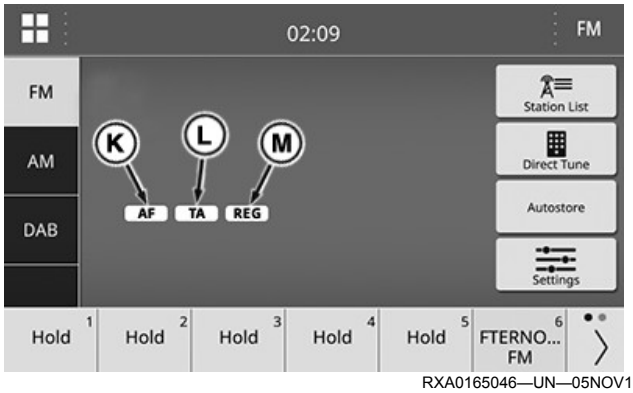
FM Settings (Global Including Europe)

Settings key allows adjustment of the following Radio Data System (RDS) settings from the FM tab.



RXA0165044—UN—05NOV18

To exit FM Settings, select Back (F) or X (G).



RXA0165046—UN—05NOV18

Alternative Frequency (AF)

Allows receiver to retune to the same station on a different frequency when the first signal becomes too weak. Slide radio button (A) right to enable or left to disable AF feature. Slide bar becomes yellow when enabled. Indicator (K) also displays on FM page when enabled.

Regionalisation (REG)

Some broadcasters divide their programming into region-specific content. When REG is enabled, radio system will not switch to alternative frequencies transmitting different programming. Slide radio button (B) right to enable or left to disable REG feature. Slide bar becomes yellow when enabled. Indicator (M) also displays on FM page when enabled.

Traffic Announcements (TA)

Interrupts other outputs for traffic announcements when enabled. Slide radio button (C) right to enable or left to disable TA feature. Slide bar becomes yellow when enabled. Indicator (L) also displays on FM page when enabled. To adjust volume for traffic announcements, see Traffic Announcement Volume (Global Including Europe) in Settings-Sound – Touch Screen Radio section of this Operator's Manual.

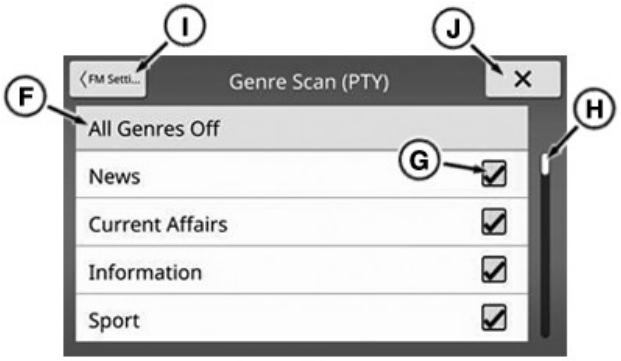
Emergency Announcements

Interrupts other outputs for emergency announcements in event of natural disasters or other major events causing damage or distress. Slide radio button (D) right to enable or left to disable. Slide bar becomes yellow when enabled.

Genre Scan (PTY)

Choose which genres display in station list.

1. Select Genre Scan (PTY) (E) to display list of genres.



RXA0165045—UN—14NOV18

2. Select desired genres:
   a. Select All - select All Genres On/Off (F) to select all or deselect all genres in list. Displays Off when all are selected and On when all are not selected.
   b. Individual Selection - Select check box (G) for each genre to be included (box and check mark are highlighted). Select check box again to deselect (box and check mark are grayed out).

To move up and down through list, turn scroll knob or drag scroll bar (H).

To go to previous page, select FM Settings (I).

To return to FM main page, select X (J).

KD34109,00007CD-19-29JAN19

SiriusXM® - General Information (United States-Puerto Rico-Canada)

Service will automatically renew and bill at then-current rates until you call us at 1-866-635-2349 to cancel. See our Customer Agreement for complete terms at www.siriusxm.com. Other fees and taxes apply. All fees and programming are subject to change. SiriusXM® may include frequent explicit language or mature programming. Call SiriusXM® Listener Care at 1-800-967-2346 and ask about our Family Friendly packages; in Canada call 1-877-438-9677. SiriusXM® satellite service is available only to those at least 18 and older in the 48 contiguous USA and D.C. For more information about program schedules or subscriptions, please visit www.siriusxm.com; in Canada visit www.siriusxm.ca. You may also call to subscribe. USA customers: 1-800-967-2346; Canadian customers: 1-877-438-9677. Radio ID is needed to subscribe. See SiriusXM® Settings (North America) in Settings-General - Touch

Screen Radio section of this Operator's Manual for radio ID.

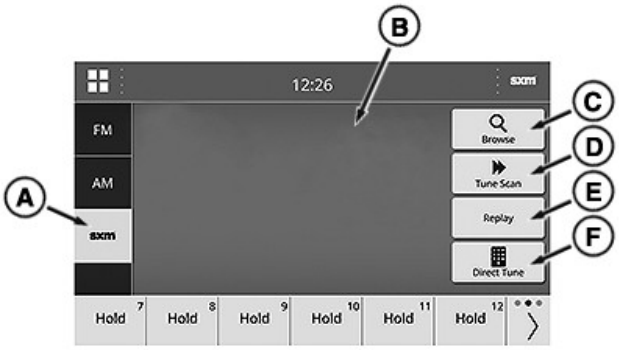
NOTE: It is prohibited to copy, decompile, disassemble, reverse engineer, hack, manipulate, or otherwise make available any technology or software incorporated in receivers compatible with the SiriusXM® Satellite Radio System or that support the SiriusXM® website, the Online Service or any of its content. Furthermore, the AMBE® voice compression software included in this product is protected by intellectual property rights including patent rights, copyrights, and trade secrets of Digital Voice Systems, Inc.

Canada: Some deterioration of service may occur in extreme northern latitudes. This is beyond the control of SiriusXM® Satellite Radio.

KD34109,00007D3-19-27FEB19

SiriusXM® Page (United States-Puerto Rico-Canada)

SiriusXM® is satellite radio available by subscription. See SiriusXM® - General Information (United States-Puerto Rico-Canada) in this Operator's Manual section for information on how to subscribe.

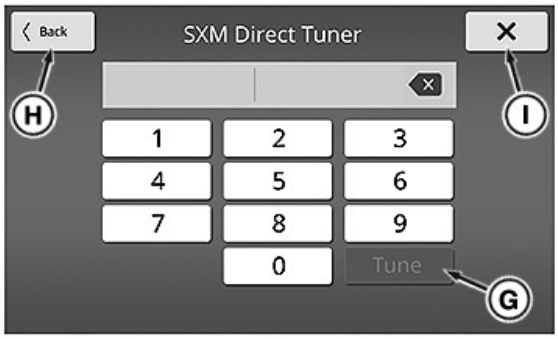


RXA0165079—UN—07NOV18

There are two ways to search for a channel on SXM tab (A). Enter exact channel using Direct Tune (F) or select from lists of available channels using Browse (C). Information related to station and what is currently playing displays on left-hand side of page (B).

Direct Tune

1. Select Direct Tune (F). A number pad displays to enter number for desired channel. Only numbers from available channels are available and display white.
2. Enter desired channel.



RXA0165080—UN—07NOV18

3. Select Tune key (G) to bring up entered channel. Tune key only becomes available if entered channel is available.

To cancel, select Back (H) or X (I).

Browse

Browse (C) enables searching channel lists and other features. For information on using Browse feature, see SiriusXM® Browse (United States-Puerto Rico-Canada) in this Operator's Manual section.

Other features available on SXM page:

Tune Scan

Select Tune Scan (D) to scan through all SiriusXM® presets with music. Tune Scan key becomes yellow while performing scan. Each preset plays for five seconds before moving to the next. Select again to stop scan and stay on preset. For preset storing procedure, see Presets in this Operator's Manual section.

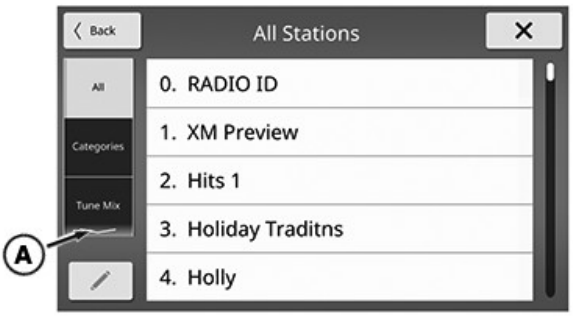
Replay

Replay (E) enables listening to previous broadcasting on selected channel. For information on using Replay (E) feature, see SiriusXM® Replay (United States-Puerto Rico-Canada) in this Operator's Manual section.

KD34109,00007D5-19-24JAN19

SiriusXM® Browse (United States-Puerto Rico-Canada)

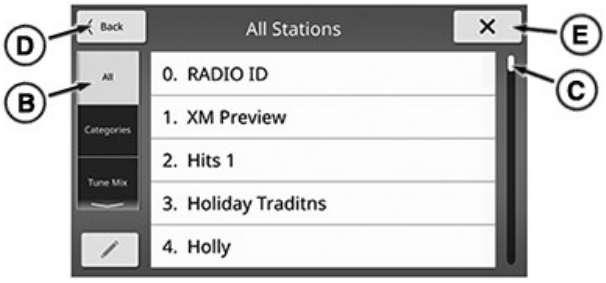
Browse feature includes four tabs, each with a different way to search for or receive information from desired channels.



RXA0165106—UN—12NOV18

Arrow (A) indicates more tabs are below visible tabs. If arrow displays at top, more tabs are above visible tabs. Drag tab list up or down to access additional tabs.

All

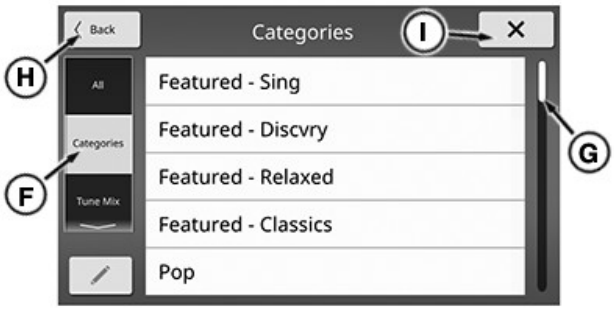


RXA0165107—UN—12NOV18

All tab (B) displays a list of all available channels in numerical order. Select desired channel from list to play. To move up and down through list, turn scroll knob or drag scroll bar (C).

To go to previous page, select Back (D) or X (E).

Categories



RXA0165108—UN—12NOV18

Categories tab (F) displays a list of channel categories.

1. Select desired category from list. A list of channels displays.
2. Select desired channel.

To move up and down through list, turn scroll knob or drag scroll bar (G).

To go to previous page, select Back (H).

To return to SXM main page, select X (I).

Tune Mix

Tune Mix allows automated browsing of select preset music channels. See SiriusXM® Browse - Tune Mix (United States-Puerto Rico-Canada) in this Operator's Manual section.

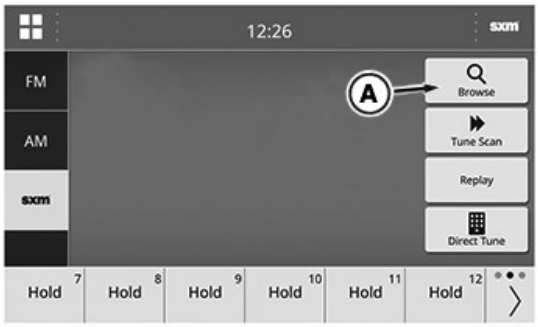
Game Zone

Game Zone allows selection of favorite teams and types of alerts desired for selected teams. See SiriusXM® Browse - Game Zone (United States-Puerto Rico-Canada) in this Operator's Manual section.

KD34109,00007D6-19-24JAN19

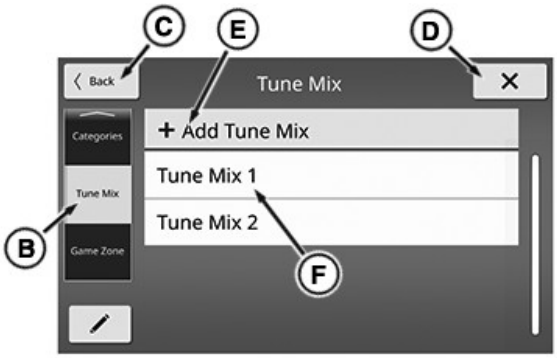
SiriusXM® Browse - Tune Mix (United States-Puerto Rico-Canada)

Tune Mix allows automated browsing of select preset music channels.



RXA0165167—UN—15NOV18

Select Browse (A) from SiriusXM® main page to access Tune Mix.



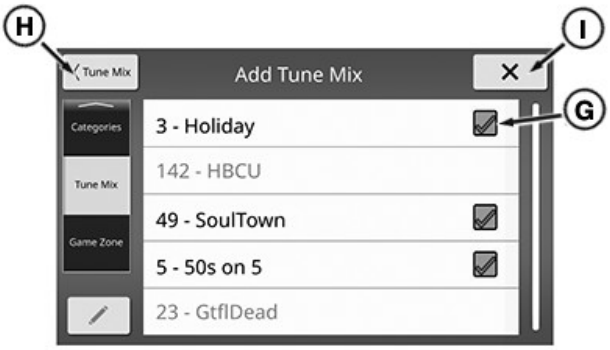
RXA0165119—UN—14NOV18

Use Tune Mix tab (B) to add, edit, and enable settings.

To return to SXM main page, select Back (C) or X (D).

Add

1. Select + Add Tune Mix (E). A list of preset channels displays.

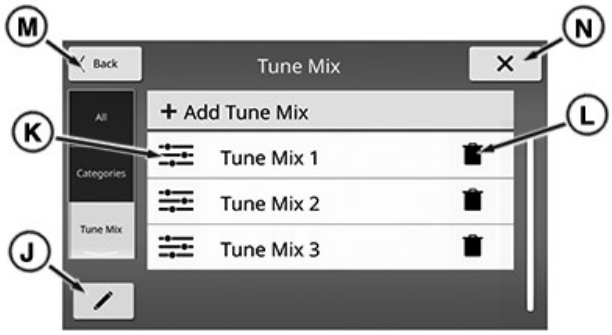


RXA0165120—UN—14NOV18

2. Select check box (G) for all channels to be included in list (box and check mark are highlighted). Select check box again to deselect (box and check mark are grayed out). Only music channels can be selected. Other channels are grayed out and do not include check box.
3. Select Back (H) to return to Tune Mix page. Newly created Tune Mix, example (F), displays in list.

To go to SXM main page, select X (I).

Edit Settings



RXA0165121—UN—14NOV18

1. Select edit (J). Edit key becomes yellow when editing is enabled.
2. Select settings (K) on desired Tune Mix to be edited. List of preset channels displays with current settings.
3. Make selection changes.
4. Select Back (M) to return to Tune Mix page.
5. Select edit again to disable editing.

To go to SXM main page, select X (N).

Remove

1. Select edit (J).
2. Select trash icon (L). Verification message displays.
3. Select OK to remove or Cancel to keep.
4. Select edit again to disable editing.

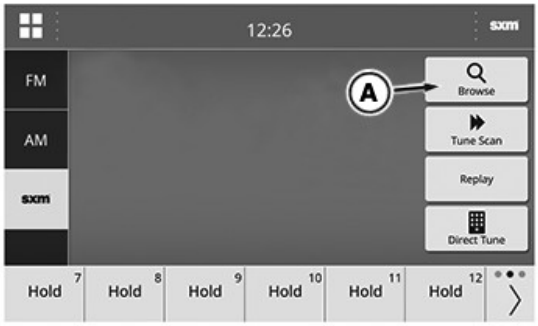
Enable

Select desired Tune Mix from list to enable. Returns to SXM main page when selected.

KD34109,0000001-19-24JAN19

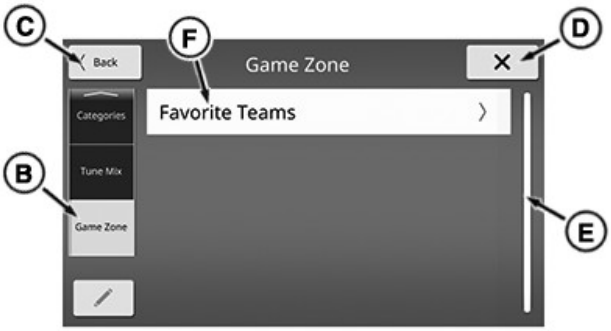
SiriusXM® Browse - Game Zone (United States-Puerto Rico-Canada)

Game Zone allows selection of favorite teams and types of alerts desired for selected teams.



RXA0165167—UN—15NOV18

Select Browse (A) from SiriusXM® main page to access Game Zone.



RXA0165132—UN—14NOV18

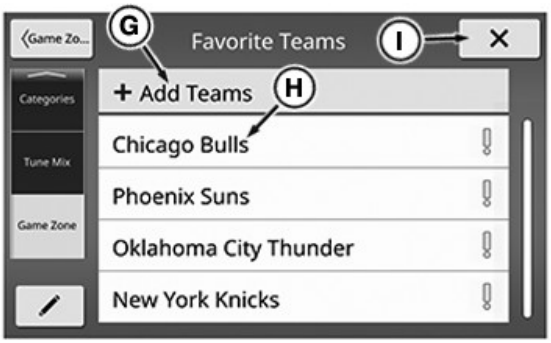
Use Game Zone tab (B) to add and edit teams and alerts.

To move up and down through lists, turn scroll knob or drag scroll bar (E).

To go to SXM main page, select Back (C) or X (D).

Add Team

1. Select Favorite Teams (F). Favorite Teams page displays.



RXA0165133—UN—14NOV18

2. Select Add Teams (G). A list of sports leagues displays.
3. Select desired league. A list of teams from chosen league displays.

RXA0165134—UN—14NOV18

4. Select check box (J) for all teams to be added to favorites teams list (box and check mark are highlighted). Select check box again to deselect (box and check mark are grayed out).

To go to SXM main page, select X (L).

Edit Alerts

1. Select Favorite Teams (F). Favorite Teams page displays.
2. Select team for which alerts are changing, example (H). Set alerts window displays.

RXA0165135—UN—14NOV18

3. Select check box (M) for desired alerts (box and check mark are highlighted). Select check box again to deselect (box and check mark are grayed out).
4. Select Save (N) to save changes and return to Favorite Teams page.

To go to SXM main page, select X (I).

Remove Team

RXA0165136—UN—14NOV18

1. Select edit (O).
2. Select trash icon (Q). Verification message displays.
3. Select OK to remove or Cancel to keep.
4. Select edit again to disable editing.

To go to SXM main page, select X (R).

Reorder Team

1. Select edit (O). Edit key becomes yellow when editing is enabled
2. Select, hold, and drag reorder icon (P) to desired location in list and release.
3. Select edit again to disable editing.

To go to SXM main page, select X (R).

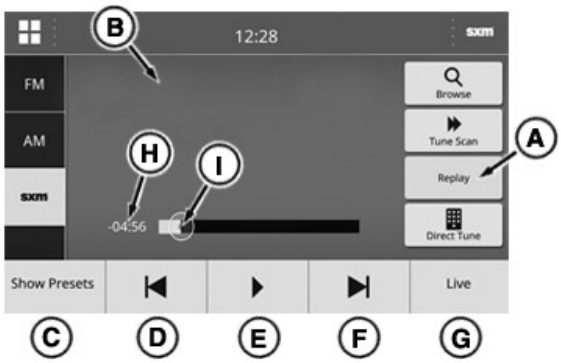
Enable Alerts

To enable selected alerts with Sports Flash, see SiriusXM® Settings (United States-Puerto Rico-Canada) in Settings-General – Touch Screen Radio section of this Operator's Manual.

KD34109,0000002-19-04FEB19

SiriusXM® Replay (United States-Puerto Rico-Canada)

Use Replay to listen to previous broadcasting on selected SiriusXM® channel. Goes back however long radio has been on channel up to an hour.



RXA0165137—UN—17DEC18

Select Replay (A) to access playback features. Replay key becomes yellow while in Replay mode. Select again to disable.

Information related to channel and what is currently playing displays on left-hand side of page (B).

Show Presets (C) — Displays preset keys and disables Replay mode.

Previous (D) — Goes to previous track. Goes to beginning of current track upon first selection. Select and hold to go back in five second increments.

Play/Pause (E) — Play or pause broadcast. Icon changes to indicate current action.

Next (F) — Goes to next track. Select and hold to go forward in five second increments.

Live (G) — Goes to live broadcast. Remains in Replay mode.

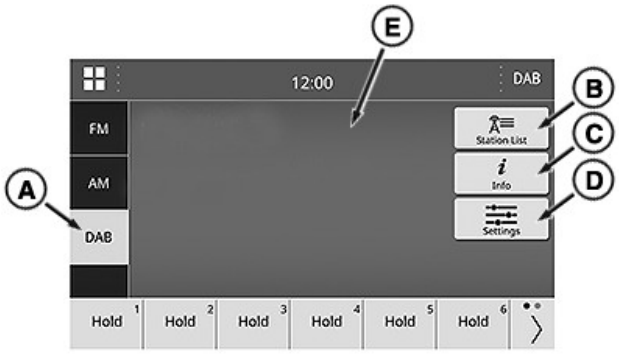
Elapsed Time (H) — Displays amount of time between current point and live point.

Position Indicator (I) — Indicates current point within hour of replay. Indicator also moves when pressed and held or a point on progress bar is selected.

KD34109,00007D7-19-24JAN19

Digital Audio Broadcasting (DAB+) Page (Global Including Europe)

Use Digital Audio Broadcasting (DAB+) page to listen to radio channels broadcast digitally.



RXA0165078—UN—07NOV18

Information related to channel and what is currently playing displays on left-hand side of page (E).

Search for a channel:

Station List

1. Select DAB tab (A). Selected tab becomes yellow.
2. Select Station List (B).
3. Select desired tab:
   a. All to display a list of all available channels. Go to step 5.
   b. Genres to display a list of available genres. Go to step 4.
   c. Ensembles to display a list of available ensembles. Go to step 4.
4. Select desired genre or ensemble.
5. Select desired channel.

Other features available on DAB page:

Info

Select Info (C) to view Radio Information page. Page displays additional information about channel.

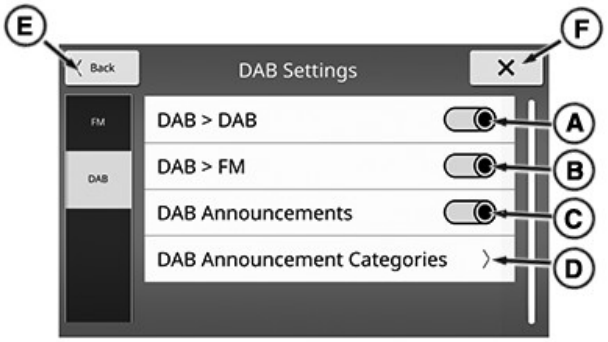
Settings

Settings key (D) allows adjustment of DAB settings. See Digital Audio Broadcasting (DAB+) Settings (Global Including Europe) in this Operator's Manual Section.

KD34109,00007D1-19-25JUL19

Digital Audio Broadcasting (DAB+) Settings (Global Including Europe)

Settings key allows adjustment of the following Radio Data System (RDS) settings from the DAB tab.



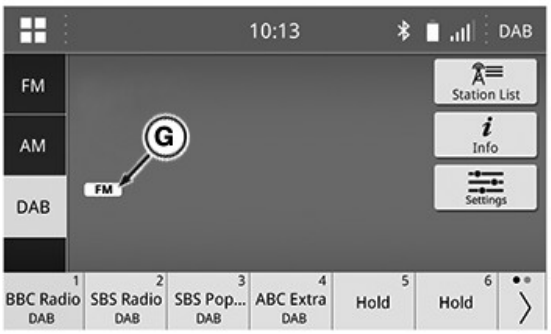
RXA0165151—UN—14NOV18

To exit DAB Settings, select Back (E) or X (F).

DAB > DAB

Slide radio button (A) right to enable or left to disable DAB to DAB linking. Slide bar becomes yellow when enabled.

DAB > FM



RXA0165152—UN—14NOV18

Slide radio button (B) right to enable or left to disable DAB to FM linking. Slide bar becomes yellow when enabled. Indicator (G) also displays on DAB page when enabled.

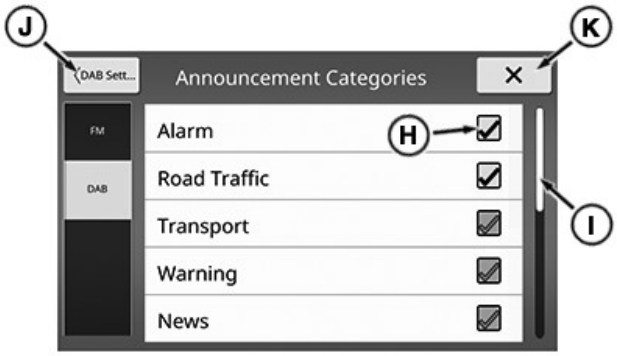
DAB Announcements

Enable announcements for categories selected in DAB Announcement Categories. Slide radio button (C) right to enable or left to disable. Slide bar becomes yellow when enabled.

DAB Announcement Categories

Choose types of announcement enabled for DAB Announcements.

1. Select DAB Announcement Categories (D) to display category list.



RXA0165153—UN—14NOV18

2. Select check box (H) for each announcement category to be included (box and check mark are highlighted). Select check box again to deselect (box and check mark are grayed out).

To move up and down through list, turn scroll knob or drag scroll bar (I).

To go to previous page, select DAB Settings (J).

To return to DAB main page, select X (K).

KD34109,00007D2-19-29JUL19

USB Page - Audio

RXA0165280—UN—29NOV18

USB tab (A) becomes available when USB media is connected through the USB port. For USB port information, see Auxiliary and USB Inputs in External Audio Sources – Touch Screen Radio section of this Operator's Manual.

Select Browse (B) to access lists of media available on connected device. For information on Browse feature, see Media Browse in this Operator's Manual section.

Audio Files

Supported USB Audio File Types	
Media Format	**File Type**
Audio	.mp3, .wma, .aac, .m4a, .wav
Playlist	.pls, .m3u, .wpl

Information related to current track displays on left-hand side of page (C). Numbers for current track/available tracks in list (E) display under track information. If available, album art also displays in location (D).

RXA0165281—UN—17DEC18

Elapsed Time (F) — Displays amount of time from beginning to current point of track.

Track Length (G) — Displays amount of time from beginning to end of track.

Position Indicator (H) — Indicates current point in track. Indicator also moves when pressed and held or a point on progress bar is selected.

Shuffle (I) — Plays tracks in random order. Shuffle key becomes yellow when enabled. Select again to disable.

Previous (J) — Goes to previous track. Goes to beginning of current track upon first selection. Select and hold to go back in five second increments.

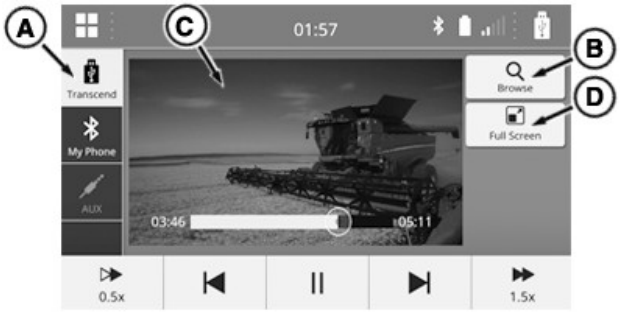
Play/Pause (K) — Play or pause track. Icon changes to indicate current action.

Next (L) — Goes to next track. Select and hold to go forward in five second increments.

Repeat (M) — Replays current track until disabled. Repeat key becomes yellow and displays a 1 when enabled. Select again to repeat track list. Key will remain yellow and 1 will disappear. Select a third time to disable Repeat.

KD34109,00007DA-19-18DEC18

USB Page - Video



RXA0165282—UN—30NOV18

USB tab (A) becomes available when USB media is connected through the USB port. For USB port information, see Auxiliary and USB Inputs in External Audio Sources – Touch Screen Radio section of this Operator's Manual.

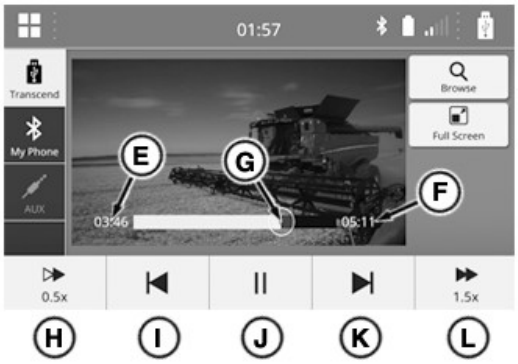
Select Browse (B) to access lists of media available on connected device. For information on Browse feature, see Media Browse in this Operator's Manual section.

Video Files

Supported USB Video File Types	
Media Format	**File Type**
Video[a]	.wmv, .flv, .mp4, .avi

[a] *Encoded with H.264/MPEG-4 AVC video compression format.*

Full Screen (D) extends video display (C) to entire radio display screen. To show operating features when in full screen mode, touch display. Features disappear after five seconds of inaction. Select X to disable full screen mode.



RXA0165283—UN—30NOV18

Elapsed Time (E) — Displays amount of time from beginning to current point of video.

Video Length (F) — Displays amount of time from beginning to end of video.

Position Indicator (G) — Indicates current point in video. Indicator also moves when pressed and held or a point on progress bar is selected.

0.5x Forward (H) — Plays video at half normal speed. Key becomes yellow when enabled. Select again to disable.

Previous (I) — Goes to previous video. Goes to beginning of current video upon first selection. Select and hold to go back in five second increments.

Play/Pause (J) — Play or pause video. Icon changes to indicate current action.

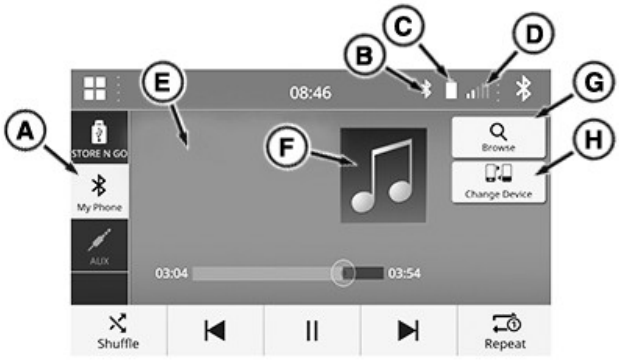
Next (K) — Goes to next video. Select and hold to go forward in five second increments.

1.5x Forward (L) — Plays video at one and a half times normal speed. Key becomes yellow when enabled. Select again to disable.

KD34109,0000005-19-11FEB19

Bluetooth® Page

NOTE: Bluetooth® may not be available in all locations.



RXA0165696—UN—03DEC18

Bluetooth® tab (A) becomes available when Bluetooth® media is connected. To add a Bluetooth® device, see Add Device in Settings-Phone – Touch Screen Radio section of this Operator's Manual.

When a Bluetooth® device is connected, Bluetooth® icon (B), device battery power indicator (C), and device signal strength bars (D), display on top bar.

Information related to current track displays on left-hand side of page (E). If available, album art also displays in location (F).

Select Browse (G) to access lists of media available on connected device. For information on Browse feature, see Media Browse in this Operator's Manual section.

Select Change Device (H) to change connected device. For information on changing connected device, see Change Device in this Operator's Manual section.

RXA0165697—UN—03DEC18

Elapsed Time (I) — Displays amount of time from beginning to current point of track.

Track Length (J) — Displays amount of time from beginning to end of track.

Position Indicator (K) — Indicates current point in track.

Shuffle (L) — Plays tracks in random order. Shuffle key becomes yellow when enabled. Select again to disable.

Previous (M) — Goes to previous track. Goes to beginning of current track upon first selection. Select and hold to go back in five second increments.

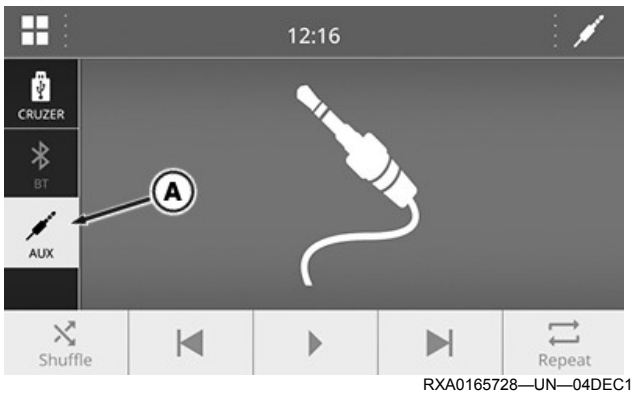
Play/Pause (N) — Play or pause track. Icon changes to indicate current action.

Next (O) — Goes to next track. Select and hold to go forward in five second increments.

Repeat (P) — Replays current track until disabled. Repeat key becomes yellow and displays a 1 when enabled. Select again to repeat track list. Key will remain yellow and 1 will disappear. Select a third time to disable Repeat.

KD34109,00007DB-19-29MAR19

AUX Page



RXA0165728—UN—04DEC18

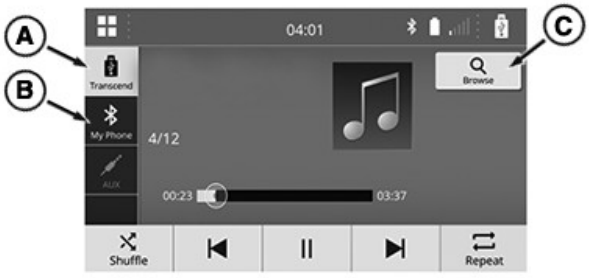
AUX tab (A) becomes available when auxiliary media is connected through the auxiliary port. For auxiliary port information, see Auxiliary and USB Inputs in External Audio Sources – Touch Screen Radio section of this Operator's Manual.

Options displayed on AUX page are grayed out and cannot be used. Auxiliary adjustments are made on connected device. Volume is controlled from radio and connected device.

To make an additional volume adjustment for auxiliary devices, see AUX Volume Gain in Settings-Sound – Touch Screen Radio section of this Operator's Manual.

KD34109,00007DC-19-22JUL19

Media Browse



RXA0165286—UN—30NOV18

Browse (C) is accessible on the USB (A) and Bluetooth® (B) tabs. Supported files on selected device display in Browse lists.

Supported USB and Bluetooth® File Types	
Media Format	**File Type**
Audio	.mp3, .wma, .aac, .m4a, .wav
Video[ab]	.wmv, .flv, .mp4, .avi
Playlist	.pls, .m3u, .wpl

[a] *Only available for USB.*
[b] *Encoded with H.264/MPEG-4 AVC video compression format.*

RXA0165287—UN—30NOV18

To move up and down through lists, turn scroll knob or drag scroll bar (G).

To go to previous page, select Back (I).

To go to main page of selected media, select X (J).

Browse Lists

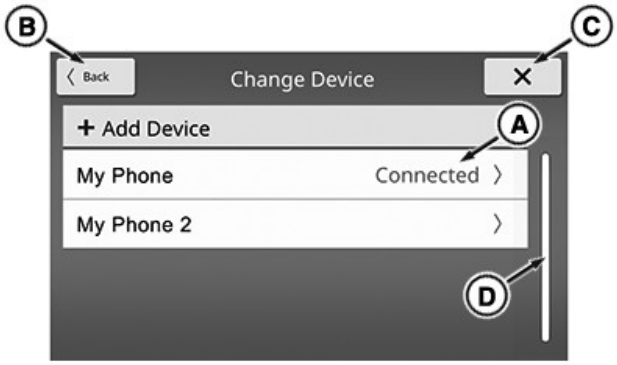
1. Select Browse.
2. Select desired tab (D). If up (E) or down (F) arrows display, there are additional tabs. Press, hold, and drag list up or down to access additional tabs.
3. Make list selections below for selected tab.
   a. Artist – Select Artist > Select Album (If Available) > Select Song
   b. Albums – Select Album > Select Song
   c. Songs – Select Song
   d. Playlists – Select Playlist > Select Song
   e. Genres – Select Genre > Select Artist > Select Album (If Available) > Select Song
   f. Composers – Select Composer > Select Album > Select Song
   g. Folders – Select Subfolder (If Available) > Select Song.
   h. Videos – Select Video (Only Available for USB)

Search (USB Only)

1. Select Browse.
2. Select desired tab (D). If up (E) or down (F) arrows display, there are additional tabs. Press, hold, and drag tab list up or down to access additional tabs.
3. Select Search (H). A keyboard displays. For keyboard information, see Keyboard in General Operation – Touch Screen Radio section of this Operator's Manual.
4. Enter desired file information and select Search. Available files for entered information display.
5. Select file.

KD34109,00007DD-19-11FEB19

Change Device



RXA0165702—UN—09JAN19

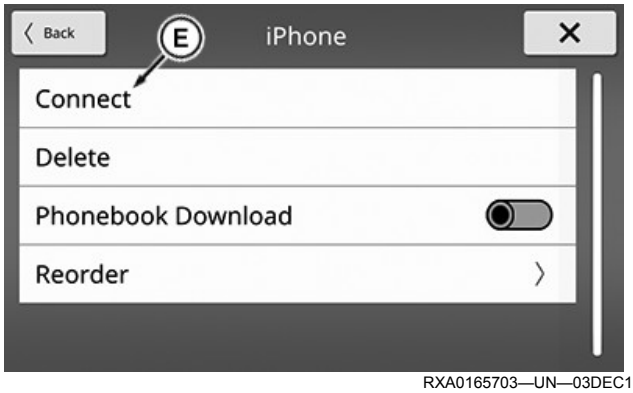
To move up and down through lists, turn scroll knob or drag scroll bar (D).

To go to previous page, select Back (B).

To go to Bluetooth® main page, select X (C).

Connected device displays Connected (A) next to device name.

1. Select desired (not connected) device from list of added devices. For information on adding a device, see Add Device in Settings-Phone – Touch Screen Radio section of this Operator's Manual.



RXA0165703—UN—03DEC18

2. Select Connect (E). If change is successful, Connected displays next to device name in device list.

KD34109,00007DE-19-29JUL19

Phone – Touch Screen Radio

Overview Page

RXA0165736—UN—20DEC18

Use Overview tab (A) to view information and access adjustments for device connection and calling. A Bluetooth® cellular device must be connected to use Phone features.

Device Connection

If a device is not connected when accessing phone page, a connection prompt message displays. Select Yes to go to Change Device page to Connect or Add Device. If No is selected, Overview page displays No Device Connected and an Add Device key in right-hand top corner.

For information on adding a Bluetooth® device, see Add Device in Settings-Phone – Touch Screen Radio section of this Operator's Manual. For information on connecting an already added device, see Edit Device in Settings-Phone – Touch Screen Radio section of this Operator's Manual.

Device Connected - Not in Call

Features available when a device is connected and there are no active calls:

Change Device (B) — Select to change connected device. For information on changing device, see Change Device in Media – Touch Screen Radio section of this Operator's Manual.

Device Name (C) — Displays name of connected device.

Battery Power (D) — Displays battery power of connected device.

Service Provider (E) — Displays name of cellular service provider.

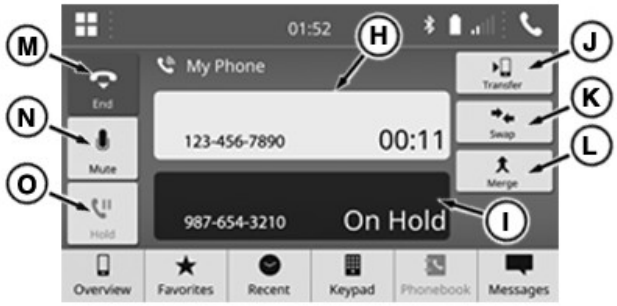
Signal Strength (F) — Displays strength of cellular signal.

Redial (G) — Select to call last number called for connected device.

Incoming Call

A message with incoming phone number displays when receiving a phone call. If number is in phonebook, name and type of contact also display. Select green key to answer or red key to ignore incoming call.

If call is ignored, Missed Call From: displays. Select Call Back to call number back or Ignore to dismiss message.



RXA0165737—UN—05DEC18

Single Call

Features available when single call is active:

Active Call (H) — Displays phone number and duration of active call. If number is in phonebook, name and type of contact also display.

Transfer (J) — Select to send call to device. Select Transfer Back to send call back to cab.

End (M) — Select to terminate call in progress.

Mute (N) — Select to mute sound from cab to other party.

Hold (O) — Select to put call on hold. Neither party can hear each other.

Multi-Call

Features available when multiple calls are active:

Active Call (H) — Displays phone number and duration of active call. If number is in phonebook, name and type of contact also display.

Call On Hold (I) — Displays phone number and On Hold for call placed on hold. If number is in phonebook, name and type of contact also display.

Transfer (J) — Select to send call to device. Select Transfer Back to send call back to cab.

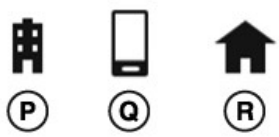
Swap (K) — Select to place active call on hold and make call on hold active.

Merge (L) — Select to combine calls into a conference call. Displays call information for both calls in the same box.

End (M) — Select to terminate call in progress.

Mute (N) — Select to mute sound from cab to other party.

Contact Types



RXA0165738—UN—05DEC18

Work (P), cell (Q), or home (R) icon will display next to phone number for contacts in Phonebook.

Volume

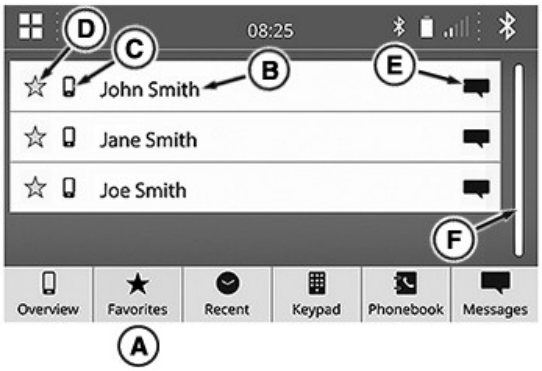
To adjust call volume inside the cab, see Phone Volume in Settings-Sound – Touch Screen Radio section of this Operator's Manual.

To adjust volume of ringtone inside the cab, see Ringtone Volume in Settings-Sound – Touch Screen Radio section of this Operator's Manual.

KD34109,00007DF-19-29JAN19

Favorites Page

NOTE: Access must be allowed to radio from device to utilize feature.



RXA0165773—UN—20DEC18

Use Favorites tab (A) to call or text contacts marked as favorite.

Contact name (B) and type (C) display in favorites list. A yellow star (D) also displays next to favorite contacts.

To move up and down through list, turn scroll knob or drag scroll bar (F).

Add Favorite

Contacts are added as a favorite on Phonebook tab. See Phonebook Page in this Operator's Manual section.

Remove Favorite

Select star to remove from Favorites. A message displays saying contact will be deleted from favorites and star becomes white. Select star again to add back to favorites. If removed contact is not added back and a contact or another tab is selected, contact is removed from favorites list.

Call Favorite

To call contact from Favorites, select name from list.

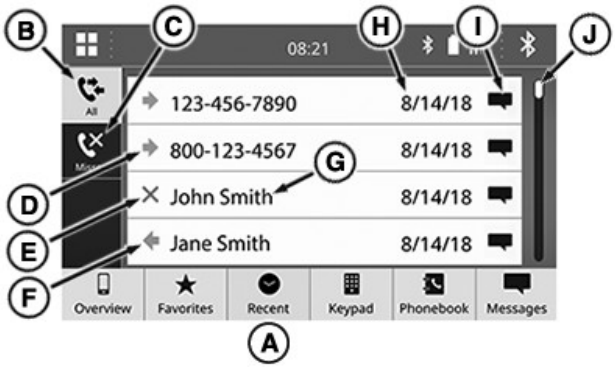
Text Favorite

To send a text from a list of standard messages, select text icon (E). For more information, see Send Standard Text in this Operator's Manual section.

KD34109,00007E0-19-20DEC18

Recent Page

NOTE: Access must be allowed to radio from device to utilize feature.



RXA0165822—UN—20DEC18

Use Recent tab (A) to view, call, or text phone numbers for calls recently received, placed, or missed.

All tab (B) displays all recent received, placed, or missed calls. Missed tab (C) displays missed calls only. Call lists include phone number (contact name if in phonebook) (G), date (time if viewing same day) of call (H), and call status. Outgoing (D), missed (E), and received (F) icons indicate call statuses.

To move up and down through list, turn scroll knob or drag scroll bar (J).

Call Recent Number

To call a number from Recent lists, select name or number.

Text Recent Number

To send a text from a list of standard messages, select text icon (I). For more information, see Send Standard Text in this Operator's Manual section.

KD34109,00007E1-19-20DEC18

Keypad Page

Use Keypad page to place a call.

RXA0165825—UN—20DEC18

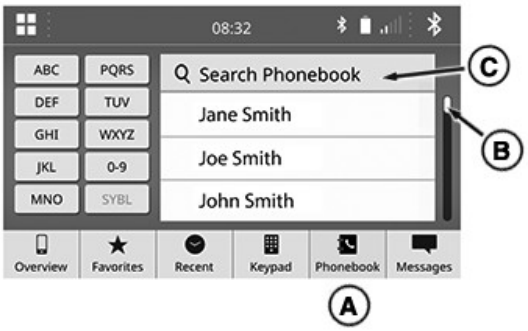
1. Select Keypad tab (A).
2. Enter number using number and symbol keys. Entered information displays in box (B). Selecting back key (C) removes character before cursor.
3. Select Call (D).

Overview page displays with single call features. For more information on calling features, see Overview Page in this Operator's Manual section. Returns to Keypad page when call is ended.

KD34109,00007E2-19-12DEC18

Phonebook Page

NOTE: Access must be allowed to radio from device to utilize feature.



RXA0165839—UN—12DEC18

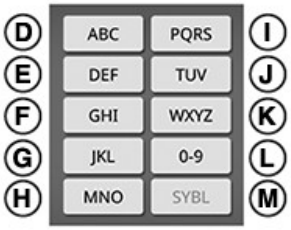
Use Phonebook tab (A) to access contacts downloaded from device.

Contact List

Contact list displays in alphabetical order.

1. Locate desired contact in list. To display additional contacts in list, turn scroll knob or drag scroll bar (B).
2. Select desired contact name. Contact information page displays.
3. Favorite, call, or text desired number for contact. For more information, see Contact Information Page later in this feature.

Jump to specified area in list using the following keys:



RXA0165840—UN—12DEC18

ABC (D) — Jumps to first contact starting with letter A.

DEF (E) — Jumps to first contact starting with letter D.

GHI (F) — Jumps to first contact starting with letter G.

JKL (G) — Jumps to first contact starting with letter J.

MNO (H) — Jumps to first contact starting with letter M.

PQRS (I) — Jumps to first contact starting with letter P.

TUV (J) — Jumps to first contact starting with letter T.

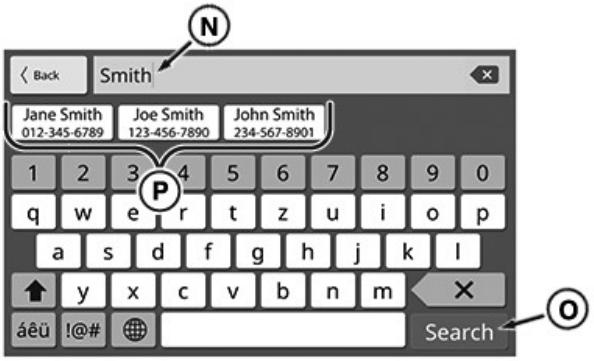
WXYZ (K) — Jumps to first contact starting with letter W.

0-9 (L) — Jumps to first contact starting with number 0.

SYBL (M) — Jumps to first contact starting with a symbol.

Contact Search

1. Select Search Phonebook (C). Keyboard displays. For additional keyboard information, see Keyboard in General Operation – Touch Screen Radio section of this Operator's Manual.



RXA0165873—UN—18DEC18

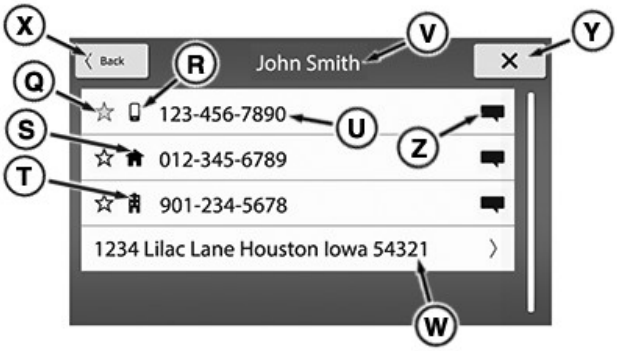
2. Enter desired contact name. Characters display in box (N). When three characters or more have been typed, contacts including those characters (P) display.
3. Select one of the following:
   a. Select Search key (O). Included contacts display in list on main page. Continue to step 4.

b. Select one of the contact boxes (P). Contact is called.

4. Select desired contact name. Contact information page displays.
5. Favorite, call, or text desired number for contact. For more information, see Contact Information Page later in this feature.

Contact Information Page

Contact information page includes the following information. Some information only displays if it has been entered on connected device.



RXA0165841—UN—18DEC18

Favorite Icon (Q) — Select to add to favorites. Icon becomes yellow when added. Select again to remove from favorites.

Cellular Icon (R) — Indicates contact number is for a cellular phone. Cannot edit from radio.

Home Icon (S) — Indicates contact number is for a home phone. Cannot edit from radio.

Work Icon (T) — Indicates contact number is for a work phone. Cannot edit from radio.

Phone Number (U) — Displays phone number for contact entry. Cannot edit from radio. Select to call displayed number.

Contact Name (V) — Displays name entered for contact. Cannot edit from radio.

Contact Address (W) — Displays address entered for contact. Cannot edit from radio. Select to display window with entire address if not displayed.

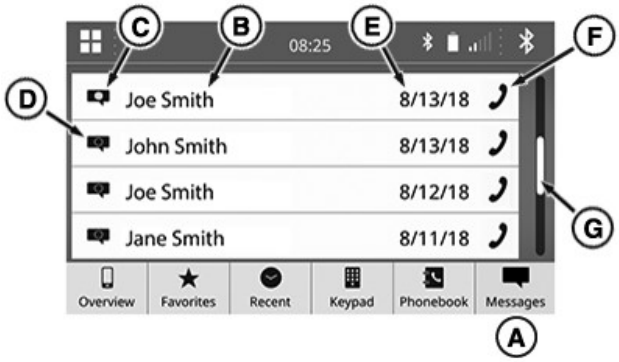
Text Icon (Z) — Select to send a text from a list of standard messages. For more information, see Send Standard Text in this Operator's Manual section.

To go to Phonebook main page, select Back (X) or X (Y).

KD34109,00007E3-19-07FEB19

Messages Page

NOTE: Access must be allowed to radio from device to utilize feature.



RXA0165889—UN—19DEC18

Use Messages tab (A) to access received text messages.

Contact name or number (B) and date received (E) display for each message. Text icons, unread (C) and read (D), also display.

To call contact, select phone icon (F).

To move up and down through list, turn scroll knob or drag scroll bar (G).

Access Message/Reply

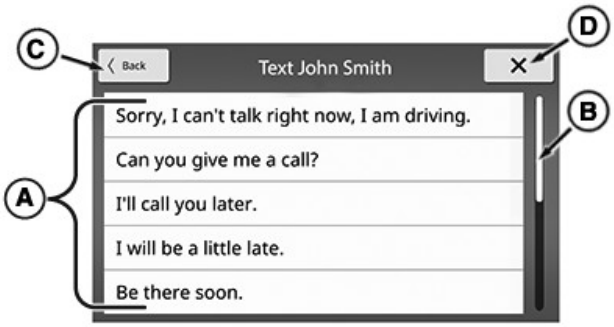
1. Select contact name/number for desired message.

RXA0165890—UN—19DEC18

2. Select one of four responses:
   a. To play audio of the message, select Play (H). To discontinue audio, select Stop while message is playing.
   b. To view message text, select View (I). Message displays with the other three response options.
   c. To send a standard text to sender, select Reply (J). For more information, see Send Standard Text in this Operator's Manual section.
   d. To go back to Messages list, select Cancel (K).

KD34109,00007E4-19-07FEB19

Send Standard Text



RXA0165837—UN—12DEC18

1. Select a standard message from list (A). To access more messages, turn scroll knob or drag scroll bar (B). A message displays verifying selection.

RXA0165838—UN—17DEC18

2. Select one of three responses:
   a. To send message, select Send (E). A message appears to verify if sent successfully.
   b. To change to a different message, select Change (F). Goes back to message list.
   c. To cancel sending, select Cancel (G). Goes back to main page for selected tab.

Selecting Back (C) or X (D) on message list page also goes back to main page.

KD34109,0000008-19-07FEB19

Camera (If Equipped)

Camera is available if cab is equipped with required connection and supported camera is added to machine. See your John Deere dealer for available camera and cabling options for your machine.

NOTE: When hooking up aftermarket camera, recycle ignition to ensure image is stabilized.

Camera shows camera feed on entire display.

KD34109,00007E5-19-19DEC18

Weather Pages

SiriusXM® Weather displays the weather forecast for selected location. Weather page requires a subscription. For information on how to subscribe, see SiriusXM® - General Information (United States-Puerto Rico-Canada) in Radio Operation – Touch Screen Radio section of this Operator's Manual.

RXA0165209—UN—19NOV18

Current Tab (A) — Select to view current forecast.

3-6 Hr Tab (B) — Select to view forecast for next three and six hours.

5 Day Tab (C) — Select to view forecast for next five days.

Location of forecast (D) displays at top left of page.

RXA0165210—UN—19NOV18

To move up and down through lists, turn scroll knob or drag scroll bar (K).

To cancel, select Back (L) or X (M).

Select Location

1. Select Locations (E).
2. Select from list of locations. Current Location (F) uses Global Positioning System (GPS). Locations (G) are locations that have been manually added.

Add Location

1. Select Locations (E).
2. Select Add New Location (H). A list of general locations displays.
3. Select General location. A list of more specific locations within general location displays.
4. Select specific location.

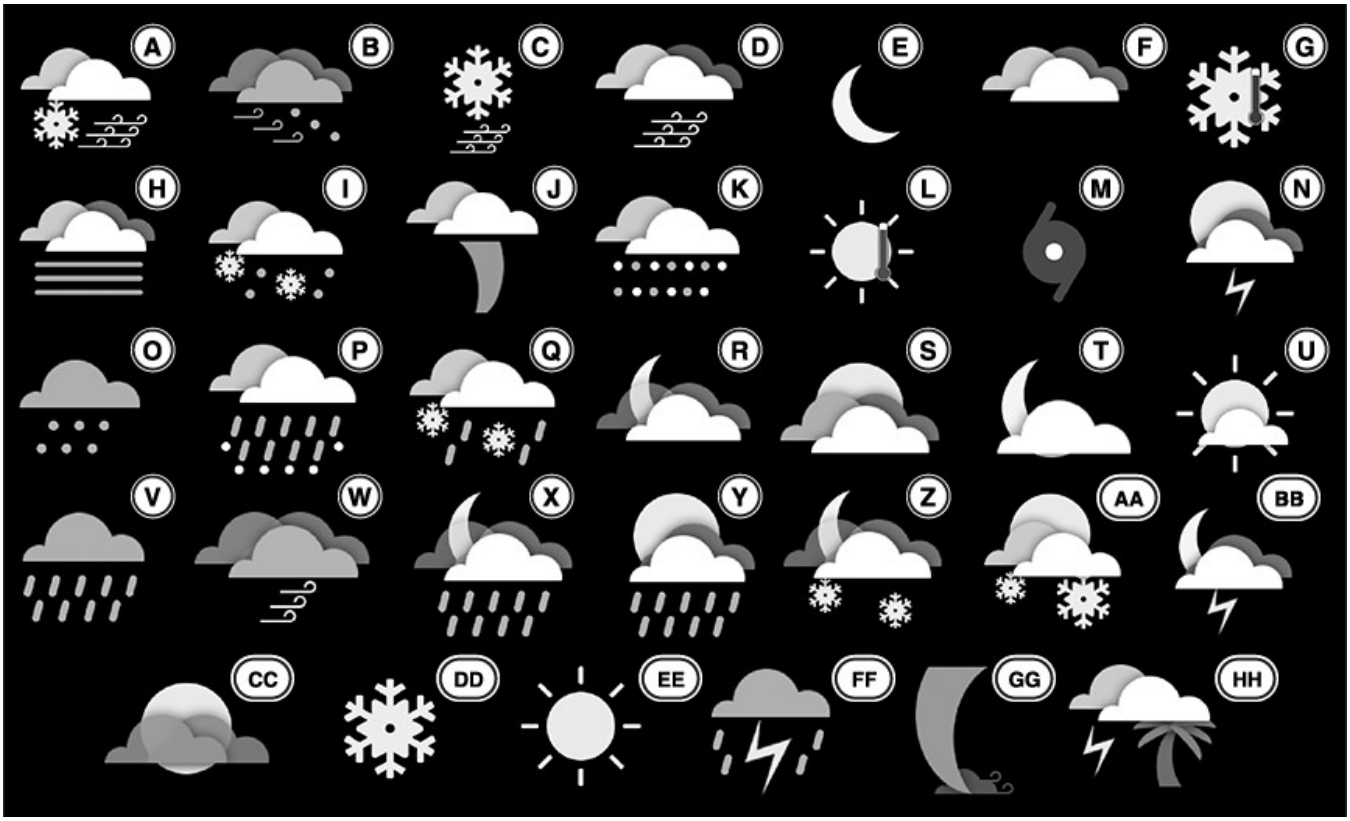
Only adds location to locations list. If also changing to newly added location, select it from location list.

Remove Location

1. Select Edit (I).
2. Select trash icon (J).
3. Select edit again to disable editing.

KD34109,00007E6-19-27FEB19

Weather Icon Descriptions



RXA0165190—UN—15NOV18

A — Blizzard
B — Blowing Dust
C — Blowing Snow
D — Blustery, Windy
E — Clear Night, Mostly Clear Night
F — Cloudy
G — Cold
H — Foggy, Light Fog, Moderate Fog, Heavy Fog, Mist
I — Freezing Drizzle, Wintry Mix
J — Funnel Cloud
K — Hail, Sleet, Ice Pellets
L — Hot
M — Hurricane
N — Isolated Thunderstorms, Scattered Thunderstorms
O — Light Rain, Drizzle
P — Mixed Rain and Sleet, Mixed Rain and Hail
Q — Mixed Rain and Snow, Freezing Rain
R — Mostly Cloudy Night
S — Mostly Cloudy
T — Partly Cloudy Night
U — Partly Cloudy
V — Rain, Heavy Rain, Showers
W — Sandstorm
X — Scattered Showers Night
Y — Scattered Showers
Z — Scattered Snow Showers Night
AA — Scattered Snow Showers
BB — Scattered Thunderstorms Night
CC — Smoky, Dust, Hazy
DD — Snow, Light Snow, Moderate Snow, Heavy Snow, Snow Showers, Flurries
EE — Sunny, Mostly Sunny
FF — Thunderstorms, Severe Thunderstorms
GG — Tornado
HH — Tropical Storm, Hurricane

KD34109,00007E8-19-27FEB19

Apple CarPlay® – Touch Screen Radio

Apple CarPlay®

Access approved applications from a connected compatible iPhone®. Radio page displays in the CarPlay® format. Connect phone through USB port to use CarPlay®. For USB port information, see Auxiliary and USB Inputs in External Audio Sources – Touch Screen Radio section of this Operator's Manual. For more information on CarPlay®, see https://www.apple.com/ios/carplay.

KD34109,00007E9-19-14AUG19

Brightness Settings

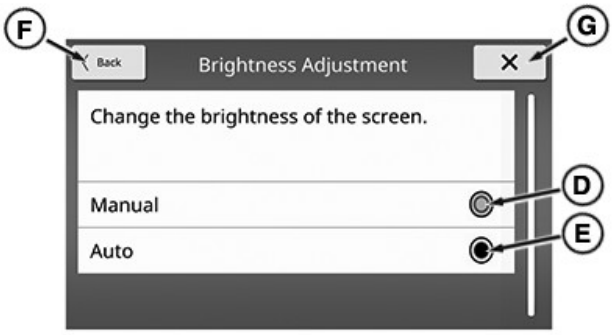
Adjust display lighting using brightness settings.

RXA0165898—UN—20DEC18

Select General tab (A) to access Brightness settings.

Brightness Adjustment

1. Select Brightness Adjustment (B).

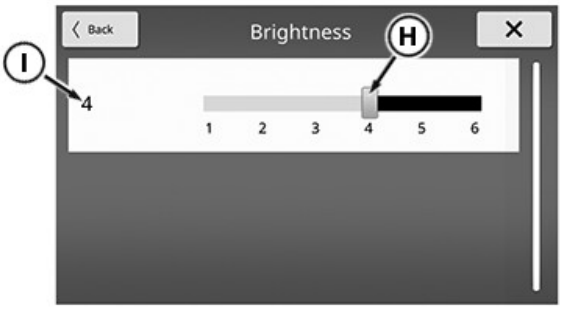


RXA0165899—UN—20DEC18

2. Select one of two settings:
   a. Manual (D) - manually adjust brightness level between one and six.
   b. Auto (E) - brightness automatically adjusts based on lighting inside cab.

Brightness - Manual Setting

1. Select Brightness (C).



RXA0165900—UN—20DEC18

2. Drag slider (H) or touch number to select desired setting. Selected setting displays on left-hand side (I).

To go to General main page, select Back (F) or X (G).

KD34109,00007EB-19-25JAN19

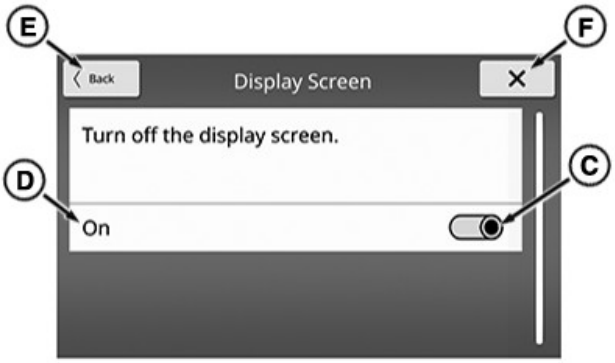
Display Screen

Turn radio display off while radio is on.

RXA0165951—UN—07JAN19

Select General tab (A) to access Display Screen setting.

1. Select Display Screen (B).



RXA0165952—UN—07JAN19

2. Slide radio button (C) left to turn display Off. Selected setting displays on left-hand side (D).

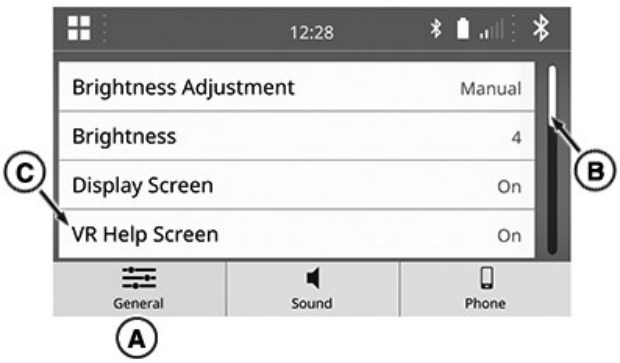
When set to Off, display goes dark. To turn display back on, select any radio button.

To go to General main page, select Back (E) or X (F).

KD34109,00007ED-19-18JAN19

VR (Voice Recognition) Help Screen

Turn On hints that display during a VR session.

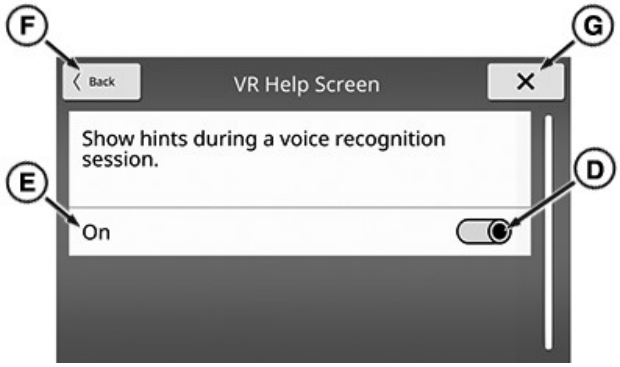


RXA0165968—UN—07JAN19

Select General tab (A) to access VR help setting.

To move up and down through list, turn scroll knob or drag scroll bar (B).

1. Select VR Help Screen (C).



RXA0165969—UN—09JAN19

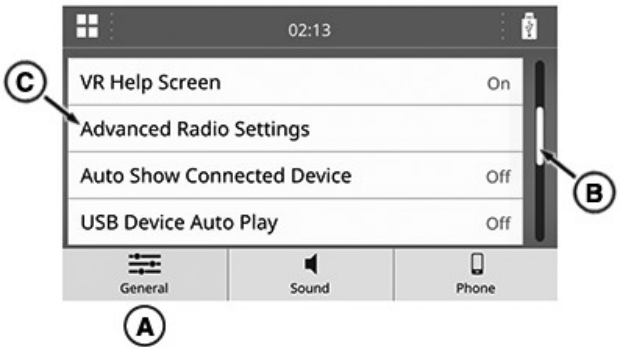
2. Slide radio button (D) right to enable or left to disable. Selected setting displays on left-hand side (E).

To go to General main page, select Back (F) or X (G).

For more information on VR Help, see Push-To-Talk (PTT) in General Operation – Touch Screen Radio section of this Operator's Manual.

KD34109,00007EE-19-07JAN19

Advanced Radio Settings (Global Including Europe)

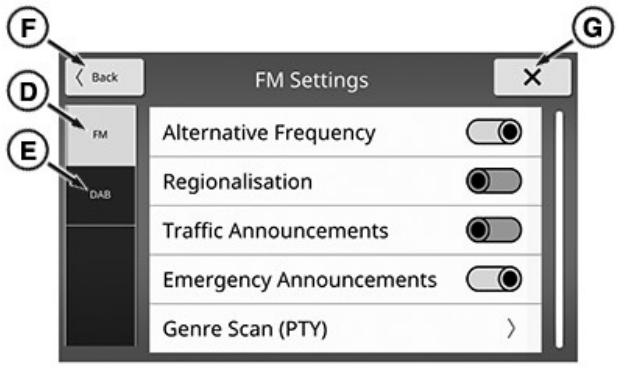


RXA0165966—UN—07JAN19

Select General tab (A) to access additional radio settings.

To move up and down through list, turn scroll knob or drag scroll bar (B).

1. Select Advanced Radio Settings (C).
2. Select one of two tabs:



RXA0165967—UN—07JAN19

   a. FM (D) to access settings for FM radio. For more information on FM settings, see FM Settings (Global Including Europe) in Radio Operation – Touch Screen Radio section of this Operator's Manual.

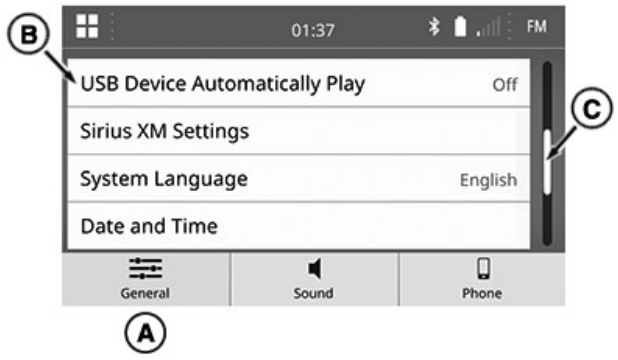
   b. DAB (E) to access settings for Digital Audio Broadcasting (DAB+) radio. For more information on DAB settings, see Digital Audio Broadcasting (DAB+) Settings (Global Including Europe) in Radio Operation – Touch Screen Radio section of this Operator's Manual.

To go to General main page, select Back (F) or X (G).

KD34109,0000016-19-27MAR19

USB Device Automatically Play

Set files to play automatically when USB device is connected.



RXA0165905—UN—25FEB19

Select General tab (A) to access USB auto play setting.

To move up and down through list, turn scroll knob or drag scroll bar (C).

1. Select USB Device Automatically Play (B).

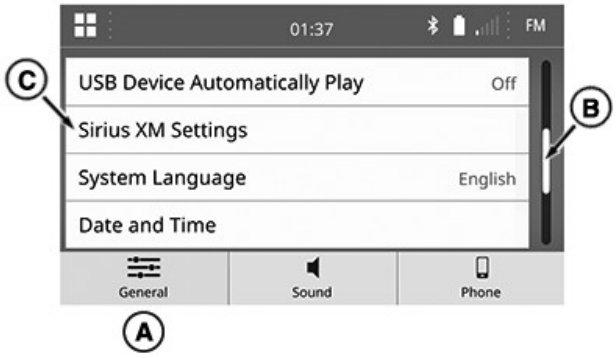
RXA0165906—UN—07JAN19

2. Slide radio button (D) right to enable or left to disable. Selected setting displays on left-hand side (E).

To go to General main page, select Back (F) or X (G).

KD34109,00007F0-19-27FEB19

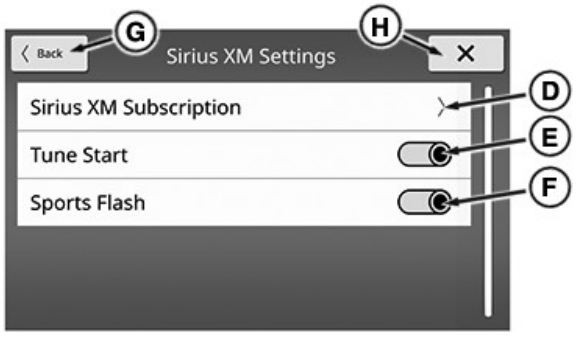
SiriusXM® Settings (United States-Puerto Rico-Canada)



RXA0165098—UN—25FEB19

Access SiriusXM® Settings (C) on General tab (A).

To move up and down through list, turn List Scroll Knob or drag slide bar (B).



RXA0165099—UN—08NOV18

To go to General main page, select Back (G) or X (H).

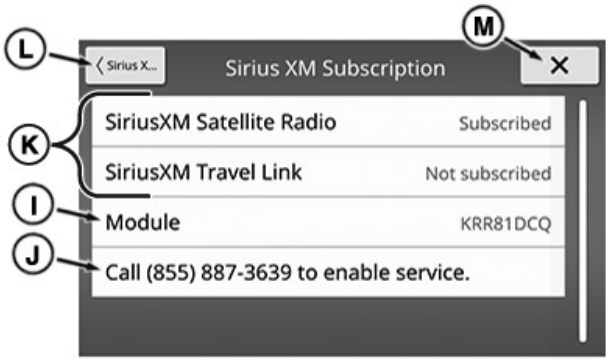
Tune Start

Song automatically plays from beginning when tuning to preset channel. Slide radio button (E) right to enable or left to disable Tune Start feature. Slide bar becomes highlighted when enabled.

Sports Flash

Receive sports alerts for favorite teams selected in Game Zone. For procedure to select favorite teams on Game Zone tab, see SiriusXM® Browse (United States-Puerto Rico-Canada) in Radio Operation – Touch Screen Radio section of this Operator's Manual. Slide radio button (F) right to enable or left to disable Sports Flash feature. Slide bar becomes highlighted when enabled.

SiriusXM® Subscription



RXA0165100—UN—25FEB19

Displays SiriusXM® subscription (D) information. Status of subscription displays to right of options (K). SiriusXM® radio ID displays to right of Module (I). Activation number (J) also displays on page.

To go to previous page, select SiriusXM® Settings (L) or X (M).

KD34109,00007F1-19-24JAN19

System Language

Set the preferred language for the radio. Available languages vary by radio and are listed in the following table.

Languages	Radio[a]		
	North America	Global Including Europe	Japan
Arabic	—	X	—
Chinese	—	X	—
Czech	—	X	—
Danish	—	X	—
Dutch	—	X	—
English (Australia)	—	X	—
English (United Kingdom)	—	X	—
English (United States)	X	—	X

Languages	Radio[a]		
	North America	Global Including Europe	Japan
Finnish	—	X	—
French	X	X	—
German	—	X	—
Greek	—	X	—
Hungarian	—	X	—
Italian	—	X	—
Japanese	—	—	X
Norwegian	—	X	—
Polish	—	X	—
Portuguese	—	X	—
Romanian	—	X	—
Russian	—	X	—
Slovak	—	X	—
Spanish	X	X	—
Swedish	—	X	—
Turkish	—	X	—
Ukrainian	—	X	—

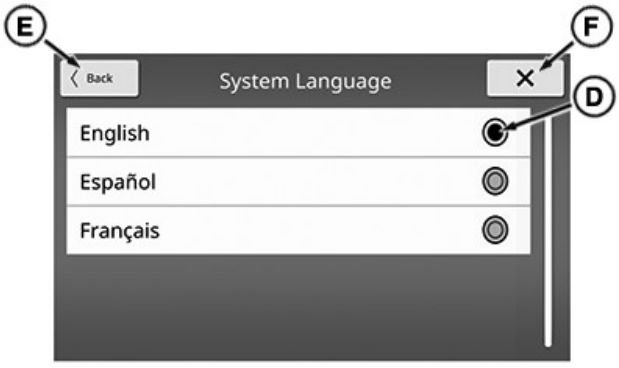
[a] *X indicates language is available*

RXA0165975—UN—25FEB19

Select General tab (A) to access the language setting.

To move up and down through list, turn scroll knob or drag scroll bar (B).

1. Select System Language (C).



RXA0165976—UN—08JAN19

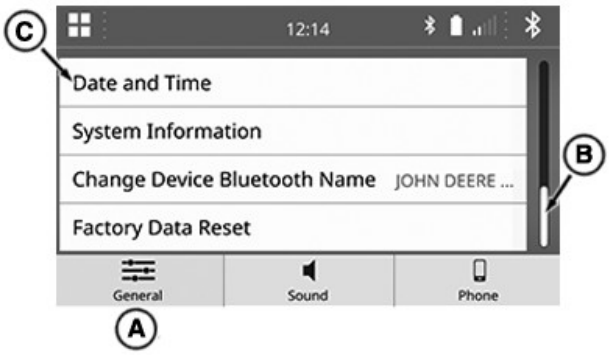
2. Select radio button (D) for desired language. Radio button is highlighted when selected.

To go to General main page, select Back (E) or X (F).

KD34109,00007F2-19-24JAN19

Date and Time

Time format setting is always available. However, date and time adjustments are grayed out and not available when provided by CAN bus using Global Positioning System (GPS).

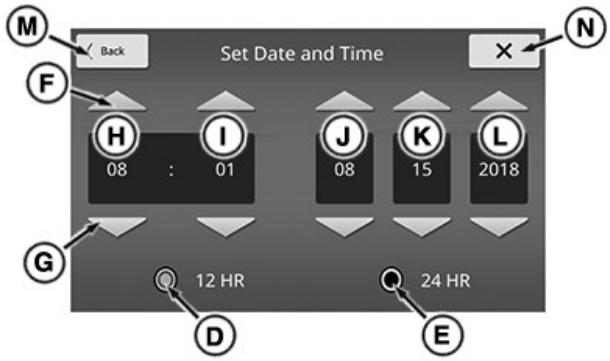


RXA0165977—UN—08JAN19

Select General tab (A) to access time and date setting.

To move up and down through list, turn scroll knob or drag scroll bar (B).

1. Select Date and Time (C).



RXA0165978—UN—08JAN19

2. Select increase (F) or decrease (G) to adjust any of the following:
   - Hour (H)
   - Minute (I)
   - Month (J)
   - Day (K)
   - Year (L)

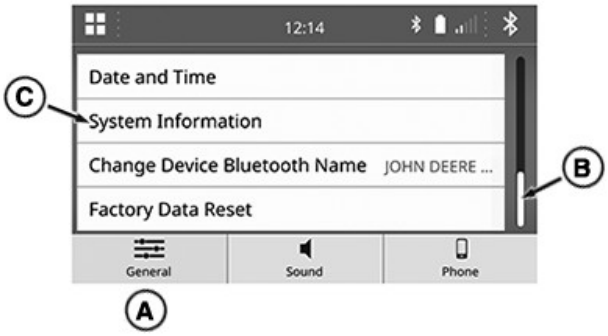
To adjust time format, select radio button for either 12 hour (D) or 24 hour (E). Radio button is highlighted when selected.

To go to General main page, select Back (M) or X (N).

KD34109,00007F3-19-27FEB19

System Information

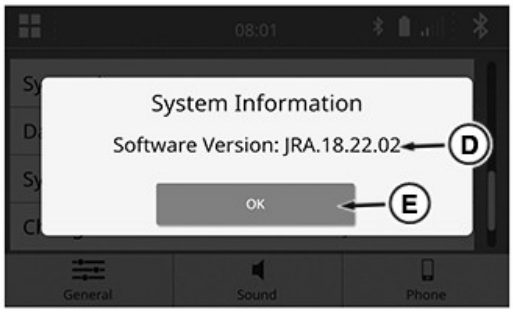
View current version of system software.



RXA0165984—UN—09JAN19

Select General tab (A) to access System Information setting.

To move up and down through list, turn scroll knob or drag scroll bar (B).



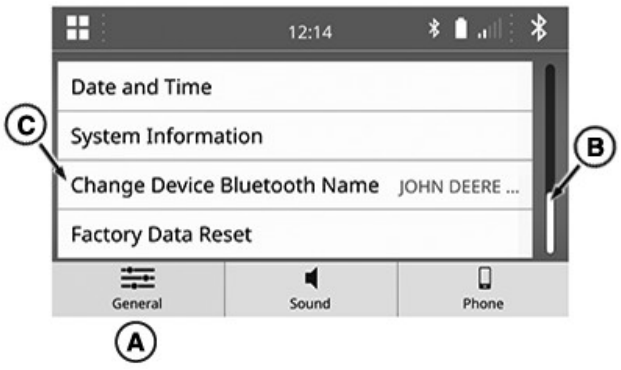
RXA0165985—UN—09JAN19

1. Select System Information (C). A window displays the current Software Version (D).
2. Select OK (E) to close window and return to General main page.

KD34109,00007F4-19-27FEB19

Change Device Bluetooth® Name

Change the name that displays for the radio on Buetooth® devices.



RXA0165998—UN—09JAN19

Select General tab (A) to access name change setting.

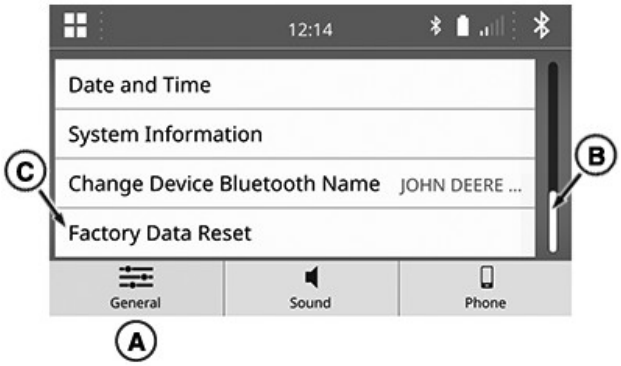
To move up and down through list, turn scroll knob or drag scroll bar (B).

1. Select Change Device Bluetooth® Name (C). A keyboard displays. For more information on using the keyboard, see Keyboard in General Operation – Touch Screen Radio section of this Operator's Manual.
2. Enter new name and select Rename key. A message displays to verify name change.
3. Select one of the following:
   a. OK to keep change and return to General main page.
   b. Cancel to discard change and return to General main page.

KD34109,00007F5-19-18JAN19

Factory Data Reset

Change all settings to default.

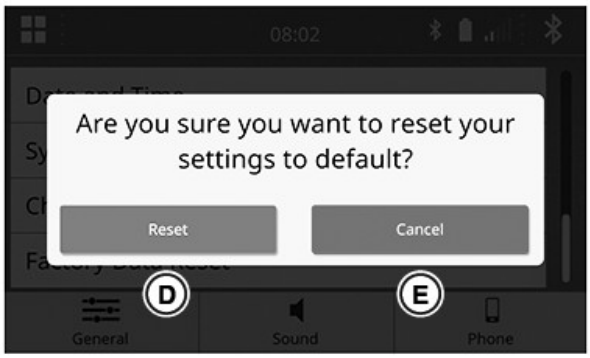


RXA0165999—UN—09JAN19

Select General tab (A) to access data reset setting.

To move up and down through list, turn scroll knob or drag scroll bar (B).

1. Select Factory Data Reset (C). A message displays to verify reset.



RXA0166000—UN—09JAN19

2. Select one of the following:

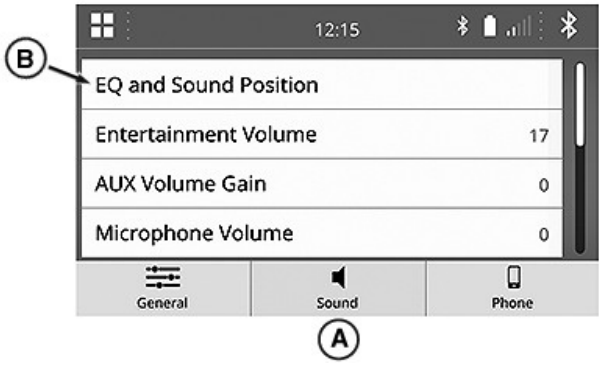
a. Reset (D) to reset to default settings and return to General main page.

b. Cancel (E) to keep current settings and return to General main page.

KD34109,00007F6-19-09JAN19

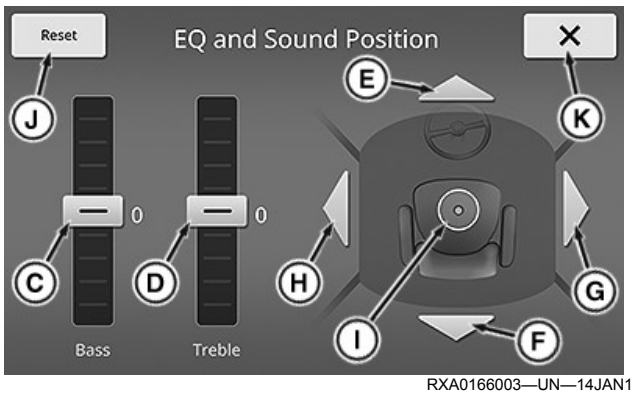
EQ (Equalizer) and Sound Position

Adjust bass, treble, and position of sound.



RXA0166002—UN—14JAN19

Access EQ and Sound Position (B) on Sound tab (A).



RXA0166003—UN—14JAN19

Bass (C) — Drag position indicator up to increase or down to decrease level of bass. Can also touch desired position to move indicator.

Treble (D) — Drag position indicator up to increase or down to decrease level of treble. Can also touch desired position to move indicator.

Fade Front (E) — Select arrow to increase sound from front speakers in increments. Decreases sound in rear speakers.

Fade Rear (F) — Select arrow to increase sound from rear speakers in increments. Decreases sound in front speakers.

Balance Right (G) — Select arrow to increase sound from right speakers in increments. Decreases sound in left speakers.

Balance Left (H) — Select arrow to increase sound from left speakers in increments. Decreases sound in right speakers.

Position Indicator (I) — Indicates current position of fade and balance. Can also drag indicator or touch desired position to adjust fade and balance.

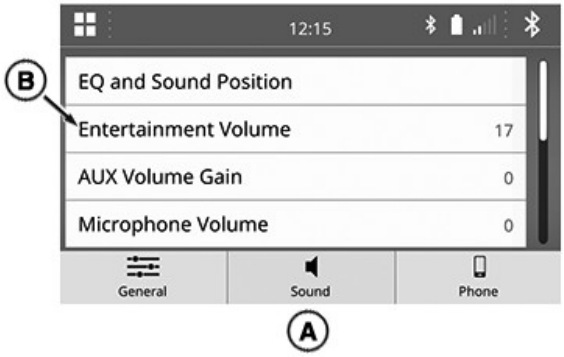
Reset (J) — Select to reset bass and treble to 0 and fade and balance to center.

To go to Sound main page, select X (K).

KD34109,00007F7-19-29JAN19

Entertainment Volume

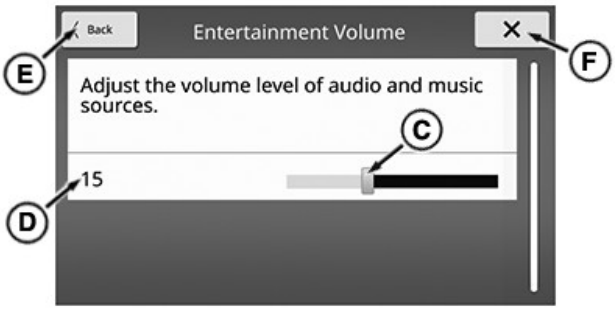
Adjust the radio volume from the sound settings. Volume can also be adjusted using the volume knob. For volume knob location, see Controls and Instruments in Touch Screen Radio section of this Operator's Manual.



RXA0166004—UN—14JAN19

Select Sound tab (A) to access volume setting.

1. Select Entertainment Volume (B).



RXA0166005—UN—15JAN19

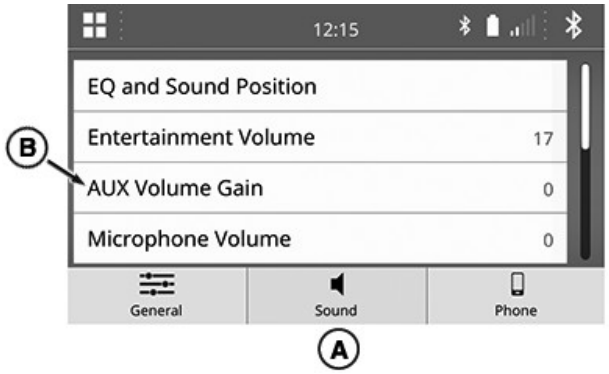
2. Drag slider (C) or touch any area on adjustment bar to select desired setting. Selected setting displays on left-hand side (D).

To go to Sound main page, select Back (E) or X (F).

KD34109,00007F8-19-15JAN19

AUX Volume Gain

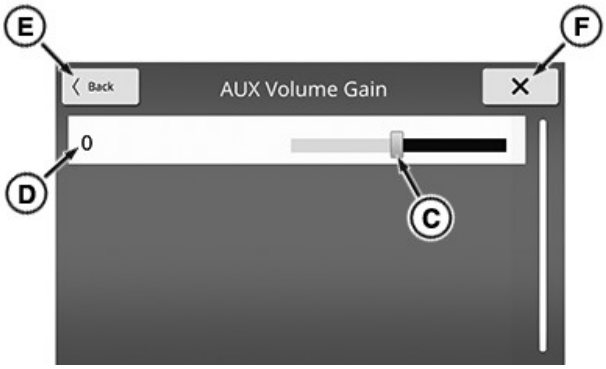
Adjust the radio volume for auxiliary devices in relation to the Entertainment Volume. For more information on auxiliary devices, see AUX Page in Media – Touch Screen Radio section of this Operator's Manual.



RXA0166067—UN—16JAN19

Select Sound tab (A) to access auxiliary volume gain setting.

1. Select AUX Volume Gain (B).

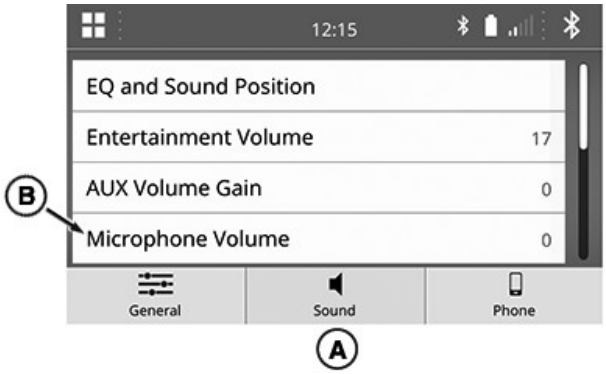


RXA0166068—UN—16JAN19

2. Drag slider (C) or touch any area on adjustment bar to select desired setting. Selected setting displays on left-hand side (D).

To go to Sound main page, select Back (E) or X (F).

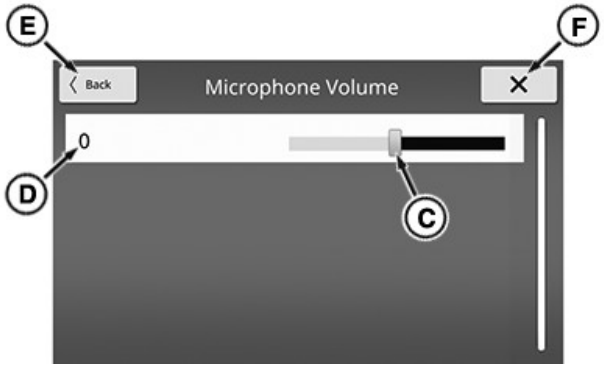
KD34109,00007F9-19-16JAN19



RXA0166069—UN—16JAN19

Select Sound tab (A) to access Microphone Volume setting.

1. Select Microphone Volume (B).



RXA0166070—UN—16JAN19

2. Drag slider (C) or touch any area on adjustment bar to select desired setting. Selected setting displays on left-hand side (D).

To go to Sound main page, select Back (E) or X (F).

KD34109,00007FA-19-27FEB19

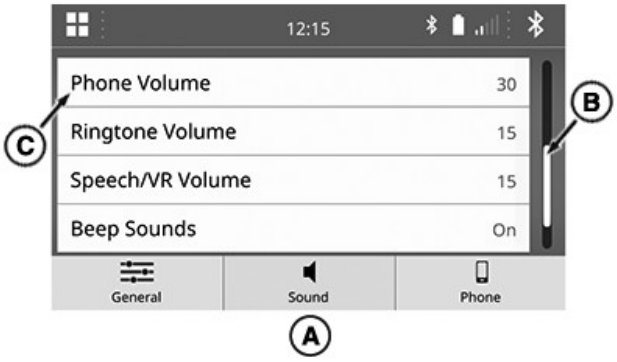
Microphone Volume

Adjust the sensitivity at which the microphone picks up sound. For microphone location, see Microphone in External Audio Sources – Touch Screen Radio section of this Operator's Manual.

NOTE: Setting varies based on paired device. Recommended initial setting is -2. Higher settings allow for more outgoing background noise.

Phone Volume

Adjust incoming volume for phone calls. While in a call, the volume knob also controls incoming volume for the call. For volume knob location, see Controls and Instruments in Touch Screen Radio section of this Operator's Manual.

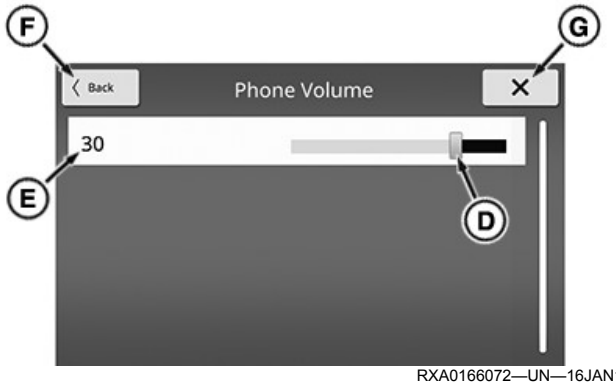


RXA0166071—UN—16JAN19

Select Sound tab (A) to access Phone Volume setting.

To move up and down through list, turn scroll knob or drag scroll bar (B).

1. Select Phone Volume (C).



RXA0166072—UN—16JAN19

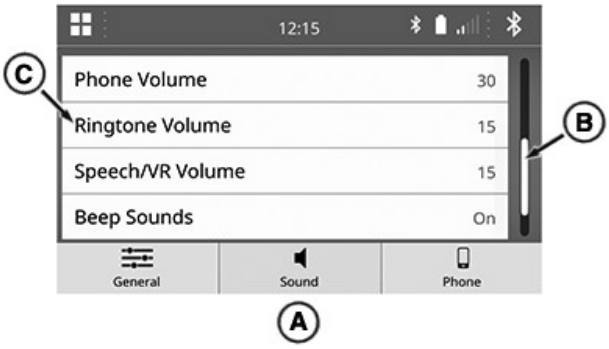
2. Drag slider (D) or touch any area on adjustment bar to select desired setting. Selected setting displays on left-hand side (E).

To go to Sound main page, select Back (F) or X (G).

KD34109,00007FB-19-27FEB19

Ringtone Volume

Adjust the volume of the incoming ringtone on cab speakers.

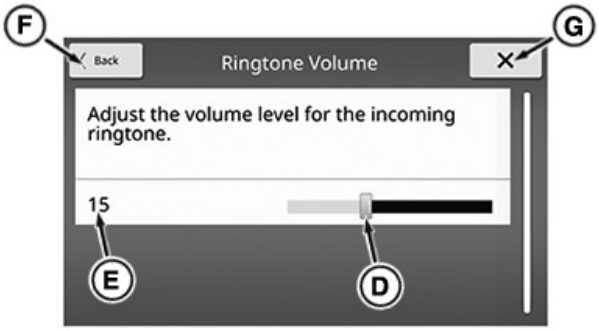


RXA0166073—UN—16JAN19

Select Sound tab (A) to access Ringtone Volume setting.

To move up and down through list, turn scroll knob or drag scroll bar (B).

1. Select Ringtone Volume (C).



RXA0166074—UN—16JAN19

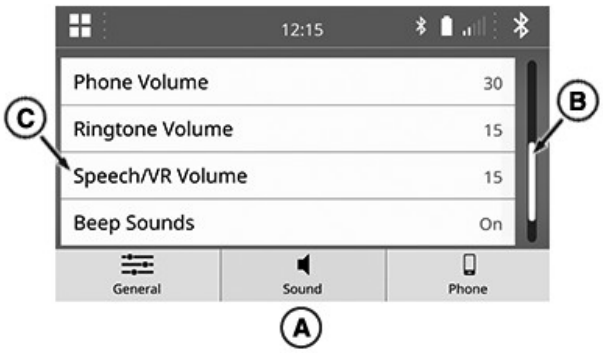
2. Drag slider (D) or touch any area on adjustment bar to select desired setting. Selected setting displays on left-hand side (E).

To go to Sound main page, select Back (F) or X (G).

KD34109,00007FC-19-16JAN19

Speech/VR (Voice Recognition) Volume

Adjust the volume for the speech and VR prompts. For more information on VR prompts, see Push-To-Talk (PTT) in General Operation – Touch Screen Radio section of this Operator's Manual.

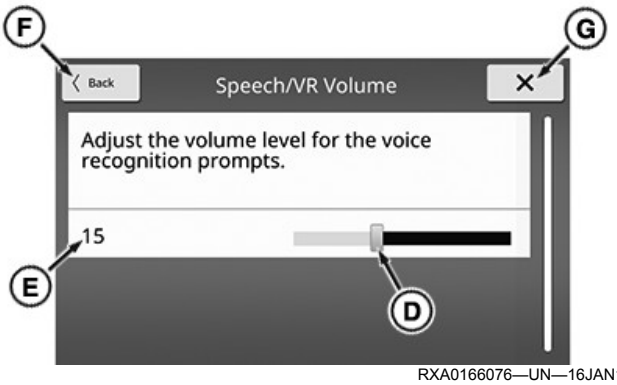


RXA0166075—UN—16JAN19

Select Sound tab (A) to access Speech/VR Volume setting.

To move up and down through list, turn scroll knob or drag scroll bar (B).

1. Select Speech/VR Volume (C).

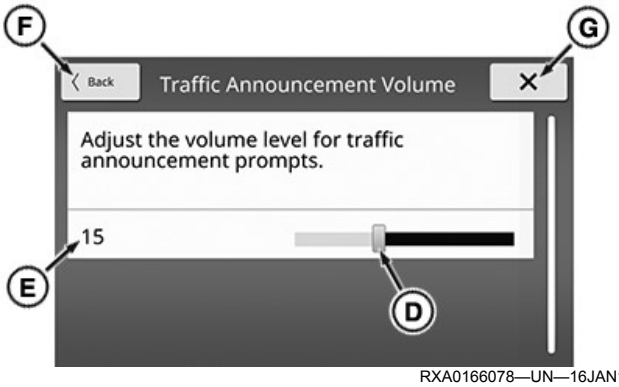


RXA0166076—UN—16JAN19

2. Drag slider (D) or touch any area on adjustment bar to select desired setting. Selected setting displays on left-hand side (E).

To go to Sound main page, select Back (F) or X (G).

KD34109,00007FD-19-16JAN19



RXA0166078—UN—16JAN19

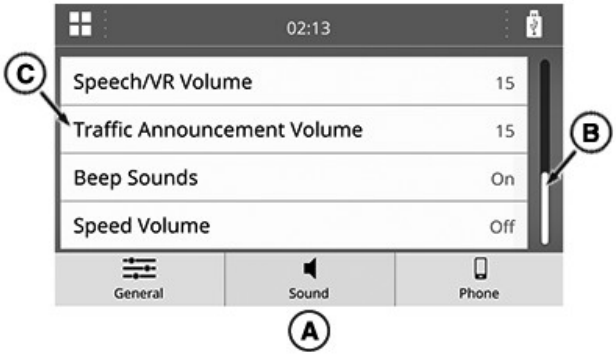
2. Drag slider (D) or touch any area on adjustment bar to select desired setting. Selected setting displays on left-hand side (E).

To go to Sound main page, select Back (F) or X (G).

KD34109,000001C-19-16JAN19

Traffic Announcement Volume (Global Including Europe)

Adjust the volume for traffic announcements. For more information on traffic announcements, see FM Settings (Global Including Europe) in Radio Operation – Touch Screen Radio section of this Operator's Manual.



RXA0166077—UN—16JAN19

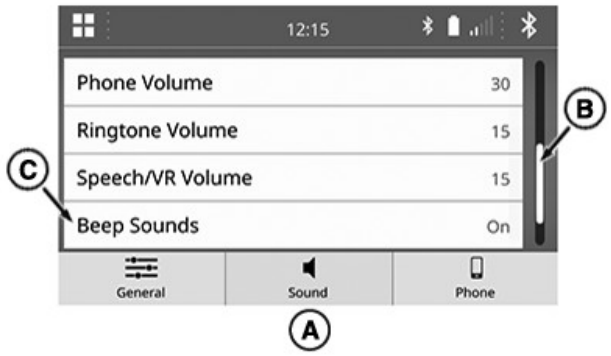
Select Sound tab (A) to access Traffic Announcement Volume setting.

To move up and down through list, turn scroll knob or drag scroll bar (B).

1. Select Traffic Announcement Volume (C).

Beep Sounds

Turn Beep Sounds on radio On or Off.

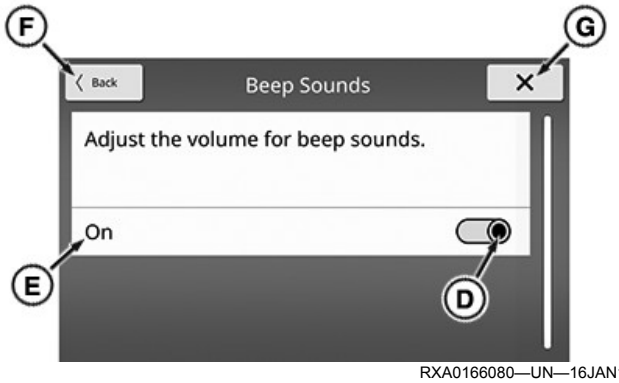


RXA0166079—UN—16JAN19

Select Sound tab (A) to access Beep Sounds setting.

To move up and down through list, turn scroll knob or drag scroll bar (B).

1. Select Beep Sounds (C).



RXA0166080—UN—16JAN19

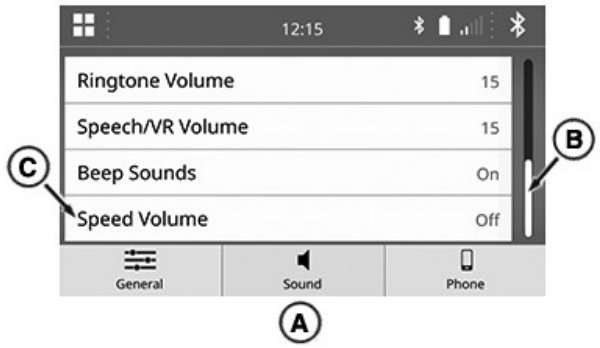
2. Slide radio button (D) right to enable or left to disable. Selected setting displays on left-hand side (E).

To go to Sound main page, select Back (F) or X (G).

KD34109,00007FE-19-16JAN19

Speed Volume

Select how much volume increases with increased speed.

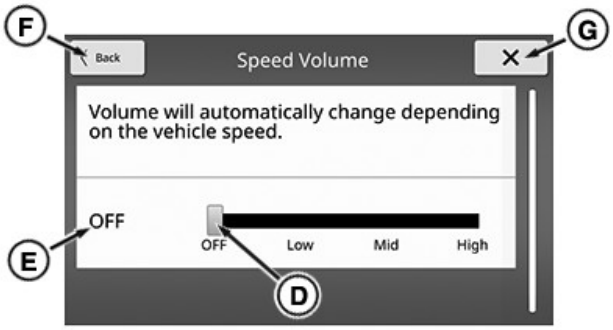


RXA0166081—UN—17JAN19

Select Sound tab (A) to access Speed Volume setting.

To move up and down through list, turn scroll knob or drag scroll bar (B).

1. Select Speed Volume (C).



RXA0166082—UN—17JAN19

2. Drag slider (D) or touch a setting on adjustment bar to make a selection. Selected setting displays on left-hand side (E).

   Based on speed volume setting, as speed increases beyond 17 km/h (10 mph):

NOTE: Recommended setting is OFF.

- OFF (default) — Volume does not increase.
- Low — Volume slightly increases.
- Mid — Volume moderately increases.
- High — Volume significantly increases.

To go to Sound main page, select Back (F) or X (G).

KD34109,00007FF-19-25FEB19

Settings-Phone – Touch Screen Radio

Add Device

RXA0165699—UN—09JAN19

Select Phone tab (A) to access Add Device setting.

1. Select Add Device (B).

RXA0165700—UN—03DEC18

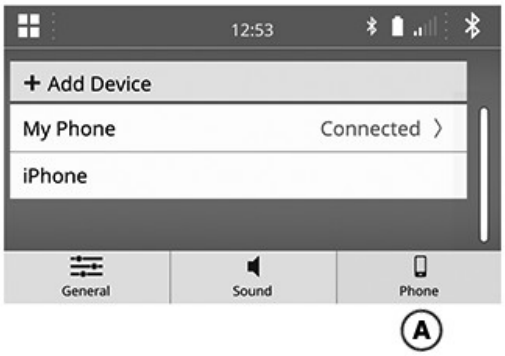
2. On the device to be added, select Device Name (C) from available devices. See device manual for Bluetooth® pairing procedure on device.

RXA0165701—UN—09JAN19

3. Device Name (D) should be the name of the device being added. If the Device Name is correct, select Confirm (E). If Device Name is not correct, select Cancel (F) and start pairing over.

KD34109,0000800-19-25JAN19

Edit Device



RXA0165712—UN—09JAN19

Changes to paired Bluetooth® devices are made on Phone tab (A) in Settings.

RXA0165713—UN—04DEC18

To go to previous page, select Back (F).

To go to Phone Settings main page, select X (G).

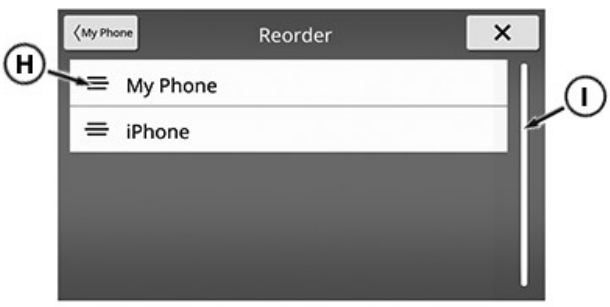
To edit desired device, select it from added device list.

Features available when editing a device:

Disconnect/Connect (B) — Select to disconnect or connect device. Text changes to indicate current action.

Delete (C) — Select to remove device from paired device list.

Phonebook Download — Allows downloading of device phonebook when enabled and allowed from device. Slide radio button (D) right to enable or left to disable. Slide bar becomes highlighted when enabled.



RXA0165714—UN—04DEC18

Reorder (E) — Select to reorder devices in list. Reorder page displays. Select and hold reorder bars (H) to drag device to desired location in list. To scroll up and down through list, turn scroll knob or drag scroll bar (I).

KD34109,0000801-19-25JAN19

Dealer (Advanced) Settings – Touch Screen Radio

Important - Please Read

IMPORTANT: Improper adjustment of dealer settings could severely inhibit radio function.

KD34109,0000024-19-17JAN19

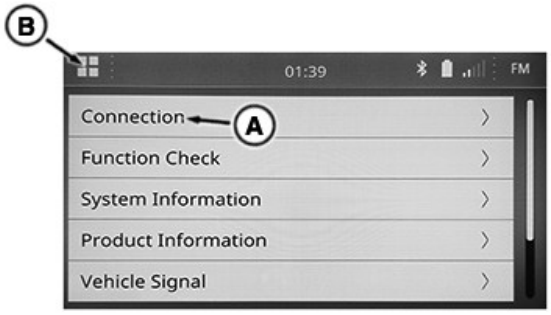
Access Dealer Settings

RXA0166083—UN—17JAN19

To access dealer settings, press select button (B) six times while holding down menu button (A).

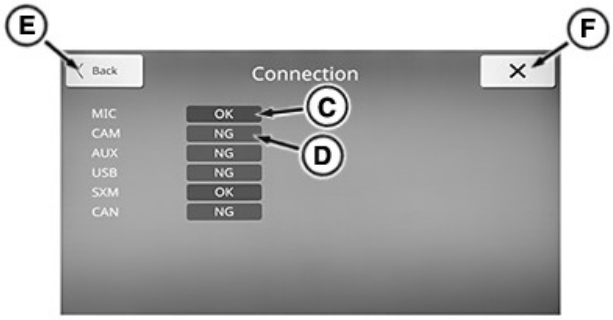
KD34109,0000026-19-17JAN19

Connection



RXA0166088—UN—18JAN19

Select Connection (A) to access connection information.



RXA0166089—UN—18JAN19

OK (C) — Displays if connection is present.

NG (D) — Displays if connection is not present.

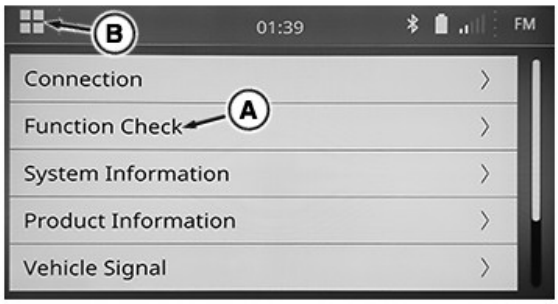
To go to dealer settings main page, select Back (E) or X (F).

To exit dealer settings, select home key (B).

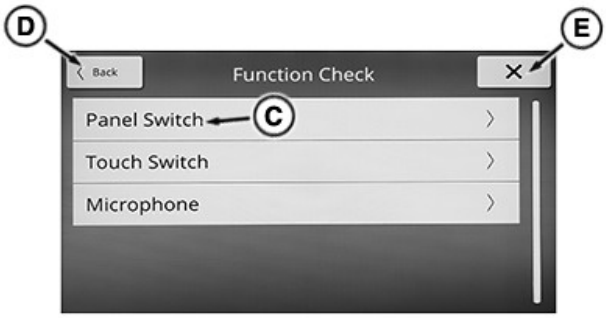
KD34109,000001D-19-06FEB19

Panel Switch

Check to see if knobs and buttons are functioning properly.

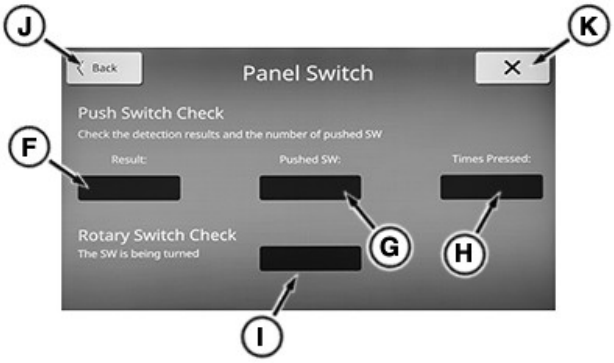


RXA0166167—UN—25JAN19



RXA0166168—UN—25JAN19

Select Function Check (A), then Panel Switch (C) to access Panel Switch page.



RXA0166169—UN—25JAN19

To check the button function, select any button on the front of the radio.

Result (F) — Displays whether button press is short, long, or released.

Pushed SW (G) — Displays which button is pressed.

Times Pressed (H) — Displays how many times button has been pressed.

To check the knob function, turn either knob on the front of the radio.

SW turned (I) — Displays the following:

- Which knob was turned.
- Which direction knob was turned. A hyphen (-) indicates counterclockwise.
- If knob was turned once or more than once. A 1 displays for one turn and a 2 displays for more than one turn.

To go to Function Check list, select Back (J) or X (K).

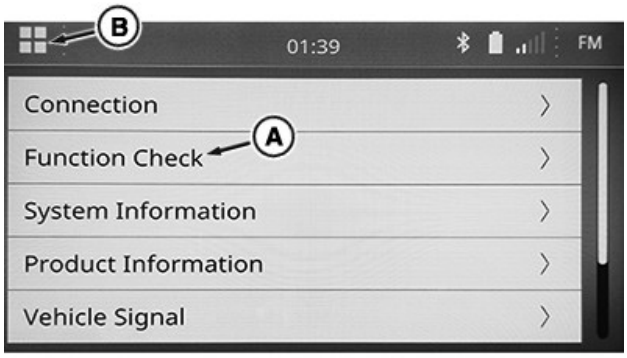
To go to dealer settings main page, select Back (D) or X (E).

To exit dealer settings, select home key (B).

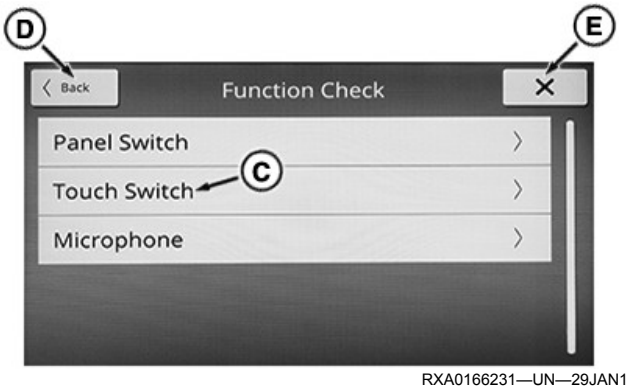
KD34109,000001E-19-13FEB19

Touch Switch

Check to see if touch screen is functioning properly.

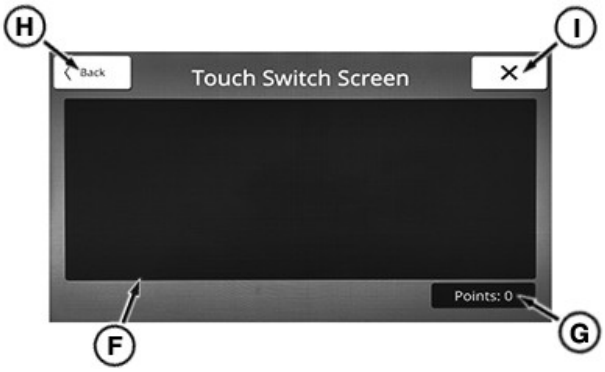


RXA0166230—UN—29JAN19



RXA0166231—UN—29JAN19

Select Function Check (A), then Touch Switch (C) to access Touch Switch Screen.



RXA0166232—UN—29JAN19

Touch Check Area (F) — Touch any point(s) in this area. An indicator displays where the screen was touched if working properly. Indicator disappears when touch is released.

Points (G) — Displays whether one or more points on screen are being touched at one time. A 1 displays for one point touched and a 2 displays for more than one point touched.

To go to Function Check list, select Back (H) or X (I).

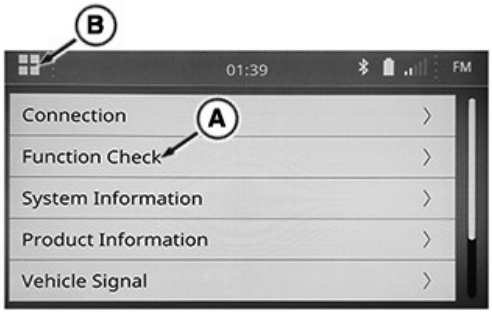
To go to dealer settings main page, select Back (D) or X (E).

To exit dealer settings, select home key (B).

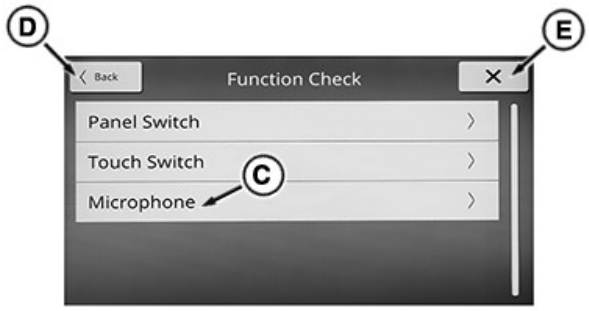
KD34109,0000028-19-13FEB19

Microphone

Check the input level of the microphone.

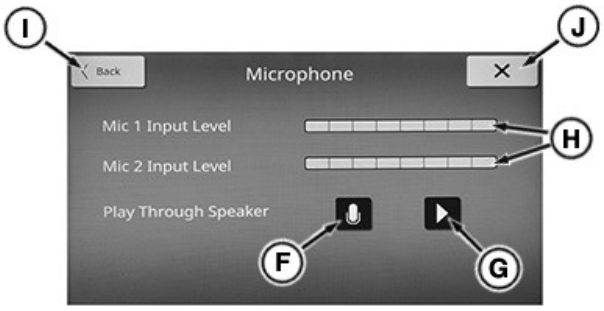


RXA0166093—UN—21JAN19



RXA0166094—UN—21JAN19

Select Function Check (A), then Microphone (C) to access input check.



RXA0166095—UN—21JAN19

Speak into microphone. Input levels display on bars (H). For microphone location, see Microphone in External Audio Sources – Touch Screen Radio section of this Operator's Manual.

For information on adjusting microphone volume, see Microphone Volume in Settings-Sound – Touch Screen Radio section of this Operator's Manual.

To go to Function Check list, select Back (I) or X (J).

To go to dealer settings main page, select Back (D) or X (E).

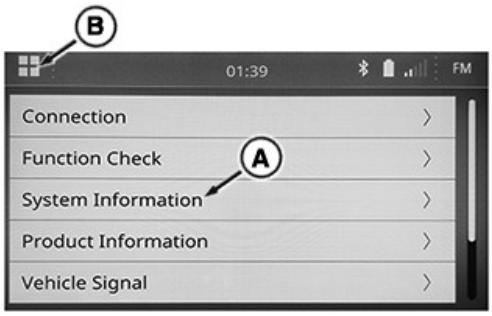
Record and Play Back

1. Select record (F) and speak into microphone.
2. Select record key again to stop recording.
3. Select play (G). Recorded message plays through speakers. Input levels display on bars (H) while message plays.

To exit dealer settings, select home key (B).

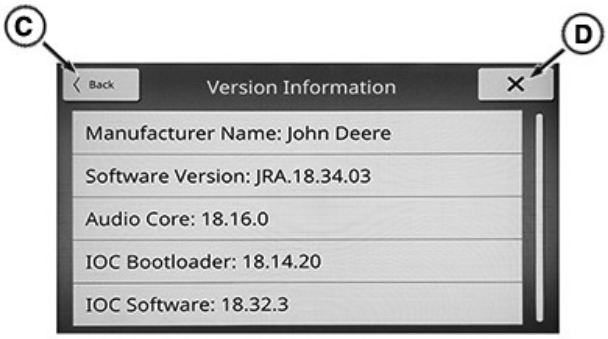
KD34109,0000029-19-27FEB19

System Information



RXA0166098—UN—21JAN19

Select System Information (A) to access Version Information.



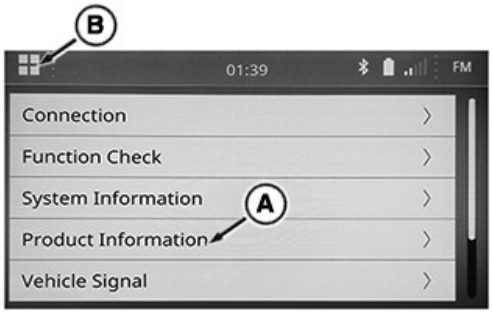
RXA0166099—UN—21JAN19

To go to dealer settings main page, select Back (C) or X (D).

To exit dealer settings, select home key (B).

KD34109,000001F-19-06FEB19

Product Information



RXA0166096—UN—21JAN19

Select Product Information (A) to access product ID.

RXA0166097—UN—21JAN19

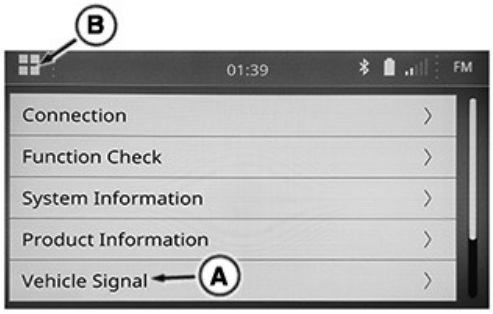
Product identification number (C) displays.

To go to dealer settings main page, select Back (D) or X (E).

To exit dealer settings, select home key (B).

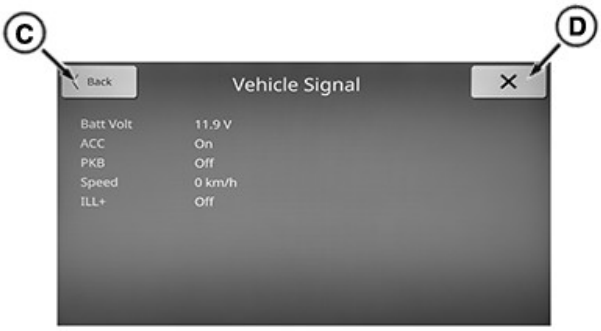
KD34109,0000020-19-29JUL19

Vehicle Signal



RXA0166091—UN—21JAN19

Select Vehicle Signal (A) to access connection information.



RXA0166092—UN—21JAN19

To go to dealer settings main page, select Back (C) or X (D).

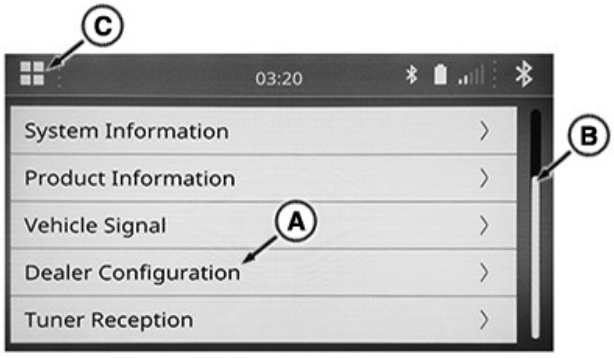
To exit dealer settings, select home key (B).

KD34109,0000021-19-06FEB19

Speaker Configuration

Adjust speaker configuration setting.

NOTE: Recycle ignition after changing this setting.

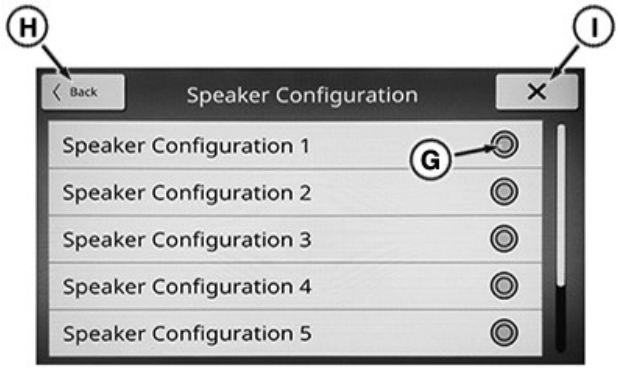


RXA0166100—UN—22JAN19

RXA0166101—UN—22JAN19

Select Dealer Configuration (A), then Speaker Configuration (D) to access setting.

To move up and down through list, turn scroll knob or drag scroll bar (B).



RXA0166102—UN—22JAN19

Select radio button (G) for desired speaker configuration. Radio button is highlighted when selected. Configurations are detailed in the following table.

Setting	Configuration	Front-Left	Front-Right	Rear-Left	Rear-Right	Fade	Balance
1	2 Speaker	Speaker	Speaker	—		No	Yes
2	2 Speaker	—		Speaker	Speaker	No	Yes
3	2 Speaker with Subwoofer	Speaker + Subwoofer	Speaker + Subwoofer	—		No	Yes
4	2 Speaker with Subwoofer	Speaker + Subwoofer	Speaker	—	Subwoofer	No	Yes
5	4 Speaker	Speaker	Speaker	Speaker	Speaker	Yes	
6[a]	4 Speaker with Subwoofer	Speaker + Subwoofer	Speaker	Speaker	Speaker + Subwoofer	Yes	
7	6 Speaker with Subwoofer with 2 Fronts in Parallel with Tweeters	Speaker + Tweeter + Subwoofer	Speaker + Tweeter	Speaker	Speaker + Subwoofer	Yes	

[a]*Default configuration*

When setting is adjusted, a System Reset Required message displays. Select Confirm to approve change and restart system or Cancel to keep current setting.

To go to Dealer Configuration list, select Back (H) or X (I).

To go to dealer settings main page, select Back (E) or X (F).

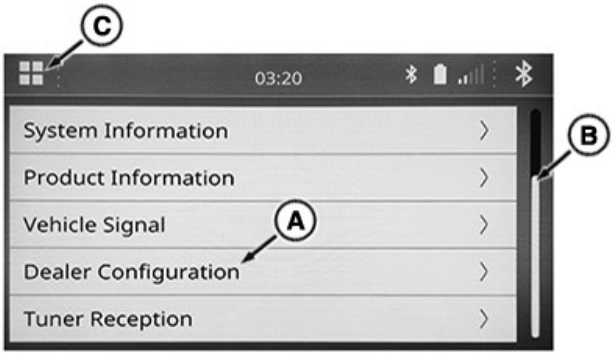
To exit dealer settings, select home key (C).

KD34109,0000004-19-13FEB19

Tuner Band Region

Change region setting for tuner band.

NOTE: Recycle ignition after changing this setting.

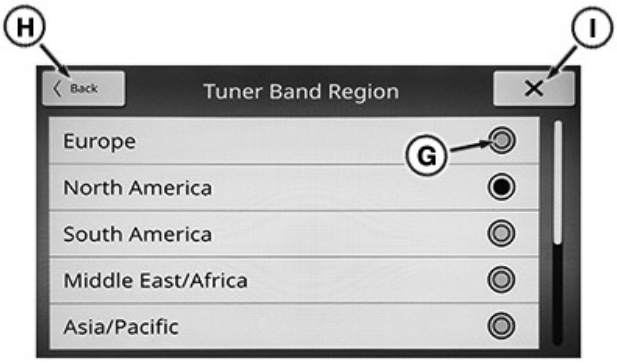


RXA0166103—UN—22JAN19

RXA0166104—UN—22JAN19

Select Dealer Configuration (A), then Tuner Band Region (D) to access setting.

To move up and down through list, turn scroll knob or drag scroll bar (B).



RXA0166105—UN—22JAN19

Select radio button (G) for desired region. Radio button is highlighted when selected. Regions are detailed in the following table.

Setting	Region	Radio
North America	United States / Canada / Mexico / Caribbean / Nicaragua	North America
Europe	Europe / Commonwealth of Independent States (CIS) / Russia	Export

Setting	Region	Radio
South America	South America	Export
Middle East / Africa	Middle East / Africa	Export
Asia / Pacific	Asia / Pacific (excluding Japan)	Export
Taiwan	Taiwan	Export
Philippines	Philippines	Export
Australia / New Zealand	Australia / New Zealand	Export
Japan	Japan	Japan

When setting is adjusted, a System Reset Required message displays. Select Confirm to approve change and restart system or Cancel to keep current setting.

To go to Dealer Configuration list, select Back (H) or X (I).

To go to dealer settings main page, select Back (E) or X (F).

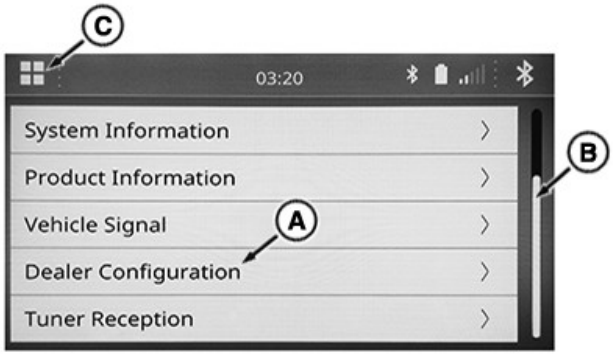
To exit dealer settings, select home key (C).

KD34109,0000003-19-13FEB19

SiriusXM® Enable (United States-Puerto Rico-Canada)

Enable or disable SiriusXM® on radio.

NOTE: Recycle ignition after changing this setting.



RXA0166115—UN—22JAN19

Select Dealer Configuration (A) to access SiriusXM® Enable.

To move up and down through list, turn scroll knob or drag scroll bar (B).

RXA0166116—UN—22JAN19

Slide radio button (D) right to enable or left to disable. Slide bar becomes highlighted when enabled.

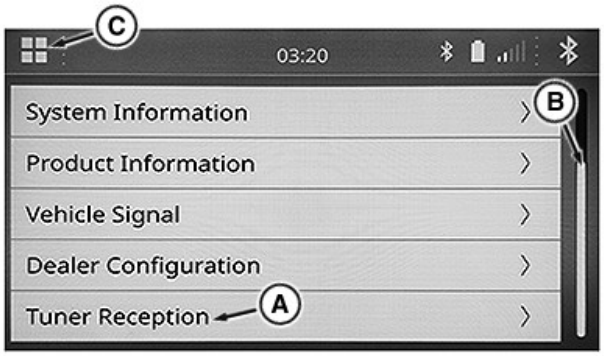
When setting is adjusted, a System Reset Required message displays. Select Confirm to approve change and restart system or Cancel to keep current setting.

To go to dealer settings main page, select Back (E) or X (F).

To exit dealer settings, select home key (C).

KD34109,0000023-19-27FEB19

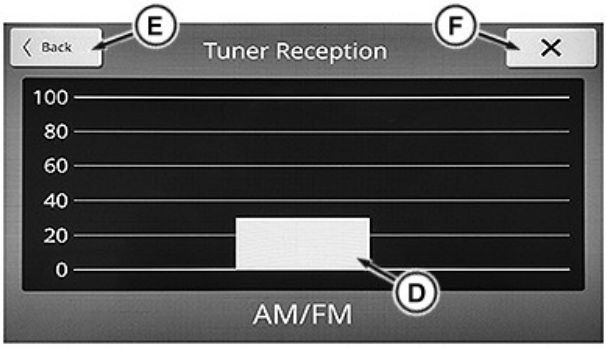
Tuner Reception



RXA0166239—UN—29JAN19

Select Tuner Reception (A) to access reception information.

To move up and down through list, turn scroll knob or drag scroll bar (B).



RXA0166240—UN—29JAN19

Bar (D) indicates current level of AM/FM tuner reception.

To go to dealer settings main page, select Back (E) or X (F).

To exit dealer settings, select home key (C).

KD34109,0000022-19-06FEB19

Factory (Advanced) Settings – Touch Screen Radio

Important - Please Read

IMPORTANT: Improper adjustment of factory settings could severely inhibit radio function.

KD34109,0000025-19-17JAN19

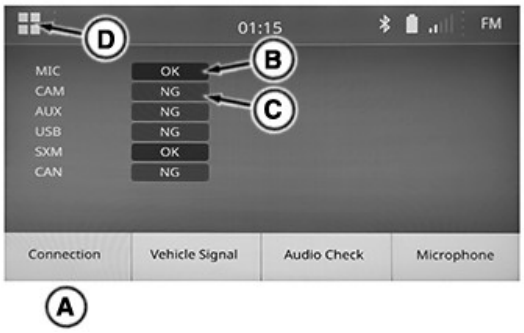
Access Factory Settings

RXA0166083—UN—17JAN19

To access factory settings, press select button (B) two times while holding down menu button (A).

KD34109,0000027-19-17JAN19

Connection



RXA0166084—UN—18JAN19

Select Connection tab (A) to access connection information.

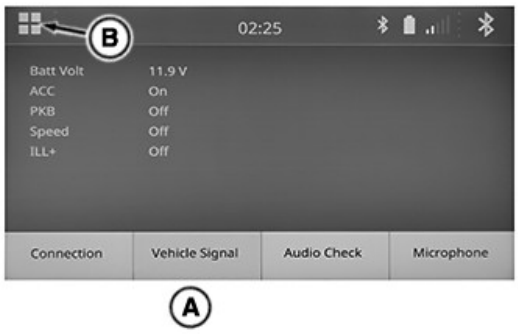
OK (B) — Displays if connection is present.

NG (C) — Displays if connection is not present.

To exit factory settings, select home key (D).

KD34109,0000018-19-06FEB19

Vehicle Signal



RXA0166085—UN—18JAN19

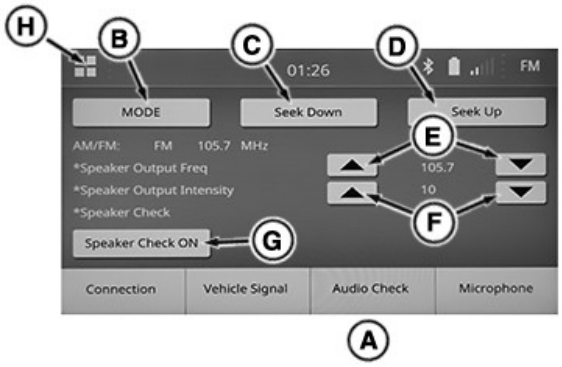
Select Vehicle Signal tab (A) to access connection information.

To exit factory settings, select home key (B).

KD34109,0000019-19-06FEB19

Audio Check

Verify that speakers are working properly.



RXA0166086—UN—18JAN19

Select Audio Check tab (A) to check speakers.

Speaker output frequency and volume can be adjusted using the following:

Mode (B) — Select to change frequency mode.

Seek Down (C) — Select to search for next available frequency with a lower number.

Seek Up (D) — Select to search for next available frequency with a higher number.

Frequency Adjustment Arrows (E) — Select up arrow to increase or down arrow to decrease frequency in increments of 0.02.

Intensity Adjustment Arrows (F) — Select up arrow to increase or down arrow to decrease volume in increments of 1.

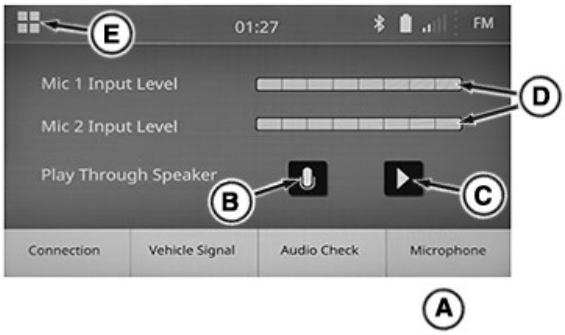
Select Speaker Check key (G) to check output. Each speaker plays static at maximum volume. Select again to stop check. Text on key changes to indicate current action.

To exit factory settings, select home key (H).

KD34109,000001A-19-22JAN19

Microphone

Check the input level of the microphone.



RXA0166087—UN—18JAN19

Select Microphone tab (A) to access input check.

Speak into microphone. Input levels display on bars (D). For microphone location, see Microphone in External Audio Sources – Touch Screen Radio section of this Operator's Manual.

For information on adjusting microphone volume, see Microphone Volume in Settings-Sound – Touch Screen Radio section of this Operator's Manual.

Record and Play Back

1. Select record (B) and speak into microphone.
2. Select record key again to stop recording.
3. Select play (C). Recorded message plays through speakers. Input levels display on bars (D) while message plays.

To exit factory settings, select home key (E).

KD34109,000001B-19-27FEB19

Troubleshooting

Troubleshooting		
Topic	**Problem**	**Solution**
USB Flash Drive	Audio and video files will not play or software will not install.	Radio may not be compatible with the particular USB flash drive, or it could have a non-compatible format. John Deere recommends using a newer flash drive and ensuring it is formatted with FAT32 file system.
Radio Stations	Radio switches to frequencies on which no station in the region is broadcasting.	Receiver may have been set to a frequency band not available in the region. Configure radio to the region it is being used in. See Tuner Band Region in Dealer (Advanced) Settings – Touch Screen Radio section of this Operator's Manual.
Auxiliary (AUX) Source	AUX audio source is not available.	Some John Deere receivers only show the AUX source in the menu when device is plugged into the 3.5 mm AUX port inside the cab. If an AUX source is not showing up in the source list, ensure the plug is fully inserted into the AUX jack. If problem persists, see your John Deere dealer.
Bluetooth® Speech	Speech sound quality bad when using Bluetooth® hands-free unit.	Try one or more of the following: • Make sure the air louvers are not directing the air of the fan towards the microphone. • Phone battery power too low, connect charger cable. • Increase the volume of the Bluetooth® device or Phone. • Check phone noise reduction setting. Some phones may work better with their settings disabled rather than enabled over an in-vehicle radio network. • Initiate call again. Sometimes the cellular connection introduces poor signal quality into the system which is sometimes corrected by ending call and placing it again.

KD34109,00004AF-19-27MAR19

Specifications – Touch Screen Radio

Specifications

	Radio		
	North America	**Global Including Europe**	**Japan**
Operating Voltage	9—16 V		
Output	4 x 20 watts (sine at 4 ohms)		
FM Frequency Bands	87.7—107.9 MHz	87.5—108.0 MHz	76.0—90.0 MHz
AM Frequency Bands	530—1710 kHz	520—1710 kHz	531—1602 kHz
FM Frequency Response	30—15000 Hz		
Operating Temperature	-40 to +70°C		
Required Fuse Protection (on vehicle)	10 A		
Total Harmonic Distortion (THD)	Less Than or Equal to 4% at Maximum Output		
Bluetooth® Frequency Response	20—15000 Hz		
Bluetooth® Radiated Power (max)	9 dBm		

Supported USB and Bluetooth® File Types	
Media Format	**File Type**
Audio	.mp3, .wma, .aac, .m4a, .wav
Video[ab]	.wmv, .flv, .mp4, .avi
Playlist	.pls, .m3u, .wpl

[a]Only available for USB.
[b]Encoded with H.264/MPEG-4 AVC video compression format.

Supported Bluetooth® 4.0 Profiles
Hands-Free Profile 1.5 (HFP)
Message Access Profile (MAP)
Device Identification Profile (DID)
Advanced Audio Distribution Profile (A2DP)
Audio/Video Remote Control Profile (AVRCP)
Phone Book Access Profile (PBAP)

KD34109,0000802-19-20JAN20

Product and SiriusXM® Identification Numbers

Record identification numbers in space provided.

Product Identification Number:

_____

To locate product ID, see Product Information in Dealer (Advanced) Settings – Touch Screen Radio section of this Operator's Manual.

SiriusXM® Radio Identification Number (United States-Puerto Rico-Canada):

_____

To locate SiriusXM® radio ID, see SiriusXM® Settings (United States-Puerto Rico-Canada) in Settings-General – Touch Screen Radio of this Operator's Manual.

KD34109,0000803-19-25JUL19

Advisory Messages

SiriusXM® Advisory Messages (North America)	
Message	**Description/Solution**
Subscription Updated	The SiriusXM® subscription for the radio receiver has been updated.
No Signal	No signal or weak signal. Error message displays until signal strength is restored.
Check Antenna	There is a problem with the connection between the SiriusXM® Antenna and Radio, or the SiriusXM® antenna itself. If message persists, see your John Deere dealer.
Channel Not Subscribed	A subscription is required to access the channel. Call SiriusXM® to subscribe.
Active Channel Becomes Unsubscribed	A subscription to the selected channel has expired. Call SiriusXM® to resubscribe.
Channel Not Available	Selected channel is no longer available. The radio system may automatically change to the previous channel.

KD34109,0000804-19-27MAR19

Federal Communications Commission (FCC) Declaration

This device complies with Part 15 of the FCC Rules and with Innovation, Science, and Economic Development Canada license-exempt RSS standard(s).

Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: - Increase the separation between the equipment and receiver. Consult the dealer or an experienced radio technician for help.

KD34109,000002B-19-20JAN20

Federal Communications Commission (FCC) Warning

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Exposure to Radio Frequency Radiation

The radiated output power of this internal wireless radio is far below the FCC radio frequency exposure limits. Nevertheless, the wireless radio shall be used in such a manner that the radio is 20 cm or further from the human body.

KD34109,000002C-19-08FEB19

Mexico Bluetooth® Information

RXA0166685—UN—27FEB19

La operación de este equipo está sujeta a las siguientes dos condiciones:
(1) Es posible que este equipo o dispositivo no cause interferencia perjudicial y
(2) Este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

RXA0166684—UN—27FEB19
KD34109,0000038-19-26FEB19

Paraguay Bluetooth® Information

NR:2019-03-1-000142

RXA0169037—UN—19JUN19

Paraguay CONATEL

KUROSU & CIA. S.A. Ruta Transchaco Km. 18.5 2040 MARIANO ROQUE ALONSO 0059521755511
AUTOMOTORES Y MAQUINARIA S.A.E.C.A YEGROS ESQ. F. R. MORENO 00000000 ASUNCION 595-21-493-111

KD34109,0000499-19-19JUN19

Brazil Bluetooth® Information

RXA0166687—UN—27FEB19

Este equipamento opera em caráter secundário, isto é, não tem direito a proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário.

RXA0166686—UN—27FEB19
KD34109,0000030-19-27FEB19

Argentina Bluetooth® Information

RXA0166688—UN—27FEB19
KD34109,000049A-19-27FEB19

South Africa Bluetooth® Information

RXA0166689—UN—27FEB19
KD34109,0000031-19-27FEB19

Declaration of Conformity

Hereby, Harman International Industries, Incorporated declares that the radio equipment type NGRadio is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:

www.harman.com/compliance

Full text of 2014/53/EU for relevant country:	
Country	**Directive**
Estonia	2014/53/EL
Lithuania	2014/53/ES
Latvia	2014/53/ES
United Kingdom	2014/53/EU
Czech Republic	2014/53/EU
Denmark	2014/53/EU
Germany	2014/53/EU
Austria	2014/53/EU
Finland	2014/53/EU
Croatia	2014/53/EU
Hungary	2014/53/EU
Netherlands	2014/53/EU
Slovakia	2014/53/EU
Sweden	2014/53/EU
Spain	2014/53/UE
France	2014/53/UE
Belgium	2014/53/UE
Luxembourg	2014/53/UE
Italy	2014/53/UE
Poland	2014/53/UE
Portugal	2014/53/UE
Romania	2014/53/UE
Malta	2014/53/UE
Greece	2014/53/EE
Cyprus	2014/53/EE
Bulgaria	2014/53/EC
Ireland	2014/53/AE

Bluetooth® Specifications

Bluetooth® Frequency Response	20—15000 Hz
Bluetooth® Radiated Power (max)	9 dBm

KD34109,0000805-19-20JAN20

Eurasian Economic Union

TS1738—UN—26APR16

EAC Marking

This information applies only to products which bear the EAC conformity mark of the Eurasian Economic Union member states.

Manufacturer:
Deere & Company, Moline, Illinois U.S.A.

Name of the authorized representative in the Eurasian Economic Union:
Limited Liability Company
“John Deere Rus”

Address of the authorized representative:
142050, Russia, Moscow region, Domodedovo district, Domodedovo, Beliye Stolbi micro district, vladenye “Warehouse 104”, Building 2

For technical support, contact your dealer.

Date of manufacture is denoted by the product marking on or near the serial number plate.

KD34109,000002A-19-08FEB19

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