WS-BB -10

WS-BB-10 High Performance Marine Receiver
OWNER'S MANUAL

(((SiriusXM)))
R E A D Y

w e t   s o u n d s
WETSOUNDS.COM

Dear Customer,

Thank you for purchasing Wet Sounds!

Congratulations! Thank You for purchasing the Wet Sounds WS-BB-10 High Performance Marine Receiver!

Wet Sounds professional marine audio products represent the ultimate in high performance marine audio. Wet Sounds products are specifically engineered to withstand the rigorous marine environment.

Please take a moment to read the instruction manual & connection guide before starting the installation. If you have any questions or concerns, please contact a certified Wet Sounds dealer or Wet Sounds Tech Support:

FCC ID:2AT9N-WS-BB-10

IC:25357-WSBB10

Federal Communication Commission (FCC) Radiation Exposure Statement

When using the product, maintain a distance of 20cm from the body to ensure compliance with RF exposure requirements.

FCC statements:

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or changes to this equipment. Such modifications or changes could void the user's authority to operate the equipment.

IC statements:

Radiation Exposure Statement:
This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Déclaration d'exposition aux radiations:
Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:
this device may not cause interference, and
this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil est conforme avec Industrie Canada RSS exemptes de licence standard(s). Son fonctionnement ne est soumis aux deux conditions suivantes:
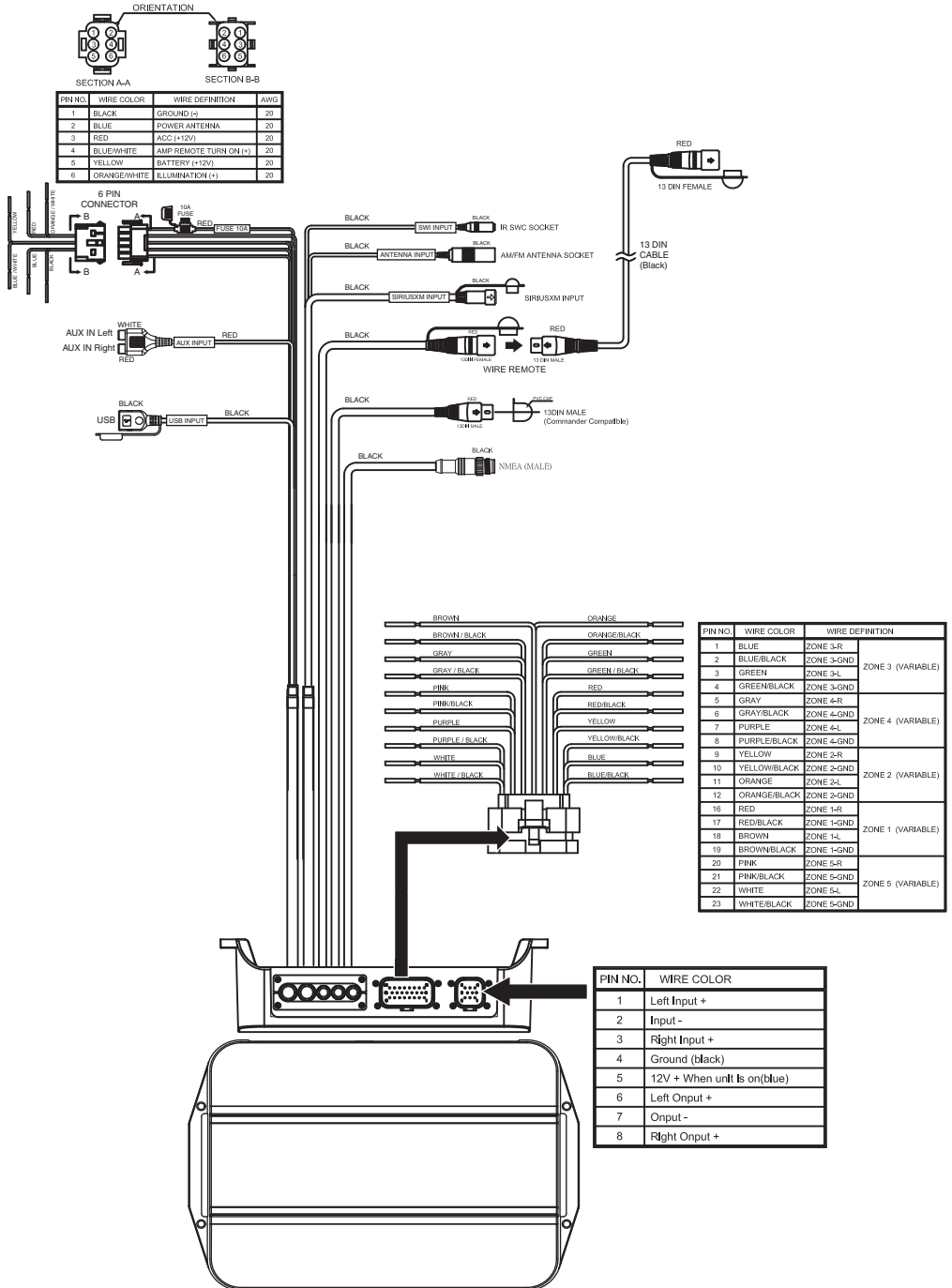(1) cet appareil ne peut pas provoquer d'interférences, et
(2) cet appareil doit accepter toute interférence, y compris celles pouvant causer un mauvais fonctionnement de l'appareil.

This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Model	WS-BB-10
Operating Voltage	10.5V - 16V
Fuse Rating	15A
Power Output	25 W X 4 @ 4 Ohms RMS 50 W x 4 @ 2 Ohms Peak
Max. RCA Output Voltage	4V
Output Impedance	500Ω
Frequency Response	20 - 20kHz
FM Frequency Range	87.5MHz - 107.9MHz
AM Frequency Range	530kHz - 1710kHz
WB Frequency Range	162.40 - 162.55 (US & Canada)
Tuner Presets	18 FM / 12 AM / 6 WB / 18 SXM
Clock	No Clock
Display	N/A
Bluetooth	3.0+EDR, A2DP 1.3
USB Compatibility	2.0
USB Capacity	32 GB max, 255 Folders max, 999 Songs max
USB Output	1A
Made for iPhone Model Names-	iPhone X iPhone 6 Plus iPhone 8 Plus iPhone 6 iPhone 8 iPhone 5S iPhone 7 Plus iPhone 5C iPhone 7 iPhone 5 iPhone 6s Plus iPhone 6s
Made for iPod Model Names	iPod Touch (6th generation) iPod Touch (5th generation)
Android Compatibility	Bluetooth® Only
Audio File Compatibility	MP3, WMA, FLAC

PIN NO.	WIRE COLOR	WIRE DEFINITION	AWG
1	BLACK	GROUND (-)	20
2	BLUE	POWER ANTENNA	20
3	RED	ACC (+12V)	20
4	BLUE/WHITE	AMP REMOTE TURN ON (+)	20
5	YELLOW	BATTERY (+12V)	20
6	ORANGE/WHITE	ILLUMINATION (+)	20

SECTION A-A SECTION B-B

ORIENTATION

6 PIN CONNECTOR

10A FUSE FUSE 10A

SWI INPUT — IR SWC SOCKET

ANTENNA INPUT — AM/FM ANTENNA SOCKET

SIRIUSXM INPUT — SIRIUSXM INPUT

AUX IN Left / AUX IN Right — AUX INPUT

USB — USB INPUT

WIRE REMOTE

13 DIN FEMALE

13 DIN CABLE (Black)

13 DIN MALE

13DIN MALE (Commander Compatible)

NMEA (MALE)

PIN NO.	WIRE COLOR	WIRE DEFINITION	
1	BLUE	ZONE 3-R	ZONE 3 (VARIABLE)
2	BLUE/BLACK	ZONE 3-GND	
3	GREEN	ZONE 3-L	
4	GREEN/BLACK	ZONE 3-GND	
5	GRAY	ZONE 4-R	ZONE 4 (VARIABLE)
6	GRAY/BLACK	ZONE 4-GND	
7	PURPLE	ZONE 4-L	
8	PURPLE/BLACK	ZONE 4-GND	
9	YELLOW	ZONE 2-R	ZONE 2 (VARIABLE)
10	YELLOW/BLACK	ZONE 2-GND	
11	ORANGE	ZONE 2-L	
12	ORANGE/BLACK	ZONE 2-GND	
16	RED	ZONE 1-R	ZONE 1 (VARIABLE)
17	RED/BLACK	ZONE 1-GND	
18	BROWN	ZONE 1-L	
19	BROWN/BLACK	ZONE 1-GND	
20	PINK	ZONE 5-R	ZONE 5 (VARIABLE)
21	PINK/BLACK	ZONE 5-GND	
22	WHITE	ZONE 5-L	
23	WHITE/BLACK	ZONE 5-GND	

PIN NO.	WIRE COLOR
1	Left Input +
2	Input -
3	Right Input +
4	Ground (black)
5	12V + When unit is on(blue)
6	Left Onput +
7	Onput -
8	Right Onput +

Installation / Mounting

Contents
- Source Unit
- Installation & Operation Manual

Installation Considerations

The following is a basic list of tools needed for installation:

- Volt/Ohm meter
- Wire strippers
- Wire crimpers
- Wire cutters
- #2 Phillips screwdriver
- Battery post wrench
- Hand held drill w/ assorted bits

- Heat shrink tubing
- Soldering iron
- Solder
- Heat gun
- 7mm wrench

This section focuses on some of the vehicle considerations for installing your new source unit. Pre-planning your system layout and best wiring routes will save installation time. When deciding on the layout of your new system, be sure that each component will be easily accessible for making adjustments.

If you feel unsure about installing this system yourself, have it installed by a qualified Audio technician.

Before installation, disconnect the battery negative (-) terminal to prevent damage to the unit, fire and/or possible injury.

Before beginning any installation, follow these simple rules:

1. Be sure to carefully read and understand the instructions before attempting to install the unit.
2. For safety, disconnect the negative lead from the battery prior to beginning the installation.
3. For easier assembly, we suggest you run all wires prior to mounting your unit in place.
4. Route all of the RCA cables close together and away from any high current wires.
5. Use high quality connectors for a reliable installation and to minimize signal or power loss.
6. Think before you drill! Be careful not to cut or drill into gas tanks, fuel lines, brake or hydraulic lines, vacuum lines or electrical wiring when working on any vehicle.
7. Never run wires underneath the vehicle. Running the wires inside the vehicle provides the best protection.
8. Avoid running wires over or through sharp edges. Use rubber or plastic grommets to protect any wires routed through metal, especially the firewall.
9. ALWAYS protect the battery and electrical system from damage with proper fusing. Install the appropriate fuse holder and fuse on the +12V power wire within 18" (45.7 cm) of the battery terminal.
10. When grounding to the chassis of the vehicle, scrape all paint from the metal to ensure a good, clean ground connection. Grounding connections should be as short as possible and always be connected to metal that is welded to the main body, or chassis, of the vehicle. Seatbelt bolts should never be used for connecting to ground.

Mounting

To mount the unit, you will need to find a flat surface with adequate support material that provides a secure mounting location.

1. Once you have determined a mounting location, you will need to mount the unit vertically with the wire harnesses facing down.

Note: Mounting the unit vertically is the best for water resistance.

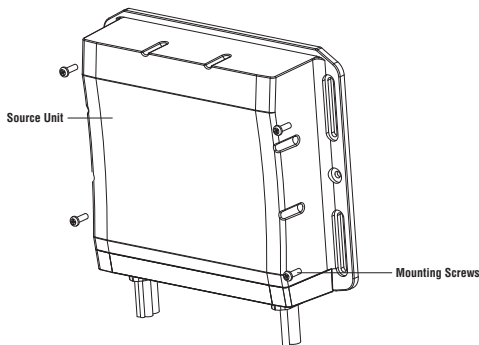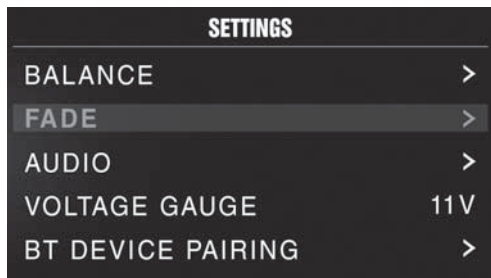2. To secure the unit, use the (4) supplied mounting screws and attach to sturdy, flat surface.

Source Unit

Mounting Screws

Fig. 3

SETTINGS

BALANCE	>
FADE	>
AUDIO	>
VOLTAGE GAUGE	11V
BT DEVICE PAIRING	>

Source Unit Settings

To access the source unit's settings, long press the MENU button until the options appear. Rotate the encoder to scroll through the list of settings and short press the encoder button to select the setting you wish to change. (ZONES>BALANCE>FADER>AUDIO>VOLTAGE GAUGE>BT DEVICE PAIRING>BEEP>TUNER REGION>SOFTWARE>FACTORY> DEFAULT)

This source unit has a zero current draw when turned off. All of your settings and presets will be saved along with your boat's battery during storage.

ZONES

ZONE 1 / ZONE 2 / ZONE 3 / ZONE 4

To setup ZONE 1, 2, 3 or 4, press the ZONE button to access the submenu. Rotate the encoder button to select the ZONE options. (SOURCE > RENAME > ENABLE/DISABLE/LOCK)

NOTE: During regular listening, short press the ZONE button to switch between zones.

SOURCE

To select the source, short press the encoder button to access the submenu. Use the rotary encoder to scroll through SOURCE Settings. (FM TUNER > AM TUNER > WB TUNER > USB > AUX1>AUX2 > BLUETOOTH > SiriusXM>CAMERA)

RENAME

To rename ZONE, short press the encoder button to set the first letter of the new name. Once active, rotate encoder to adjust letters. Short press the encoder button again to set the next letter. Repeat until ZONE has been renamed. Short press MENU to exit and go back up one level.

ENABLE / DISABLE / LOCK SOURCE

Short press the encoder button to access. Rotate the encoder button to select ENABLE/DISABLE/LOCK. Selecting LOCK SOURCE will enable ZONE 2 and LOCK the source of ZONE 2 to ZONE 1. When LOCK SOURCE is enabled, PLAY/PAUSE and BALANCE function does all zones, not just the selected ZONE.

BALANCE

Short press the encoder button to access BALANCE adjustment settings. Rotate the encoder button to set output BALANCE.

FADER

Short press the encoder button to access FADER adjustment settings. Rotate the encoder button to set output FADER. This only works for ZONE 1

AUDIO

To access the AUDIO settings, short press the AUDIO option from the MENU screen. Rotate the encoder to scroll through the list of settings and short press the encoder button to select the setting you wish to change. (7 BAND EQ>CROSSOVER>PEQ>REAR RCA>AUX1 INPUT>AUX2 INPUT>SOURCE GAIN>INTERNAL AMPLIFIER)

7 BAND EQ

Short press the encoder button to access the 7 BAND EQ settings. Use the rotary encoder to scroll through the EQ settings. (FLAT > ROCK > CLASSIC > ACOUSTIC > DANCE > ELECTRONIC > HIP-HOP > CUSTOM) When setting up the CUSTOM EQ, short press the encoder button to set the first frequency. Once active, rotate the encoder to adjust the frequency settings. Short press encoder button again to access the next frequency. Repeat until all EQ settings are complete. Short press the MENU button to exit and go back up one level.

CROSSOVER

Short press to access the CROSSOVER settings. Use the rotary encoder to select the crossover zone options (HPF>LPF). The HPF setting is for FRONT + REAR audio and LPF is for SUB audio. Short press the encoder to adjust the frequency of the crossover (60Hz>80Hz>120Hz>APF). Short press MENU to exit and go back up one level.

PUNCH EQ

Short press to access the PUNCH EQ settings. Use the rotary encoder to adjust the gain output (0-12). Short press MENU to exit and go back up one level.

Punch EQ is an onboard equalizer with up to +6dB @45Hz and/or up to +6dB boost at 12.5kHz

AUX1 / AUX2 INPUT

RENAME – To rename AUX1 or AUX2, short press the encoder button to set the first letter of the new name. Once active, rotate encoder to adjust letters. Short press the encoder button again to set the next letter. Repeat until AUX has been renamed. Short press MENU to exit and go back up one level.

ENABLE - Short press the encoder button to access options. Rotate the encoder button to select if unit is discoverable. (ENABLE > DISABLE)

SOURCE GAIN

To adjust the level of device input gain, scroll through the inputs (FM TUNER>AM TUNER>WB TUNER>USB>AUX1>AUX2>BLUETOOTH >SiriusXM>GLOBAL INPUT) to the device you want to adjust, short press the encoder button to access the gain settings. Rotate the encoder button to set the level of gain (-3dB > -2dB > -1dB > 0dB > +1dB > +2dB > +3dB).

Selecting the GLOBAL INPUT option lets you adjust all source attenuation at once (0dB>-3dB>-6dB>-9dB>-12dB>-15dB>-18dB).

INTERNAL AMPLIFIER

Short press to access the INTERNAL AMPLIFIER options. Use the rotary encoder to select options (ON>OFF). When using an amplifier to power your speakers, select OFF. If you are powering your speakers directly from the source unit, select the INTERNAL AMPLIFIER to ON.

ZONE VOLUME OFFSET

Short press to access the ZONE VOLUME OFFSET option. Use the rotary encoder to select the options (ON>OFF). When this feature is turned ON, it keeps the individual zone volumes offset when turning the volume all the way up or down. When it is set to OFF, the zone volumes output will be reset to equal when the volume is turned all the way down to zero or all the way up to maximum.

VOLTAGE GAUGE

To display the vehicle voltage, short press the encoder button on the VOLTAGE GAUGE option.

BT DEVICE PAIRING

Short press the encoder button to access options (DISCOVERABLE > DEVICE).

Settings

DISCOVERABLE

Rotate the encoder button to select if unit is discoverable for pairing. (ENABLE > DISABLE) Once enabled, the source unit is now discoverable and ready for pairing to your device. Open the Bluetooth settings on your device to find the source unit and select.

DEVICE

Selecting DEVICE by short pressing the encoder button will allow you to rename the source unit with up to 16 characters. This gives you the ability to have a unique name for easy identification during device pairing. Short press the encoder button to select the letter to be changed and rotate the knob to change the value. Repeat process until desired name is reached.

BEEP

Short press the encoder button to access the BEEP options. Rotate the encoder button to turn system beep ON/ OFF.

TUNER REGION

To adjust, short press the encoder button to access. Rotate the encoder button to select the TUNER REGION of your preference. (EUROPE > USA > RUSSIA > LATIN > ASIA > JAPAN > MIDEAST > AUSTRALIA)

SOFTWARE

VERSION - Short press the encoder button to display the current firmware version of the unit.

UPDATE - Short press the encoder button to update the firmware. Follow the instructions on the screen when updating.

THEME

To adjust the THEME, short press the encoder to access the feature. Rotate the encoder button to select the desired THEME (DAY, NIGHT, AUTO)

FACTORY DEFAULT

AUDIO – Short press the encoder button to access. Rotate the encoder button to select YES/NO. Selecting YES will reset your unit back to factory default settings.

SYSTEM - Short press the encoder button to access. Rotate the encoder button to select YES/NO. Selecting YES will reset your unit back to factory default settings.

NOTE: Resetting the SYSTEM settings will also reset any SiriusXM user data.

Basic Operation

TURNING THE UNIT ON / OFF

Long press the SRC (Power) button to turn the unit ON or OFF

ADJUSTING THE VOLUME

Long press the encoder button to independently adjust the volume for a specific zone (ZONE ALL>ZONE1>ZONE2>ZONE3>ZONE4). Rotate encoder knob left or right to desired volume level (0-40). The current volume level will be displayed during adjustment.

ADJUSTING THE SUBWOOFER OUTPUT

Press the SUB + or SUB- buttons to adjust the output level (0-20).

ADJUSTING THE SCREEN BRIGHTNESS

Long press the ZONE/DIMMER button to adjust the brightness level. There are two brightness levels.

SELECTING A SOURCE TO PLAY

Short press the SRC button to show the different source options (FM TUNER>AM TUNER>WB TUNER>USB>AUX1>AUX2>BLUETOOTH> SiriusXM>CAMERA). Use the rotary encoder or short press the SRC button to scroll through sources.

SELECTING A ZONE

Short press the ZONE button to toggle between source zones (ZONE 1>ZONE 2>ZONE 3>ZONE 4)

Tuner Operation (FM/AM/WB)

To operate, use the rotary encoder to select the tuner source you want to listen to (FM>AM>WB).

To AUTO SEEK stations, short press the FWD and REV buttons. To MANUAL SEEK stations, long press the FWD and REV buttons to tune to the desired frequency.

To MUTE the TUNER, short press the PLAY/PAUSE button.

FM BAND SETTINGS

To access the FM BAND SETTINGS, short press the MENU when using the FM TUNER source. This will give you access to the settings specific to the FM TUNER (PRESETS>ADD PRESETS>REMOVE PRESETS>FM>AUTO STORE>LOCAL>RBDS).

PRESETS

Short press the encoder button to access the PRESETS list. Using this feature allows you to see what PRESETS are saved on the unit.

ADD PRESETS

Short press the encoder button on the ADD PRESETS option. You will need to be on both the station and PRESET group you want to add first (FM1>FM2>FM3). Using this feature allows you to save stations to the unit. Once selected, use the rotary encoder to select the PRESET number (1-6) you want the station saved to.

REMOVE PRESETS

Short press the encoder button on the REMOVE PRESETS option. You will need to be under the PRESET group you want to adjust first (FM1>FM2>FM3). Using this feature allows you to remove saved stations on the unit. Once selected, use the rotary encoder to select the PRESET number (1-6) of the station you want removed.

FM

Short press the encoder button to access the FM PRESET options (FM1>FM2>FM3). Using this feature allows you to have separate tuner preset groups to choose from. Use the rotary encoder button to scroll through the TUNER groups and short press to select the group.

AUTO STORE

Short press the encoder button to access the AUTO STORE function. You will need to be under the PRESET group you want to adjust first (FM1>FM2>FM3). This feature automatically stores presets on the unit. It will stop when presets 1-6 are set. Select the next PRESET group and repeat to fill next set.

LOCAL

Short press the encoder button to access the LOCAL options. Once selected, use the rotary encoder to select ON or OFF. The local option tunes to nearby radio stations with sufficiently strong signals for good reception. In areas where reception is poor, switching to distance tuning enables the unit to tune in to more distant stations. Distance tuning is the default.

AM BAND SETTINGS

To access the AM BAND SETTINGS, short press the MENU when using the AM TUNER source. This will give you access to the settings specific to the AM TUNER (PRESETS>ADD PRESETS>REMOVE PRESETS>AM>AUTO STORE>LOCAL).

PRESETS

Short press the encoder button to access the PRESETS list. Using this feature allows you to see what PRESETS are saved on the unit.

ADD PRESETS

Short press the encoder button on the ADD PRESETS option. You will need to be on both the station and PRESET group you want to add first (AM1>AM2). Using this feature allows you to save stations to the unit. Once selected, use the rotary encoder to select the PRESET number (1-6) you want the station saved to.

REMOVE PRESETS

Short press the encoder button on the REMOVE PRESETS option. You will need to be under the PRESET group you want to adjust first (AM1>AM2). Using this feature allows you to remove saved stations on the unit. Once selected, use the rotary encoder to select the PRESET number (1-6) of the station you want removed.

AM

Short press the encoder button to access the FM PRESET options (AM1>AM2). Using this feature allows you to have separate tuner preset groups to choose from. Use the rotary encoder button to scroll through the TUNER groups and short press to select the group.

AUTO STORE

Short press the encoder button to access the AUTO STORE function. You will need to be under the PRESET group you want to adjust first (AM1>AM2). This feature automatically stores presets on the unit. It will stop when presets 1-6 are set. Select the next PRESET group and repeat to fill next set.

LOCAL

Short press the encoder button to access the LOCAL options. Once selected, use the rotary encoder to select ON or OFF. The local option tunes to nearby radio stations with sufficiently strong signals for good reception. In areas where reception is poor, switching to distance tuning enables the unit to tune in to more distant stations. Distance tuning is the default.

WB BAND SETTINGS

To access the WB BAND SETTINGS, short press the MENU when using the WB TUNER source. This will give you access to the settings specific to the WB TUNER (PRESETS>ADD PRESETS>REMOVE PRESETS).

PRESETS

Short press the encoder button to access the PRESETS list. Using this feature allows you to see what PRESETS are saved on the unit.

ADD PRESETS

Short press the encoder button on the ADD PRESETS option. You will need to be on both the station you want to add first. Using this feature allows you to save stations to the unit. Once selected, use the rotary encoder to select the PRESET number (1-6) you want the station saved to.

REMOVE PRESETS

Short press the encoder button on the REMOVE PRESETS option. Using this feature allows you to remove saved stations on the unit. Once selected, use the rotary encoder to select the PRESET number (1-6) of the station you want removed.

USB (iPod) Operation

After your device is connected to the source unit, this feature allows you to control playback from your device directly from the unit. Select the USB source option on the source unit.

To play or pause a song, short press the PLAY/PAUSE button.

To skip a track forward, short press the FWD button. To skip a track backwards, short press the REV button.

To access USB specific settings, short press the MENU button for the list of settings (BROWSER>REPEAT>SHUFFLE). Use the encoder to select the option to change.

BROWSER

Short press the encoder button to access the BROWSER options (PLAY LISTS>ARTISTS>ALBUMS>GENRES>SONGS>COMPOSERS>AUDIOBOOKS>PODCASTS). Using this feature allows you to search for tracks or songs by different types of categories.

To page/down, use the track forward and track backwards buttons.

REPEAT

Short press the encoder button to access the REPEAT feature options (OFF>ONE>ALL).

SHUFFLE

Short press the encoder button to access the SHUFFLE feature options (OFF>ALL). This feature allows you to set your preference on shuffling tracks or songs.

NOTE: When using a USB extension cable, it must be a powered extension cable. The maximum distance for the cable is 33 feet (10 meters).

AUX1 / AUX2 Operation

After your device is plugged into the source unit, this feature allows you to play music from your device. Use the rotary encoder to select the AUX1 or AUX2 source option on the source unit and use your plugged in device to control song/track selection, PLAY/PAUSE and track skip FWD/REV.

Bluetooth® Operation

After your device is paired to the source unit, this feature allows you to control playback from your device directly from the unit. Select the BLUETOOTH source option on the source unit.

To play or pause a song, short press the PLAY/PAUSE button.

To skip a track forward, short press the FWD button. To skip a track backwards, short press the REV button.

To access BLUETOOTH specific settings, short press the MENU button for the list of settings (BROWSER>REPEAT>SHUFFLE). Use the encoder to select the option to change.
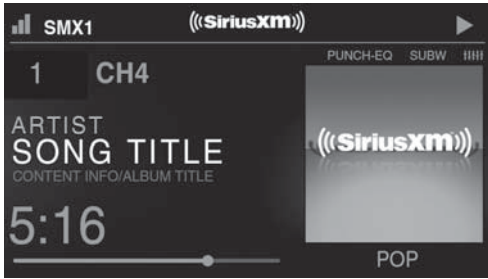
BROWSER

Short press the encoder button to access the BROWSER options (PLAY LISTS>ARTISTS>ALBUMS>GENRES>SONGS>COMPOSERS>AUDIOBO OKS>PODCASTS). Using this feature allows you to search for tracks or songs by different types of categories.

REPEAT

Short press the encoder button to access the REPEAT feature options (OFF>ONE>ALL). This feature allows you to set your preference on the amount of times a track or song will repeat.

SHUFFLE

Short press the encoder button to access the SHUFFLE feature options (OFF>ALL). This feature allows you to set your preference on shuffling tracks or songs.

SiriusXM®

Only SiriusXM® brings you more of what you love to listen to, all in one place. Get over 140 channels, including commerical-free music plus the best sports, news, talk, comedy and entertainment. Welcome to the world of satellite radio. A SiriusXM Connect Tuner and Subscription are required. For more information, visit www.siriusxm.com

ACTIVATING YOUR SiriusXM SUBSCRIPTION

After installing your SiriusXM Connect Tuner and antenna, power on your source unit and select SiriusXM mode. You should be able to hear the SiriusXM Preview channel on Channel 1. If you cannot hear the preview channels, please check the installation instructions to make sure your SiriusXM Connect tuner is properly installed.

After you can hear the Preview channel, tune to Channel 0 to find the Radio ID of your tuner. In addition, the Radio ID is located on the bottom of the SiriusXM Connect Tuner and its packaging. You will need this number to activate your subscription. Write the number down for reference.

Note: the SiriusXM Radio ID does not include the letters I, O, S or F.

In the USA, you can activate online or by calling SiriusXM Listener care:

- Visit www.siriusxm.com/activatenow

- Call SiriusXM Listener Care at 1-866-635-2349

For Canadian Subscriptions, please contact:

- Visit www.siriusxm.ca/activatexm

- Call XM Customer Care at 1-877-438-9677

As part of the activation process, the SiriusXM satellites will send an activation message to your tuner. When your radio detects that the tuner has received the activation message, your radio will display: "Subscription Updated". Once subscribed, you can tune to channels in your subscription plan. Note, the activation process usually takes 10 to 15 minutes, but may take up to an hour. Your radio will need to be powered on and receiving the SiriusXM signal to receive the activation message.

SETTINGS

To access the SiriusXM SETTINGS, short press the MENU when using the SiriusXM source. This will give you access to the settings specific to SiriusXM (SXM>PRESETS>ADD PRESETS>REMOVE PRESETS>CHANNELS>CATEGORY).

SiriusXM PRESET BANDS (SXM)

Short press the encoder button to access the SiriusXM PRESET options (SXM1>SXM2>SXM3). Using this feature allows you to have separate satellite preset groups to choose from. Use the FWD and REV buttons to scroll through the TUNER groups.

PRESETS

Short press the encoder button to access the PRESETS list. Using this feature allows you to see what PRESETS are saved on the unit.

ADD PRESETS

Short press the encoder button on the ADD PRESETS option. You will need to be on both the channel and PRESET group you want to add first (SXM1>SXM2>SXM3). Using this feature allows you to save channels to the unit. Once selected, use the rotary encoder to select the PRESET number (1-6) you want the channel saved to.

REMOVE PRESETS

Short press the encoder button on the REMOVE PRESETS option. You will need to be under the PRESET group you want to adjust first (SXM1>SXM2>SXM3). Using this feature allows you to remove saved channels on the unit. Once selected, use the rotary encoder to select the PRESET number (1-6) of the channel you want removed.

CHANNEL

Short press the encoder button on the CHANNEL option to select this feature. This feature displays a complete listing of channels.

CATEGORY

Short press the encoder button on the CATEGORY option to select this feature. This feature allows you to search channels based on their CATEGORY type.

DIRECT TUNING

Short press the encoder button on the DIRECT TUNING option to select this feature. This feature allows you to directly tune to a channel if you already know the channel number. Rotate the encoder until you reach the desired numeral and press to enter your selection. Repeat until the channel number is completed.

PARENTAL CONTROLS

Short press the encoder button on the PARENTAL CONTROL option to select this feature. This feature allows you to easily lock and unlock channels with mature content. To turn this feature on, short press the encoder on PARENTAL CONTROLS to select. You will be asked to enter a code to activate it. Enter "1111" for your code. Once the code is entered correctly, this will give you access to the PARENTAL CONTROL features (LOCK CHANNELS>CHANGE MY CODE). Use the encoder knob to scroll through the options and short press to select.

LOCK CHANNELS

Short press the encoder button on the LOCK CHANNELS option to select this feature. This feature allows you to select certain channels to be locked out for listening. When trying to listen to locked channels, you will need to enter the correct code to listen to them. Use the rotary encoder to input code.

CHANGE MY CODE

Short press the encoder button on the CHANGE MY CODE option to reset the PARENTAL CONTROL code. Use the rotary encoder to input the code.

Camera Operation

This feature allows you to connect an external camera and view it through the PMX-8DH or other display. A reverse trigger is provided to activate the camera when putting the vehicle in reverse or you may select the camera from the source menu.

Troubleshooting

Symptom / Advisory	Diagnosis	Remedy
Basic		
Source unit does not turn on.	Blown fuse	Check fuse of the unit, replace with correct rating.
	Vehicle's ignition is off	If connected following the instructions, the unit will not operate with ignition off.
	Voltage applied to Red wire is not between 10.5 & 16 volts or there is no voltage present	Check battery, connections and fuses and repair or replace as necessary. If voltage is above +16 volts, have the electrical system inspected by an authorized service center.
	Unit is not properly grounded	Check wiring and repair as necessary.
Radio Tuner		
Tuner fails to tune any stations	No antenna or disconnected or open connection in cable	Check all connections and repair as necessary.
Unable to tune stations in seek mode	You are in a weak signal area	Make sure the tuner LOC mode is off.
USB Devices		
USB device cannot be inserted	The USB device has been inserted in the wrong direction	Reversing the connection direction of the USB device, try reinserting.
	The USB device connector is broken	Replace with a new USB device.
USB device is not recognized	The USB device is damaged	Disconnect USB device and reconnect. If the device is still not recognized, try replacing with a different USB device. USB does not work with Android devices.
	Connectors are loose	
No sound heard with the display "No File" shown	No MP3/WMA files are stored on the USB device	Store these files properly on the USB device. USB does not work with Android devices.
Sound skips or is noisy	MP3/WMA files are not created properly	Use MP3/WMA files that are encoded correctly.
AUX		
MP3 is not playing back	Writing error occurred. The MP3 format is not compatible.	Make sure MP3 has been written in a supported format
SiriusXM		
Check Antenna	The radio has detected a fault with the SiriusXM antenna. The antenna cable may be either disconnected or damaged.	Verify that the antenna cable is connected to the SiriusXM Connect Tuner Inspect the antenna cable for damage and kinks. Replace the antenna if the cable is damaged. SiriusXM products are available at your local car audio retailer or online at www.shop.siriusxm.com
Check Tuner	The radio is having difficulty communicating with the SiriusXM Connect Tuner. The tuner may be disconnected or damaged.	Verify that the SiriusXM Connect Tuner cable is securely connected to the radio

No Signal	The SiriusXM Connect Tuner is having difficulty receiving the SiriusXM satellite signal.	Verify that your vehicle is outdoors with a clear view of the sky. Verify that the SiriusXM magnetic mount antenna is mounted on a metal surface on the outside of the vehicle. Move the SiriusXM antenna away from any obstructions. Inspect the antenna cable for damage and kinks. Consult the SiriusXM Connect Tuner installation manual for more information on antenna installation. Replace the antenna if the cable is damaged. SiriusXM products are available at your local car audio retailer or online at www.shop.siriusxm.com.
Subscription Updated	The radio has detected a change in your SiriusXM subscription status. Press the encoder button to clear the message.	In the U.S.A., visit www.siriusxm.com or call 1-866-635-2349 if you have questions about your subscription. In Canada, visit www.siriusxm.ca or call 1-877-438-9677 if you have questions about your subscription.
Channel Not Available	The channel that you have requested is not a valid SiriusXM channel or the channel that you were listening to is no longer available. You may also see this message briefly when first connecting a new SiriusXM Connect Tuner.	Visit www.siriusxm.com for more information about the SiriusXM channel lineup.
Channel Not Subscribed	The channel that you have requested is not included in your SiriusXM subscription package or the channel that you were listening to is no longer included in your SiriusXM subscription package.	In the U.S.A., visit www.siriusxm.com or call 1-866-635-2349 if you have questions about your subscription package or would like to subscribe to this channel. In Canada, visit www.siriusxm.ca or call 1-877-438-9677.
Channel Locked	The channel that you have requested is Locked by the radio Parental Control feature.	See page 10 for more information on the Parental Control feature and how to access locked channels.
Bluetooth		
Volume Is Low	Volume on connected device is not up all of the way.	Turn the volume all of the way up on the connected device.
Zones		
Source Changes	Shared source is changed from a different zone.	Sources that are shared across multiple zones will play the source from the last zone that selected it. The last zone has priority.
Fader Does Not Work	Speaker outputs are not connected.	Fader works with speaker outputs on ZONE 1 only. RCA outputs do not have fader control.

EU Declaration of Conformity (DoC)

Hereby we,

Name of manufacturer	Wet Sounds, Inc.
Address:	10621 S. Sam Houston PKWY W ste 100 Houston, TX. 77071, USA
Zip code & City:	Houston
Country:	USA
Telephone number:	(877) 938-7757

declare that this DoC is issued under our sole responsibility and that this product:

Product description:	**Media Receiver Box**
Type designation(s):	***WS-BB-10***
Trademark:	**Wet Sounds**
Software version	V1.0
Hardware Version	V1.0

Software version note:Some software updates will be released by the manufacturer to fix some bug or enhance some function after placing on the market. All versions released by the manufacturer have been verified and still compliance with the related rules. All RF parameters (e.g.: frequency range, output power)

are not accessible to the user, and can't be changed by the user.

Object of the declaration :
WS-BB-10 is a Media Receiver Box incorporate Bluetooth, FM&AM technologies.

is in conformity with the relevant Union harmonization legislation:
Radio Equipment directive: **2014 / 53 / EU**
and other Union harmonization legislation where applicable:

RoHS directive: **2011 / 65 / EU**

WEEE directive: **2012 / 19 / EU**

with reference to the following standards applied:

Health:EN 50663: 2017;

Safety:EN 62368-1:2014+A11:2017

EMC:ETSI EN 301 489-1 V2.2.3; ETSI EN 301 489-17 V3.2.4;EN 55032: 2015/AC: 2016 ;EN 55035: 2017
RF:ETSI EN 300 328 V2.2.2;ETSI EN 303 345-1 V1.1.1; ETSI EN 303 345-2 V1.1.1; Draft ETSI EN 303 345-3 V1.1.0;

The Notified Body *Telefication* with Notified Body number *0560* performed:
Applicable Modules: B+C
The product has been so constructed that it can be operated in at least one Member State without infringing applicable requirements of the use of radio spectrum. (RED article 10.2).

Where applicable:
The issued the EU-type examination certificate.
Description of accessories and components, including software, which allow the radio equipment to operate as intended and covered by the DoC:

………
Signed for and on behalf of:

Contact name: Gabe Sandoval
Title: Manager
Tel: (877) 938-7757 ext 1009
Email: gabe@wetsounds.com
Company name: Wet Sounds Inc

2020/12/16