

VOLVO

VOLVO AUDIO SYSTEM

Operating Instructions

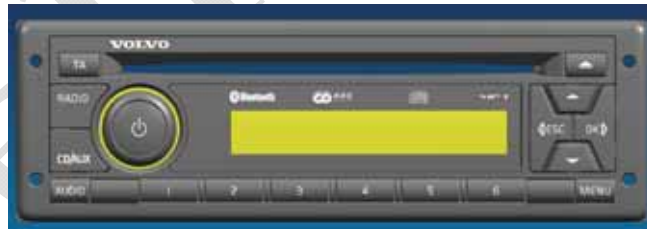
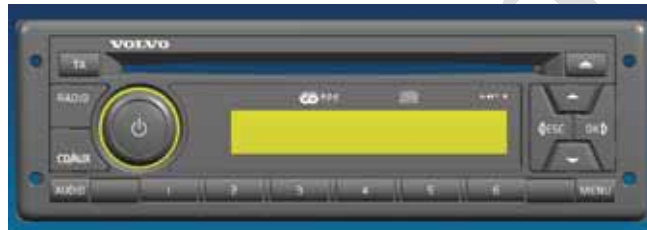


Table of Contents

Table of Contents	2
Introduction	3
Safe Operation of the Radio	3
General Overview	4
Radio / CD Controls Quick Reference Guide	4
Steering Wheel Controls Quick Reference Guide	5
Remote Control Quick Reference Guide	5
Display Quick Reference Guide	6
Radio LCD Display	6
Radio Data System (RDS)	7
Program Identification (PI Code)	7
Program Service Name (PS Code)	7
Alternative Frequency (AF Code)	7
Traffic Announcement and News	7
Traffic / News Announcements Rejection	8
Enhanced Information Concerning Other Networks (EON)	8
Emergency Announcement	8
Program Type (PTY)	8
Clock	9
Displaying the Time	9
12- or 12-Hour Format	9
Setting the Clock	9
Turning ON/OFF the Alarm	9
Setting the Alarm	9
Anti Theft Code	10
Main Functions	11
Power	11
Switching On & Off, Mute and Pause of the Audio System	11
Radio Mode	11
Band Selection (FM and AM Mode)	11
Seek in radio mode	11
Manually tuning	11
Presets	11
Scan in radio mode	12
Adjusting Volume Up and Down	12
Adjusting Bass Up and Down	12
Adjusting Treble Up and Down	12
Adjusting Balance Left and Right	12
Adjusting Fader Front and Back	12
Speakers Selection	13
Activate / Deactivate Speed Dependant Volume	13
CD Mode	13
Switch to CD Mode (From any other mode e.g. Radio Mode)	13
Eject a CD	13
Change a Track on a CD	13
Fast Forward or Fast Reverse on a CD	13
Play Tracks on a CD or music file in Random Order	14
Repeat Tracks on a CD or music file	14
Change to next another folder on a CD	14
Scan a CD	14
USB Mode	15
Switch to USB Mode (From any other mode e.g. Radio Mode)	15
Disconnect a USB	15
Change a Track on a USB	15
Fast Forward or Fast Reverse on a USB	15
Play Tracks on a USB or music file in Random Order	15
Repeat Tracks on a USB	16
Change to another Folder on a USB	16
Scan a USB	16
iPod Mode	16
Switch to iPod Mode (From any other mode e.g. Radio Mode)	16
Disconnect an iPod	16
Change a Track on an iPod	17
Fast Forward or Fast Reverse on an iPod	17
Play Tracks on an iPod in Random Order	17
Repeat Tracks on an iPod	17
Scan an iPod	17
AUX Mode	18
Bluetooth Handsfree Phone Mode	18
Bluetooth Activation	18
Add a Phone	18
Activate Another Phone	19
Delete a Phone	19
Delete all Phones	19
Tips and Tricks	19

Safe Operation of the Radio

The driving conditions today require that the driver pays full attention to the road at all times. It is advised that when using this radio while driving the driver maintain full concentration on the road. Therefore it is strongly advised to do the following:

- Never Change a CD or read CD labels while driving.
- Always Ensure the Volume of the Audio System is set so that outside acoustics can also be heard.

Introduction

The following instructions explain the general functions and operations of Volvo Radio Models.

Radio information is displayed through the LCD display on the radio.

The radio is commanded in three ways:

- By the Faceplate shown in Fig 1.
- By the Steering Wheel Controls in Fig 2 (optional feature).
- By the Remote Control in Fig 3 (optional feature).

The main functions of the audio unit are:

- Radio Mode.
- CD (supporting mp3 and WMA).
- USB (supporting mp3 and WMA).
- iPod.
- Auxiliary audio input.
- Hands free (Bluetooth Phone Operation).

General Overview

Radio / CD Controls Quick Reference Guide

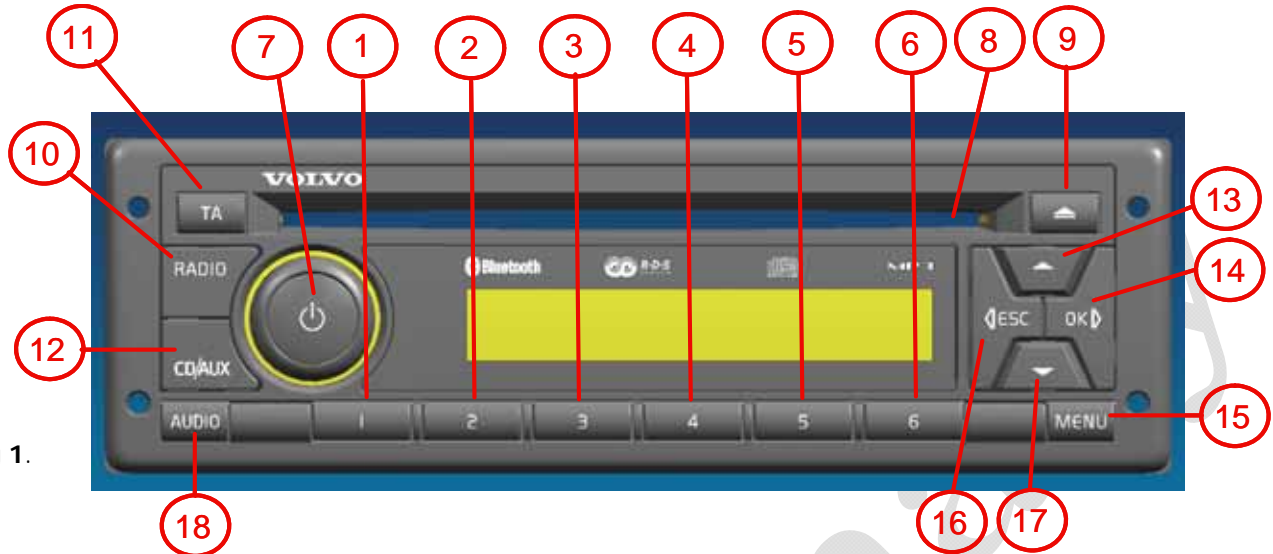


Fig 1.

- 1 "Preset #1" Button**
Radio: Push and release: Recall Preset Station
Radio: Push and hold: Store Preset Station
- 2 "Preset #2" Button**
Radio: Push and release: Recall Preset Station
Radio: Push and hold: Store Preset Station
- 3 "Preset #3" Button**
Radio: Push and release: Recall Preset Station
Radio: Push and hold: Store Preset Station
- 4 "Preset #4" Button**
Radio: Push and release: Recall Preset Station
Radio: Push and hold: Store Preset Station
- 5 "Preset #5" Button**
Radio: Push and release: Recall Preset Station
Radio: Push and hold: Store Preset Station
- 6 "Preset #6" Button**
Radio: Push and release: Recall Preset Station
Radio: Push and hold: Store Preset Station
- 7 "Rotary Knob/PWR" Button**
Push: Power On and Off
Turn: Volume Adjust & Audio Value Update
- 8 CD Slot**
CD: Insert / Remove CD
- 9 "Eject CD" Button**
CD: Eject CD
- 10 Radio Select Mode**
Radio: Choose from FM1, FM2 & AM Bands
- 11 Information (Traffic / News)**
Radio: Switch Traffic on or off
Radio: Cancel ongoing Traffic or News message
- 12 CD/Aux Mode Select**
CD/USB: Switch between sources other than radio
- 13 Up Button**
Radio: Manual tuning up
- 14 (Fast) Forward >> Button**
Radio: Seek
CD/USB: Push and release: Select Next Track
CD/USB: Push and hold: Fast Forward
Bluetooth Phone: Accept incoming call
- 15 Menu Button**
Radio: Push and release: Menu Access
- 16 (Fast) Reverse << Button**
Radio: Seek
CD/USB: Push and release: Select previous Track
CD/USB: Push and hold: Fast Reverse
Bluetooth Phone: Reject incoming call or hang up
iPod: Push and hold: Enter iPod menu
- 17 Down Button**
Radio: Manual tuning down
- 18 Audio Button**
General: Audio Settings

Steering Wheel Controls Quick Reference Guide

- 20** **"Next" Button**
Radio: Push and release: Seek
Radio: Push and hold: Manual tune up
CD/USB: Push and release: Select next track
CD/USB: Push and hold: Fast forward
- 21** **"Previous" Button**
Radio: Push and release: Seek
Radio: Push and hold: Manual tune down
CD/USB: Push and release: Select previous track
CD/USB: Push and hold: Fast reverse
- 22** **"YES" Button**
 Not used for radio functions
- 23** **"NO" Button**
 Not used for radio functions
- 24** **"Vol +" Button**
General: Increase Sound Volume
- 25** **"Vol -" Button**
General: Decrease Sound Volume

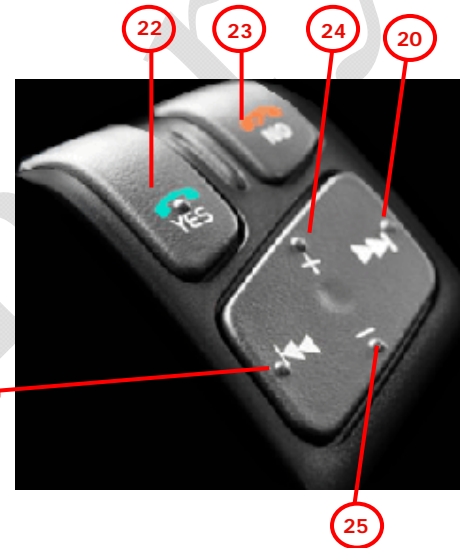


Fig 2 Volvo Steering Wheel Controls

Remote Control Quick Reference Guide

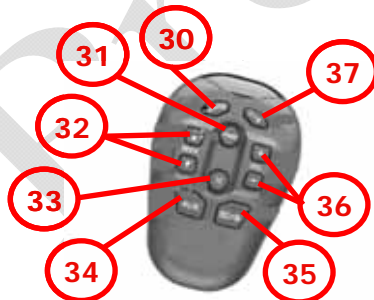


Fig 3

- 30** **"Band" Button**
Radio: Select between FM1, FM2 & AM Bands
- 31** **"PWR" Button**
General: Turns the Radio On and Off
- 32** **"Seek" Buttons**
Radio: Seek
CD/USB: Next or previous track
- 33** **"Mute / Pause" Button**
General: Mute or Pause the source of audio
- 34** **"Aux" Button**
Source: Select between USB, iPod or AUX
- 35** **"CD Select" Button**
CD: Select CD
- 36** **"Vol + / Vol -" Button**
 Adjust the volume up and down
- 37** **Preset 1 to 6**
Radio: Select a Preset Station

Display Quick Reference Guide

Radio LCD Display

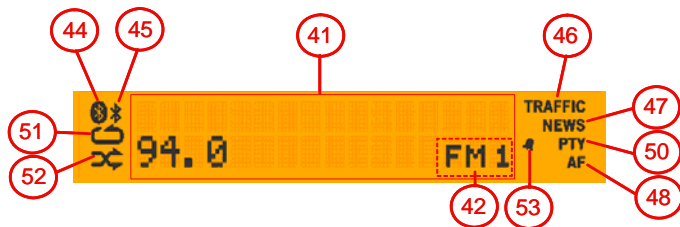


Fig 4

- 41 Text display**
Radio Displays radio band (FM/AM) and frequency
CD/USB Displays track, time and music when available
- 42 Source display (Part of (41))**
Radio Displays radio band (FM1, FM2 or AM)
CD/USB Displays other source than radio
- 44 Phone connected**
General Indicates that the phone is connected
- 45 Bluetooth on**
General Indicates that the Bluetooth function is on

- 46 Traffic Info**
General Indicates that the Traffic function is on
- 47 News Info**
General Indicates that the News function is on
- 48 AF**
General Indicates that the AF (Alternative frequency) function is on
- 50 PTY**
General Indicates that the PTY (Program type) function is on
- 51 Repeat**
CD/USB Display when Repeat is on
- 52 Random**
CD/USB Displayed when Random is on
- 53 Alarm**
General Indicates that the Alarm clock function is on

Radio Data System (RDS)

RDS is used by many radio stations throughout Europe. The system provides features such as Automatic frequency changing (AF) and trigger signals for Traffic announcements (TA) and News.

Program Identification (PI Code)

The radio identifies the station currently being received by decoding the PI Code.

Program Service Name (PS Code)

The name of the radio station that appears on the display is contained in the PS Code.

Alternative Frequency (AF)

The range for FM stations is quite limited. For this reason many stations transmit on alternative frequencies in different areas. By using the AF function, the driver can listen to such a station continuously without retuning the radio manually between the areas.

Some stations transmit different programs in different areas during some part of the day. To avoid tuning away from a locally sent program, the AF function can be set to stay with that program by using AF LOC (local).

When traveling long distances the reception of a locally sent program may be lost. In such case, using the AF REG (regional) will allow the radio to tune to other transmitters within that station.

When a radio search is performed the first time after activating AF, the radio creates an internal list of available stations. An additional search will be done due to that list, which makes the search faster. The list is sorted with respect to the stations' RDS codes and the stations may not be tuned in frequency order in an AF search.

AF Activation

To activate or deactivate AF, perform the following:

- 1) Push the MENU button .
- 2) Push button  OR  until "AF" is displayed.
- 3) Select the AF status by pushing button .

When AF is active, the display shows the AF icon.

Traffic Announcement (TA) and News






This feature allows the radio to play traffic or news announcements even if the radio is in CD mode. To ensure that the message is heard, the volume will be automatically adjusted to the highest of the three following volume levels.

- Volume level 10 .
- The present normal volume level.
- A retained TA/News volume level.

The TA/News volume is set by adjusting the volume during a TA/News announcement. The radio will retain this TA/News volume setting.

Traffic Activation

There are two ways to activate the Traffic function:

- 1) Push and release the information TA button .
- OR
- 1) Press the MENU button  on the radio.
- 2) Push button  or  until "TRAFFIC" is displayed.
- 3) Activate "TRAFFIC" by pressing button .

When Traffic is active, the display shows the Traffic icon.

Note: If Traffic is active, then the AF function will be active.

News Activation


To activate the News function, perform the following:

- 1) Press the MENU button  on the radio.
- 2) Push button  or  until "TRAFFIC" is displayed.
- 3) Activate "NEWS" by pressing button .

When News is active, the display shows the News icon.

Note: If News is active, then the AF function will be active.

Traffic / News Announcement Rejection

To reject a current Traffic or News announcement, Push and release the information TA  button.

Enhanced Information Concerning Other Networks (EON)

A network of stations may transmit News or Traffic announcements on just one of its stations. The RDS feature EON ensures that this information is received by doing an automatic frequency change. After the announcement the radio will return to the previous station.

Note: The Traffic and/or News functions need to be active for this feature to work.

Emergency Announcement - Alarm






In the event of a major disaster, an emergency announcement may be transmitted on the radio. When such is received, "ALARM" is displayed and the Volume is adjusted as for TA/News announcements.

Program Type (PTY)

Some stations transmit common program types, e.g. Sports, Drama and Finance, along with an identifying signal. This allows the user to search for such programs.

PTY Activation / Deactivation

To activate the News function, perform the following:

- 1) Press the MENU button  on the radio.
- 2) Push button  or  until "PTY" sub menu and activate/deactivate by pushing the button .
- 3) Change the program type by pushing the  button on the radio as many times necessary.










When PTY is active, the display shows the PTY icon.

When a search is performed, this is indicated by displaying the chosen Program type.

Clock










Displaying the Time

By default, the time of day is displayed only when the ignition is ON and the radio is OFF. The Clock can be set to show the time also when radio is ON, by doing the following:

- 1) Push MENU  button.
- 2) Push button    until "CLOCK" is displayed.
- 3) Push button  to enter Clock sub menu.
- 4) Push button    until "VISIBLE" is displayed.
- 5) Push button  to change between ON/OFF status.


















12- or 24-Hour Format

The clock can be set to 12-hour or 24-hour mode. The 12-hour mode distinguishes between AM and PM. To change the time format, do the following:

- 1) Push MENU  button.
- 2) Push button    until "CLOCK" is displayed.
- 3) Push button  to enter Clock sub menu.
- 4) Push button    until "12/24 HR" is displayed.
- 5) Push button  to change between 12H or 24H options.










Setting the Clock

Normally the time is set automatically by the trucks system. The option to manually set the time will then not be available. To set the clock manually, do the following:

- 1) Push MENU  button.
- 2) Push button    until "CLOCK" is displayed.
- 3) Push button  to enter Clock sub menu.
- 4) Push button    until "SET TIME" is displayed.
- 5) Push button  to enter the Set time sub menu.
- 6) Push button    to adjust the hours up or down respectively.
- 7) Push button  to set the hour and toggle to the minute adjustment.
- 8) Push button    to adjust the minutes up or down respectively.
- 9) Push button  to save the time and finish the process.


















Turning the alarm ON or OFF

To set turn On or Off the Alarm time, do the following:

- 1) Push MENU  button.
- 2) Push button    until reaching "Wake Up Alarm" is displayed.
- 3) Push button  to enter the Wake up alarm sub menu.
- 4) Push button    until "On/Off" is displayed.
- 5) Push  button to change the alarm status.

Setting the Alarm

To set the Alarm time, do the following:

- 1) Push MENU  button.
- 2) Push button    until "Wake up alarm" is displayed.
- 3) Push button  to enter the Wake up alarm sub menu.
- 4) Push button    until "Set time" is displayed.
- 5) Push button  to enter the Set time sub menu.
- 6) Push button    to adjust the hours up or down respectively.
- 7) Push button  to set the hour and toggle to the minute adjustment.
- 8) Push button    to adjust the minutes up or down respectively.
- 9) Push button  to save the time and finish the process.

Anti Theft Code (Guard)


The radio unit is set to function with only one vehicle. The Guard feature prohibits operation of the radio anywhere else. The Guard is automatic and no manual handling is normally needed.

In case of malfunction

If, by some reason, the radio fails in detecting the required vehicle, the user will be prompted to enter the Anti Theft Code (sticker found in Drivers Handbook). The display will then show "CODE 0000".

Please note that this is a malfunction and should be checked at an authorized workshop.

To enter the code, do the following:











- 1) For the current (blinking) digit, turn the volume knob  until the right number is shown.
- 2) Press the power button to enter the digit. The next digit will start to blink.
- 3) Repeat step 1 and 2 until all four digits has been entered.

The user has three tries to enter the code. If these are unsuccessful the radio will be locked for 60 minutes until three new tries are allowed.

Deactivating Guard


It is possible to deactivate Guard, but (is) not recommended.

To deactivate the Guard function, do the following:

- 1) Push MENU  button.
- 2) Push button    until "ADVANCE" is displayed.
- 3) Push button  to enter Advance sub menu.
- 4) Push button    until "GUARD" is displayed.
- 5) Push button  to enter.
- 6) Push button  to set Guard ON or OFF.

The user will be requested for the Anti Theft Code to deactivate or activate Guard. The display will then show "CODE 0000" with the first digit blinking.

To enter the code, do the following:

- 1) For the current (blinking) digit, turn the volume knob  until the right number is shown.
- 2) Press the power button to enter the digit. The next digit will start to blink.
- 3) Repeat step 1 and 2 until all four digits has been entered.

The user has three tries to enter the code. If these are unsuccessful the radio will be locked for 60 minutes until three new tries are allowed.

Main Functions

Many functions are controlled or adjusted through the radio Menu. If the Menu screen is open and the radio experiences no activity for a 10 second period, the radio will cancel any incomplete actions, close the Menu screen and return to normal operation. The radio will save all completed changes.

Power

Switching On & Off, Mute and Pause of the Audio System

The audio system is switched on or off by pressing the **7** button.

If the driver wants to quickly mute the audio system sound, press the **7** button.

Radio Mode

Band Selection (FM and AM)

To select the radio as the play mode, turn the radio on and press the RADIO button **10**.
The radio will then be active on the last used radio band (AM, FM etc).

To switch between the bands (AM/FM1/FM2/FM3) use the RADIO button **10**.

Seek in radio mode

There are two ways to seek for a radio station:

1) Use the Seek buttons **ESC** **16** or **OK** **14** to seek up or down respectively on the radio. Once a station is found the seek function will stop.

OR

2) Use the Seek buttons of the Steering Wheel Control **21** or **20** to seek up or down respectively on the radio. Once a station is found the seek function will stop.

Manually Tuning

Manual Tuning can be performed in two ways:

1) Push the **▲** **13** or **▼** **17** button to tune up or down respectively.

OR

2) Push and hold button **21** or **20** on the steering wheel, to tune up or down respectively.

Presets (Storing Radio Stations)

Up to 18 FM and 6 AM radio stations can be stored for fast access. There are three sets of FM radio preset bands, which are FM1, FM2, FM3, and one AM radio preset band. Each preset band can store 6 stations on buttons 1 thru 6.

To store a specific station into a preset button, do the following:

- 1) Push RADIO **10** button until the required frequency band is active (AM, FM1, FM2, FM3).
- 2) Tune the radio to the desired station.
- 3) Push and hold the desired preset button **1** **2** **3** **4** **5** **6**.
- 4) There will be a short as the station is stored. When audio returns the process is completed.

Presets (Selecting a Stored Radio Station)

To select one of the preset stations, perform the following:

- 1) Push the RADIO **10** button to select the required band (AM, FM1, FM2, FM3).
- 2) Push and release the required preset button **1** **2** **3** **4** **5** **6** to activate the desired station.

Scan in radio mode

The scan feature allows the user to perform a radio station search without having to toggle manually thru the stations. When in scan mode, each station found will play for 10 seconds to give the user a chance to sample the station program or music. The scan will then continue on to the next available station unless the user chooses to stop the scan and stay at the present station.

To enter scan mode, perform the following:

- 1) Press MENU button **15** on the radio.
- 2) Select "SCAN" by pressing **OK** **14**.

To exit scan mode and stay at the present station perform:

- 1) Press the RADIO **10** button.

Adjusting Volume Up and Down

The audio systems volume can be adjusted up by turning the **7** knob in a clockwise direction and adjusted down by turning the knob **7** in a counter-clockwise direction.

It can also be adjusted up and down by using the **24** **+** and **25** **-** on the steering wheel controls respectively.

Adjusting Bass Up and Down

The audio systems bass can be adjusted by pressing the AUDIO **18** button until BASS shows on the display.

The bass is then adjusted up by turning the **7** knob in a clockwise direction and adjusted down by turning the knob **7** in a counter-clockwise direction.

It can also be adjusted up and down by using **ESC** **16** or **OK** **14** on the radio respectively.

Adjusting Treble Up and Down

The audio systems treble can be adjusted by pressing the AUDIO **18** button until TREBLE shows on the display.

The treble is then adjusted up by turning the **7** knob in a clockwise direction and adjusted down by turning the knob **7** in a counter-clockwise direction.

It can also be adjusted up and down by using **ESC** **16** or **OK** **14** on the radio respectively.

Adjusting Balance Left and Right

The audio systems balance can be adjusted by pressing the AUDIO **18** button until BALANCE shows on the display.

The balance is then adjusted right by turning the **7** knob in a clockwise direction and adjusted left by turning the knob **7** in a counter-clockwise direction.

It can also be adjusted left and right by using **ESC** **16** or **OK** **14** on the radio respectively.

Adjusting Fader Front and Back

The audio systems fader can be adjusted by pressing the AUDIO **18** button until BALANCE shows on the display.

The balance is then adjusted right by turning the **7** knob in a clockwise direction and adjusted left by turning the knob **7** in a counter-clockwise direction.

It can also be adjusted left and right by using **ESC** **16** or **OK** **14** on the radio respectively.

Adjusting Mid (Medium Frequency Range) Up and Down














The audio systems mid can be adjusted by pressing the AUDIO button **18** until MID shows on the display.

The mid is then adjusted up by turning the **7** knob in a clockwise direction and adjusted down by turning the knob **7** in a counter-clockwise direction.

It can also be adjusted up and down by using **ESC** **16** and **OK** **14** on the radio respectively.

Speakers Selection




















The audio system can be adjusted to 4 or 2 speaker mode by performing the following:

- 1) Press the MENU button .
- 2) Push button   OR   until "ADVANCE" is displayed.
- 3) Press the   button to enter the "ADVANCE" submenu.
- 4) Push button   OR   until "SPEAKERS" is displayed.
- 5) Change between 2CH and 4CH by pressing the   button.

Activate Speed Dependant Volume (ASC)

The audio systems volume can be set to increase with the speed of the vehicle. This is sometimes preferred to compensate for road and engine sounds. The feature can be set to three levels of sensitivity, LOW, MID and HIGH.

To activate ASC, perform the following:



- 1) Press the MENU button .
- 2) Push button   OR   until "ADVANCE" is displayed.
- 3) Press button   to enter the Advance sub menu.
- 4) Push button   OR   until "ASC" is displayed.
- 5) Press button   to enter the ASC sub menu.
- 6) Push button   OR   to choose between LOW, MID and HIGH.
- 7) Press button   to enter the desired ASC setting.

CD Mode


The radio is designed to work with standard CD format and MP3 and WMA files. The CD player will accept CD-R as well as CD-RW discs.

Switch to CD Mode (From any other mode e.g. Radio Mode)

There are two ways to switch to the CD mode:









- 1) Push the CD/AUX button  until CD shows on display.
OR
- 2) Insert a CD into the CD slot .

Eject a CD

To eject a CD press the eject  button. When CD is ejected the radio will play the previous audio source. If the CD is not removed from the CD slot, it will automatically reload after 15 seconds.









Change a Track on a CD

There are two ways to change a track on a CD:

- 1) Push and release the   or   button on the radio to move to the next or previous track respectively.
OR
- 2) Using the steering wheel controls: Push and release the   or   button to move to the previous or next track respectively.














Fast Forward or Fast Reverse on a CD

Fast forwarding or reversing a CD can be performed in one of two ways:

- 1) Push and hold the   or   button on the radio to fast forward or fast reverse respectively.
OR
- 2) Using the steering wheel controls: Push and release the   or   button to move to fast reverse or fast forward respectively.

Play Tracks on a CD or in Random Order














There are two possible Random settings for a CD: Random All and Random Folder (If the content of the CD is stored in folders). To play tracks in random order, do the following:

- 1) Press the MENU button .
- 2) Push button   OR   until "RANDOM" is displayed.
- 3) Enter Random Sub menu by pressing button  .
- 4) Push button   OR   to choose between All and Folder.
- 5) Push button   to activate the desired Random mode.





Repeat Tracks on a CD

There are three possible Repeat settings for a CD: Repeat All, Repeat track and Repeat Folder (If the content of the CD is stored in folders). By default, Repeat All is active.

To change the repeat setting, do the following:

- 1) Press the MENU button .
- 2) Push button   OR   until "REPEAT" is displayed.
- 3) Enter Repeat Sub menu by pressing button  .
- 4) Push button   OR   to choose between All, Track and Folder.
- 5) Push button   to activate the desired Repeat mode.



Change to next another Folder on a CD

If the content of the CD is stored in folders, it is possible to change folders directly. To do this, push either the button   OR   button to move to the next or previous album/folder respectively.

Scan a CD

When CD is scanned, the first 10 seconds of each track is played.

To activate Scan, do the following:

- 1) Press the MENU button .
- 2) Select "SCAN" by pressing button  .

Scanning will stop if:

- 1) The face plate buttons   or  .
- OR
- 2) All tracks are browsed through.

External audio input

There are three possible external audio input modes, USB, iPod and Aux. A USB and an AUX device can be connected and accessible at the same time. However, if an iPod is connected the USB and the AUX devices will be disabled as an available source.

USB Mode


The radio is designed to work with USB devices formatted with the USB Mass Storage Device Class standard. Other USB devices may still work with the radio though.

If a USB device doesn't work properly, try reconnecting the device which may solve the problem in some cases.

A USB device must be connected prior to operating in this mode.

Switch to USB Mode

There are two ways to switch to USB mode.








- 1) Push the CD/AUX button  until USB shows on the display.
OR
- 2) Connect a USB device.

Disconnecting the USB device

No special preparations are needed to disconnect the USB device. When USB device is removed the radio will play the previous audio source.








Change a Track on USB Device

There are two ways to change a track on a USB:

- 1) Push and release the   or  button on the radio to move to the next or previous track respectively.
OR
- 2) Using the steering wheel controls: Push and release the   or   button to move to the previous or next track respectively.

Fast Reverse or Fast Forward on USB Device












Fast forwarding or reversing can be performed in one of two ways:

- 1) Push and hold the   or  button on the radio to fast forward or fast reverse respectively.
OR
- 2) Using the steering wheel controls: Push and release the   or   button to move to fast reverse or fast forward respectively.

Play Tracks on a USB Device in Random Order

There are two possible Random settings for a USB device: Random All and Random Folder (If the content of the USB device is stored in folders).

To play tracks in random order, do the following:








- 1) Press the MENU button .
- 2) Push button   OR   until "RANDOM" is displayed.
- 3) Enter Random Sub menu by pressing button .
- 4) Push button   OR   to choose between All and Folder.
- 5) Push button  to activate the desired Random mode.

16



Repeat Tracks on a USB Device

There are three possible Repeat settings for a USB device: Repeat All, Repeat track and Repeat Folder (If the content of the USB device is stored in folders). By default, Repeat All is active.

To change the repeat setting, do the following:

- 1) Press the MENU button .
- 2) Push button  OR  until "REPEAT" is displayed.
- 3) Enter Random Sub menu by pressing button .
- 4) Push button  OR  to choose between All, Track and Folder.
- 5) Push button  to activate the desired Repeat mode.



Change to another Folder on USB

If the content of the CD is stored in folders, it is possible to change folders directly. To do this, push either the button  OR  button to move to the next or previous album/folder respectively.



Scan a USB

When USB is scanned, the first 10 seconds of each track is played.

To activate Scan, do the following:

- 1) Press the MENU button .
- 2) Select "SCAN" by pressing button .

Scanning will stop if

- 1) The face plate buttons  OR .
- OR
- 2) All tracks are browsed through.

iPod Mode

The radio supports iPod Classic, iPod Video, and iPod nano.

The iPod settings, e.g. Shuffle or Repeat, used prior to connecting the iPod to the radio will be used by the radio.

An iPod device must be connected prior to operating in this mode.

Connecting the iPod

Connecting the iPod can be done with two different cable sets.


A split cable from the iPod 30-pin connector to a USB connector and a 3.5 mm audio connector.

A separate iPod/USB cable plus a 3.5 mm male/male stereo audio cable connected to the iPod earphone output. The iPod volume should in this case be set to maximum prior to connecting to the radio.

When the iPod is connected to the radio, the iPod's controls will lock. All control of the iPod is done by the radio buttons. When in this state, the iPod will display a Volvo logotype.

Switch to iPod Mode


There are two ways to switch to iPod mode:


- 1) Push the CD/AUX button  until iPod shows on the display.
- Or
- 2) Connect an iPod device.


Disconnecting the iPod device

No special preparations are needed to disconnect the iPod device. When the iPod device is removed the radio will play the previous audio source.

iPod Menu





When iPod is connected and source, the user can Push and hold the  button to enter the iPod Menu. This Menu contains some of the most common functions used in the iPod. E.g. the user can search for Artists and Albums, as well as starting a Playlist.

Push and hold the  button for 1 second to enter the iPod Menu at last used level.

Push and hold the  button for 2 seconds to enter the iPod Menu at top level.




Change a Track on iPod

There are two ways to change a track:

- 1) Push and release the  (16) or  (14) button on the radio to move to the next or previous track respectively.
OR
- 2) Using the steering wheel controls: Push and release the  (21) or  (20) button to move to the previous or next track respectively.

Fast Reverse or Fast Forward on iPod








Fast forwarding or reversing a CD can be performed in one of two ways:

- 1) Push and hold the  (14) button to fast forward.
OR
- 2) Using the steering wheel controls: Push and release the  (21) or  (20) button to move to fast reverse or fast forward respectively.

Please note that Push and hold the  (16) button will enter the iPod menu.








Play Tracks on iPod in Random Order

There are two possible Random settings for iPod: Random Album and Random All.
To play songs in random order, do the following:

- 1) Press the MENU button  (15).
- 2) Push button  (13) OR  (17) until "RANDOM" is displayed.
- 3) Enter Random Sub menu by pressing button  (14).
- 4) Push button  (13) OR  (17) to choose between All and Folder.
- 5) Push button  (14) to activate the desired Random mode.

Repeat a Track on iPod

There are two possible Repeat settings for iPod: Repeat One, and Repeat All.
To change the repeat setting, do the following:



- 1) Press the MENU button  (15).
- 2) Push button  (13) OR  (17) until "REPEAT" is displayed.
- 3) Enter Repeat Sub menu by pressing button  (14).
- 4) Push button  (13) OR  (17) to choose between All, Track and Folder.
- 5) Push button  (14) to activate the desired Repeat mode.

Scan iPod

When iPod is scanned, the first 10 seconds of each track is played.
To activate Scan, do the following:

- 1) Press the MENU button  (15).
- 2) Select "SCAN" by pressing button  (14).

Scanning will stop if

- 1) The face plate buttons  (16) or  (14).
OR
- 2) All tracks are browsed through.

AUX Mode

To select an auxiliary audio input:

Push the CD/AUX button  until Aux shows on the display.

An auxiliary audio input may be selected except when in iPod mode.

The output volume of the Aux device should be set to maximum.

Please note that for an Aux device, changing tracks, fast forwarding etcetera must be done directly on the Aux device.

Bluetooth Hands free Phone Mode

The radio is designed to work with mobile phones that support the Bluetooth Hands Free Profile 1.5. Other Bluetooth capable mobile phones may still work with the radio though.

To connect a mobile phone to the radio through Bluetooth, the following steps must be completed on the radio.

1) Activate the Bluetooth function.







2) Add the Phone.


Please note that corresponding steps have to be taken on the mobile phone.

An added phone will be stored in a list for quick access when connecting at another time.

Bluetooth Activation










The purpose of this process is to make a Bluetooth connection possible.


- 1) Push the MENU button .
- 2) Push button    until "Hands Free" is displayed.
- 3) Push button  to enter the Hands Free sub menu.
- 4) Push button  to activate Bluetooth.

When Bluetooth is active, the display shows the  icon.

Add a Phone

The purpose of this process is to make a connection between the radio and a phone as well as to add a phone to the radio phone list.














- 1) Push the MENU button .
- 2) Push button    until "Hands Free" is displayed.
- 3) Push button  to enter the Hands Free sub menu.
- 4) Push button    until "Add phone" is displayed.
- 5) Push button  to initiate the phone connection.

The radio will now do a search for a blue tooth phone. This is indicated by the  icon blinking. Note that the phone must be in a corresponding connecting state during this process.

When a connection is established, the user will be prompted to enter a code on the phone. Enter code 0000 to verify connection.















Activate another Phone

The purpose of this process is to disconnect a present bluetooth phone and establish a connection to another phone in the phone list.

- 1) Push the MENU button .
- 2) Push button    until "Hands Free" is displayed.
- 3) Push button  to enter the Hands Free sub menu.
- 4) Push button    until the display shows "ChangePhName" (where "PhName" will be the name of the presently connected phone).
- 5) Push button  to enter the Change phone sub menu.
- 6) Push button    until the phone name that is to be connected is displayed.
- 7) Push button  to connect to the other phone.















Delete a Phone

The purpose of this process is to delete a specific phone from the phone list in the radio.

- 1) Push the MENU button .
- 2) Push button    until "Hands Free" is displayed.
- 3) Push button  to enter the Hands Free sub menu.
- 4) Push button    until "Edit Phone" is displayed.
- 5) Push button  to enter the Edit Phone sub menu.
- 6) Push button    until the phone name that is to be deleted is displayed.
- 7) Push button  to delete the phone.
- 8) The display will show "Delete?" Push button  to verify.

Delete all Phones

The purpose of this process is to delete all phones from the phone list in the radio.

- 1) Push the MENU button .
- 2) Push button    until "Hands Free" is displayed.
- 3) Push button  to enter the Hands Free sub menu.
- 4) Push button    until "Edit Phone" is displayed.
- 5) Push button  to enter the Edit Phone sub menu.
- 6) Push button    until "Delete All" is displayed.
- 7) Push button  to delete the all phones.
- 8) The display will show "Are U sure?". Push button  to verify.

Tips and Tricks

USB and MP3

- WMA and MP3 are the only formats readable by the device.
- Playlist must be in .PLS or .M3U format.
- Playlist must contain the song in the USB device or CD.

Bluetooth

- Compatible with standard 1.5.
- More information at www.bluetooth.org.

iPod

- For better quality and connectivity use iPod adapter "Pocket Dock with line out and USB". www.sendstation.com.
- iPod firmware must be recently updated www.apple.com.

CD MP3

- Might take long time to read a CD MP3 if other files are within (non WMA, MP3, PLS or M3U).

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