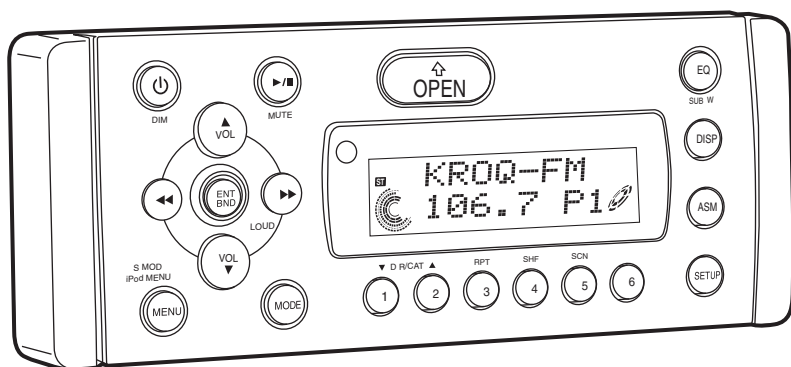


Operation and Installation Manual



WM1-CD Waterproof Marine AM/FM Stereo Receiver with CD Player

Introduction

Please take the time to read all of the information in this manual. Familiarity with operation and installation procedures will help you obtain the best possible performance from your new AM/FM Stereo Receiver with CD Player.

Safety Information

CAUTION! THIS MARINE CD PLAYER IS A CLASS 1 LASER PRODUCT. THIS UNIT USES A VISIBLE/INVISIBLE LASER BEAM WHICH COULD CAUSE HAZARDOUS RADIATION IF EXPOSED DIRECTLY. BE SURE TO OPERATE THE MOBILE CD PLAYER AS INSTRUCTED.

USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OR PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

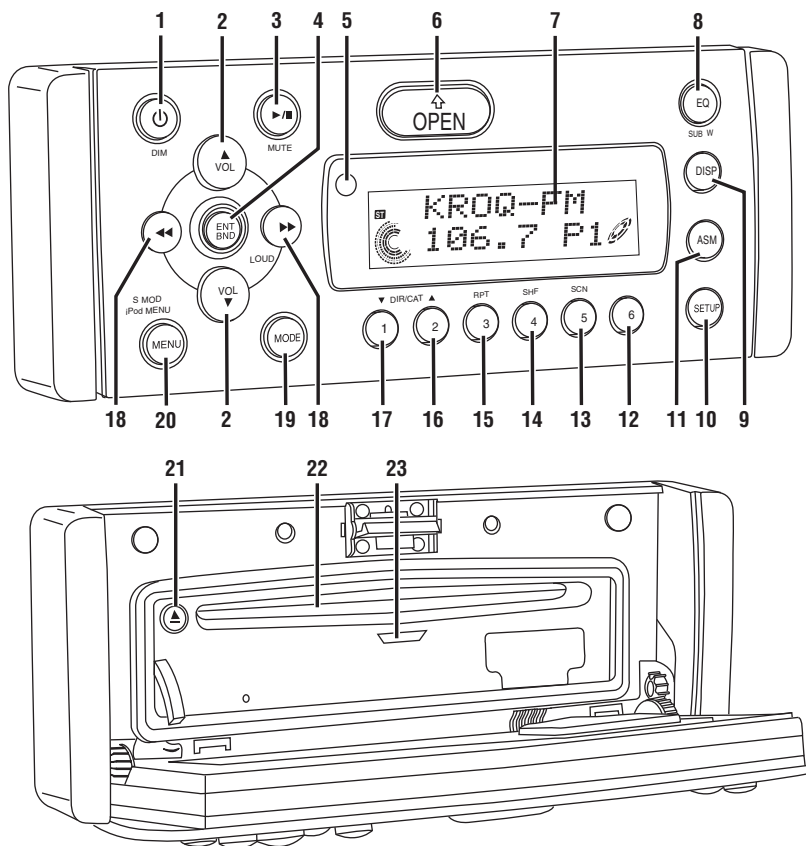
DO NOT OPEN COVERS AND DO NOT REPAIR BY YOURSELF. PLEASE REFER SERVICING TO A QUALIFIED TECHNICIAN.



CHANGES OR MODIFICATIONS TO THIS PRODUCT NOT APPROVED BY THE MANUFACTURER WILL VOID THE WARRANTY AND WILL VIOLATE FCC APPROVAL.

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Button Locations and Functions

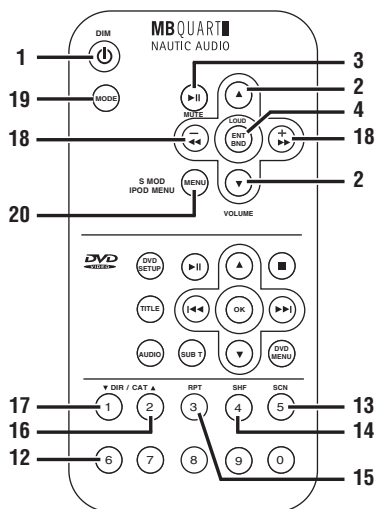


- 1. Power On/Off and Display Dimmer:** Press to turn the unit On or Off. Press and hold to dim the display. Press and hold again to restore display's illumination.
- 2. Volume Control:** Press the  button to increase the volume level, and press the  button to decrease the volume level.
- 3. CD Play/Pause and Mute Button:**
CD and CD Changer Mode: Press to pause disc play. Press again to resume play.
Radio, Sirius Satellite Radio and Auxiliary Audio Input Modes: Press to mute volume level. Press again to restore.
- 4. Enter/Band and Loud Button (ENT BND):**
Radio: Press to select AM1, AM2, FM1, FM2 and FM3 radio bands.
Loudness: Press and hold button until "LOUD ON" appears in the display to boost high and low tones at low volume levels. To deactivate press and hold again until "LOUD OFF" appears in the display.
IPOD Mode: See "IPOD Operation" for more information.
- 5. Infrared Eye:** Receives the signals from the optional remote control.
- 6. Open Button:** Press to fold down the front panel to access the CD player slot and disc eject button.
- 7. Display Area:** This area displays all function information for the radio, CD player, auxiliary and IPOD modes.
- 8. Equalizer Button (EQ):** Press to choose between preset sound equalization settings.

Button Locations and Functions

- 9. Display Button (DISP):**
Radio Mode: Press to display radio RBDS (Radio Broadcast Data System) information.
CD and CD Changer Mode: Press to display track information.
- 10. Setup Button:** Press to access Bass, Treble, Balance, Fader and Subwoofer controls. Press and hold for 10 seconds to access Beep Confirmation, Default Volume and AM/FM Tuning System.
- 11. Automatic Station Memory Button (ASM):**
Radio Mode: Press and hold for automatic station memory storing. Press and release for scanning memorized stations.
- 12. Multi-Function Button #6:**
Radio Mode: Press and hold until a beep is heard to memorize a radio station into memory #6 (CH6). Press and release when recalling preset radio station #6.
- 13. Multi-Function Button #5:**
Radio Mode: Press and hold until a beep is heard to memorize a radio station into memory #5 (CH5). Press and release when recalling preset radio station #5.
CD Mode: Press to preview each track on the CD for 10 seconds. Press again to cancel.
CD Changer Mode: Press to preview each track on the loaded CD for 10 seconds. Press and hold to preview the first track on every loaded CD for 10 seconds. Press again to cancel.
- 14. Multi-Function Button #4:**
Radio Mode: Press and hold until a beep is heard to memorize a radio station into memory #4 (CH4). Press and release when recalling preset radio station #4.
CD Mode: Press to play all the tracks on the CD in random order. Press again to cancel.
CD Changer Mode: Press to play all the tracks on the loaded CD in random order. Press and hold to play all the CDs in random order. Press again to cancel.
- 15. Multi-Function Button #3:**
Radio Mode: Press and hold until a beep is heard to memorize a radio station into memory #3 (CH3). Press and release when recalling preset radio station #3.
CD Mode: Press to repeat a CD track. Press again to cancel.
CD Changer Mode: Press to repeat the CD track. Press and hold to repeat the entire loaded disc. Press again to cancel.
- 16. Multi-Function Button #2:**
Radio Mode: Press and hold until a beep is heard to memorize a radio station into memory #2 (CH2). Press and release when recalling preset radio station #2.
CD Changer Mode: Push to change to a higher number disc in the CD changer.
- 17. Multi-Function Button #1:**
Radio Mode: Press and hold until a beep is heard to memorize a radio station into memory #1 (CH1). Press and release when recalling preset radio station #1.
CD Changer Mode: Push to change to a lower number disc in the CD changer.
- 18. Tune/Track Buttons:**
Radio Mode: Press either button and the tuner will scan to the next strong station and stop. Then press and hold either button until "MANUAL" appears in the display, then release. Again, press either button until the desired radio station appears in the display.
CD and CD Changer Mode: Press to change the track to a lower or higher track.
- 19. Mode Button:**
Press to change the play source: Radio, CD and Auxiliary Audio Input. Depending on what other input sources are connected (IPOD, Sirius, USB and CD Changer) these play source will also appear in the display.
- 20. Menu Button:**
Sirius Mode: See "Sirius Satellite Radio Operation" for more information.
IPOD Mode: See "IPOD Operation" for more information.
- 21. Eject Button:** Press to eject the loaded disc.
- 22. CD Slot:** To play a CD insert a disc into the slot with the label facing up.
- 23. Power Indicator:** Lights up when the unit has power.

Remote Control Button Locations and Functions (Optional)



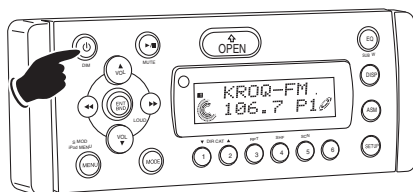
1. **Power On/Off and Display Dimmer:** Press to turn the unit On or Off. Press and hold to dim the display. Press and hold again to restore.
2. **Volume Control:** Press the \uparrow and \downarrow buttons to increase and decrease the volume level.
3. **CD Play/Pause and Mute Button:**
CD and CD Changer Mode: Press to pause disc play. Press again to resume play.
Radio, Sirius Satellite Radio and Auxiliary Audio Input Modes: Press to mute volume level.
4. **Enter/Band and Loud Button:**
Radio: Press to select AM1, AM2, FM1, FM2 and FM3 radio bands.
Loudness: Press and hold button until "LOUD ON" appears in the display. To deactivate, press and hold again until "LOUD OFF" appears.
IPOD Mode: See "IPOD Operation" for more information.
12. **Multi-Function Button #6:**
Radio Mode: Press and hold until a beep is heard to memorize a radio station into memory #6 (CH6). Press and release when recalling preset radio station #6.
13. **Multi-Function Button #5:**
Radio Mode: Press and hold until a beep is heard to memorize a radio station into memory #5 (CH5). Press and release when recalling preset radio station #5.
CD Mode: Press to preview each track on the CD for 10 seconds. Press again to cancel.
CD Changer Mode: Press to preview each track on the CD for 10 seconds. Press and hold to preview the first track on every loaded CD for 10 seconds. Press again to cancel.

14. **Multi-Function Button #4:**
Radio Mode: Press and hold until a beep is heard to memorize a radio station into memory #4 (CH4). Press and release when recalling preset radio station #4.
CD Mode: Press to play all the tracks on the CD in random order. Press again to cancel.
CD Changer Mode: Press to play all the tracks on the CD in random order. Press and hold to play every loaded CD in random order. Press again to cancel.
15. **Multi-Function Button #3:**
Radio Mode: Press and hold until a beep is heard to memorize a radio station into memory #3 (CH3). Press and release when recalling preset radio station #3.
CD Mode: Press to repeat a CD track. Press again to cancel.
CD Changer Mode: Press to repeat a CD track. Press and hold to repeat the entire disc. Press again to cancel.
16. **Multi-Function Button #2:**
Radio Mode: Press and hold until a beep is heard to memorize a radio station into memory #2 (CH2). Press and release when recalling preset radio station #2.
CD Changer Mode: Push to change to a higher number disc in the CD changer.
17. **Multi-Function Button #1:**
Radio Mode: Press and hold until a beep is heard to memorize a radio station into memory #1 (CH1). Press and release when recalling preset radio station #1.
CD Changer Mode: Push to change to a lower number disc in the CD changer.
18. **Tune/Track Buttons:**
Radio Mode: Press and the tuner will scan to the next strong station and stop. Press and hold until "MANUAL" appears in the display then release. Then press \ll or \gg until the desired radio station is tuned-in.
CD and CD Changer Mode: Press to change the track to a lower or higher track
19. **Mode Button:**
 Press to change the play source: Radio, CD and Auxiliary Audio Input. Depending on what other input sources are connected (IPOD, Sirius, USB and CD Changer) these play sources will also appear in the display.
20. **Menu Button:**
Sirius Mode: See Sirius Satellite Radio Operation section for more information.
IPOD Mode: See "IPOD Operation" for more information.

General Operations

Power On/Off:

Press the  button to turn the unit On or Off.



Selecting a Play Source:

To select a play source, press the **MODE** button until the desired source appears in the display:

AM1, AM2, FM1, FM2 or FM3

(AM and FM Radio),

SIRIUS (Satellite Radio Input, if connected),

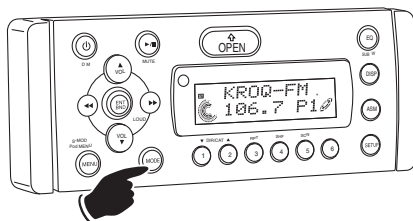
CD (Built-in CD Player),

CD-CH (CD Changer, if connected),


AUX IN (Auxiliary Audio Input),

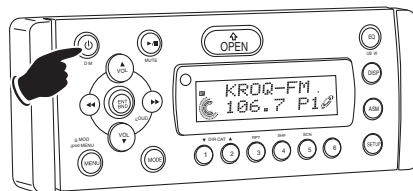
IPOD (IPOD Input, if connected) and

USB (MP3 Player, if connected).



Dimming the Display:

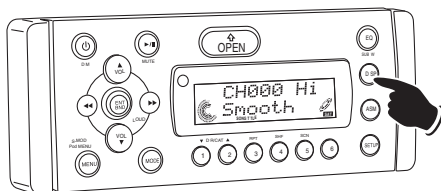
Press and hold the  button to dim the brightness of the display. Press and hold again to restore the brightness of display.



Display Selection:

Press the **DISP** button to display the information according to the mode selected.

Example: Press the **DISP** button in the Sirius Radio mode to display SONG-TITLE → ARTIST NAME → CATEGORY → SONG-TITLE.



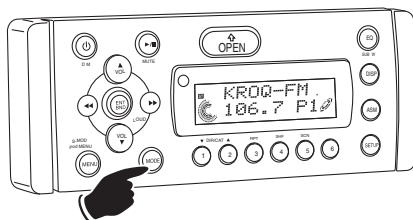
AM/FM Radio Operations

Power On/Off:

Press the  button to turn the unit On.

Selecting the Play Source:

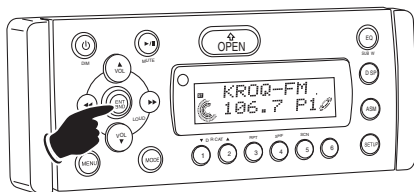
Press the **MODE** button until "AM1, AM2, FM1, FM2 or FM3" appears in the display.



AM/FM Radio Operation (Continued)

Selecting the AM or FM Band:

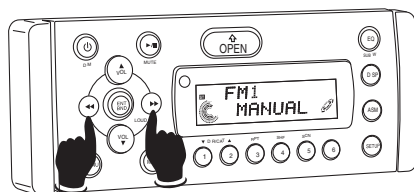
Press the **ENT BND** button repeatedly and select from FM1, FM2, FM3, AM1 or AM2.



Manually Tuning in a Radio Station:

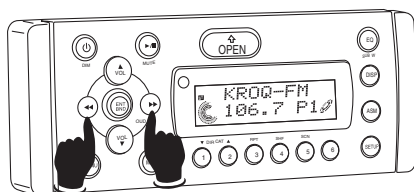
Press and hold either the **◀** or **▶** button until "MANUAL" appears in the display then release. Then press the **◀** or **▶** again until the desired radio station appears in the display.

Note: The unit will automatically switch from FM Mono to FM Stereo when the signal strength increases to a stereo level. If the stereo signal should become weak, the unit will switch back to Mono. FM Stereo reception is indicated when the "ST" appears in the display.



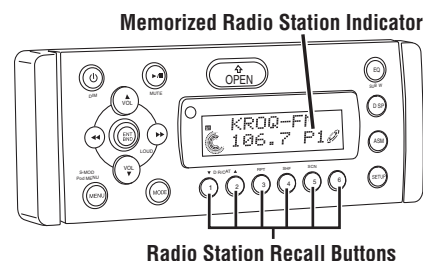
Tuning-In a Radio Station Using Seek:

Press and release either the **◀** or **▶** button and the tuner will scan-up to the next strong station, and stop seeking, then start playing.



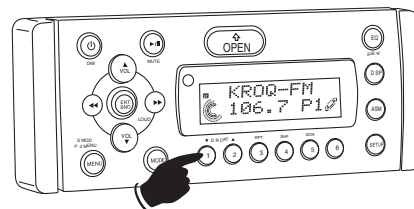
Memorizing Radio Stations:

1. Press the **ENT BND** button to select either the FM1, FM2, FM3, AM1 or AM2 radio band.
2. Tune-in the desired radio station.
3. To memorize the station press and hold any of the six radio station recall buttons until you hear a beep.



Recalling Memorized Radio Stations:

1. Press the **ENT BND** button to select either the FM1, FM2, FM3, AM1 or AM2 radio band.
2. Press and release one of the six radio station recall button to select the memorized radio station.



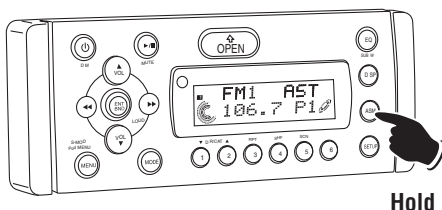
AM/FM Radio Operation (Continued)

Automatically Store Radio Stations:

1. Press the **ENT BND** button to select either the FM1, FM2, FM3, AM1 or AM2 radio band.
2. Press and hold the **ASM** button until "AST" appears in the display. The tuner will search for the strongest stations and store them into memory. The new stations will replace stations that were previously stored in the current band.

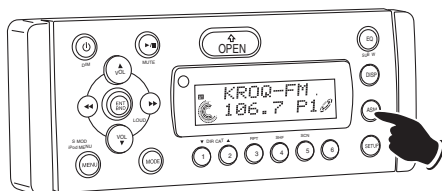
Note: After the new stations are stored into memory the tuner will start scanning the newly memorized stations.

3. When a desired station is reached, press the **ASM** button to stop scanning.



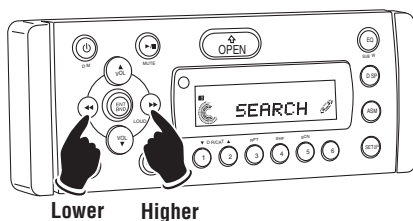
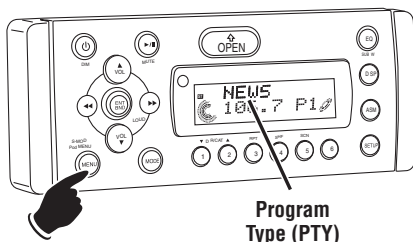
Scanning Stored Radio Stations:

1. Press the **ENT BND** button to select either the FM1, FM2, FM3, AM1 or AM2 radio band.
2. Press the **ASM** button and the tuner will scan thru the preset stations stored in the current band and pause for 5 seconds at each station. When a desired station is reached, press the **ASM** button again to stop scanning.



Scanning for FM Radio Stations According to Program Type (PTY):


1. Press the **ENT BND** button to select either the FM1, FM2 or FM3 radio band.
2. Press the **MENU** button to display the program type.
3. Press the **▲VOL** or **▼VOL** to select the desired program type (PTY). (Example: News, Information, Sports, etc.)
4. Press the **◀◀** or **▶▶** button to search a station with the selected program type (PTY).



Sound Controls

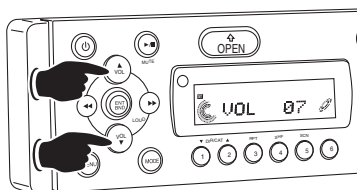
Volume:

Increase the volume by pressing the  button.

Decrease the volume by pressing the  button.

Increase



Decrease



Bass, Treble, Balance, Fader and Subwoofer Controls

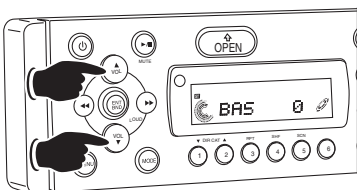
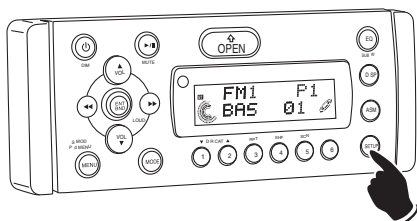
Select the desired sound mode by pressing the **SETUP** button. The modes will be displayed in the following order: Bass, Treble, Balance, Fader, Subwoofer Line Level Output and Subwoofer Cutoff Frequency.

Bass:



1. Select the Bass mode (BAS) by pressing the **SETUP** button.
2. Increase the Bass by pressing the  button.
Decrease the Bass by pressing the  button.
3. After 5 seconds control reverts back to volume control.

Increase

Decrease

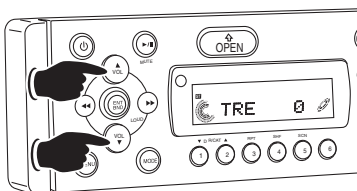


Treble:



1. Select the Treble mode (TRE) by pressing the **SETUP** button.
2. Increase the Treble by pressing the  button.
Decrease the Treble by pressing the  button.
3. After 5 seconds control reverts back to volume control.

Increase

Decrease

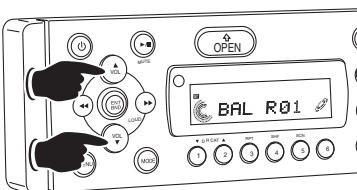


Balance:

1. Select the Balance mode (BAL) by pressing the **SETUP** button.
2. To adjust the amount of sound output to the Right speakers press the  button.
To adjust the amount of sound output to the Left speakers press the  button.

Right

Left



BAL 00 = Equal sound right and left speakers.

BAL R12 = Right speakers only.

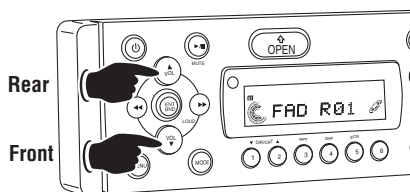
BAL L12 = Left speakers only.

3. After 5 seconds control reverts back to volume control.

Sound Controls (Continued)

Fader:

1. Select the Fader mode (FAD) by pressing the **SETUP** button.
 2. To adjust the amount of sound output to the Rear speakers press the **VOL** button.
To adjust the amount of sound output to the Front speakers press the **VOL** button.
- FAD 00 = Equal sound front and rear speakers.
FAD R12 = Rear speakers only.
FAD F12 = Front speaker only.
3. After 5 seconds control reverts back to volume control.



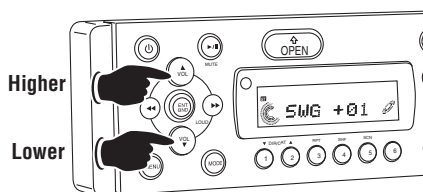
Subwoofer Line Level Output (SWG):

1. Select the Subwoofer Line Level Output mode (SWG) by pressing the **SETUP** button.
 2. To adjust the Subwoofer Line Level Output higher press the **VOL** button.
- To adjust the Subwoofer Line Level Output lower press the **VOL** button.

SWG 00 = No gain.
SWG -12 = Minimum level.
SWG +12 = Maximum level.

3. After 5 seconds control reverts back to volume control.

Note: If subwoofer output is turned Off, Subwoofer Line Level Output mode is not accessible. See Subwoofer Output (page 11) for more information.



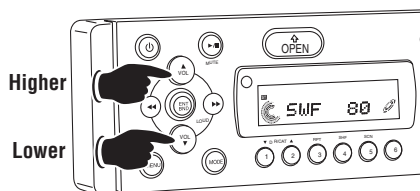
Subwoofer Cutoff Frequency (SWF):

1. Select the Subwoofer Cutoff Frequency mode (SWF) by pressing the **SETUP** button.
2. To adjust the Subwoofer Cutoff Frequency press the **VOL** or **VOL** button.

SWF 160 = Low Pass 160Hz
SWF 120 = Low Pass 120Hz
SWF 80 = Low Pass 80Hz

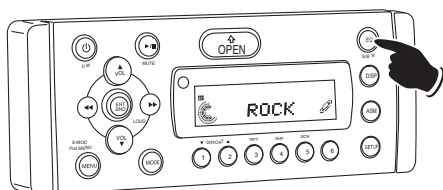
3. After 5 seconds control reverts back to volume control.

Note: If subwoofer output is turned Off, Subwoofer Cutoff Frequency mode is not accessible. See Subwoofer Output (page 11) for more information.



Equalizer (EQ):

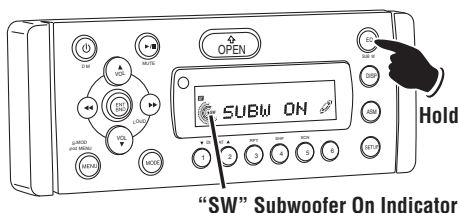
Press the **EQ** button to choose between the pre-set equalizer settings: Rock, Pop, Classic, Vocal, Flat and Jazz as indicated in the display area.



Sound Controls (Continued)

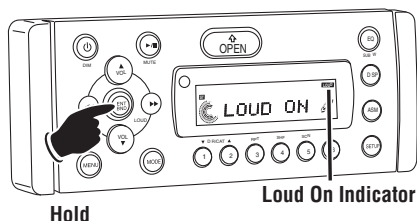
Subwoofer Output:

Press and hold the **EQ** button to turn subwoofer output On and Off. "SUBW ON" appears in the display when the subwoofer is On and "SUBW OFF" appears when the subwoofer output is Off. "SW" appears in the display when the subwoofer is On.



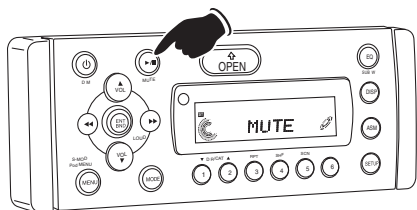
Loudness:

To boost high and low tones at low volume levels, press and hold the **ENT BND** button until "LOUD ON" appears in the display. To deselect, press and hold the **ENT BND** button again until "LOUD OFF" appears in the display.



Mute:

Press and release the **MUTE** button to mute the volume level. If a CD is playing the **MUTE** button will pause the disc. Press the **MUTE** button again to restore the volume or resume playing the disc.



Disc Warnings

Disc Formats Supported by this Player:



CD
12cm disc



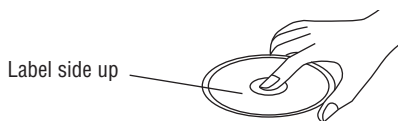
MP3
12cm disc

Handling:

- Dirt, dust, scratches and warping disc will cause non operation.
- Do not place stickers on disc or scratch disc.
- Do not warp discs.
- A disc should always be kept in its case when not in use to prevent damage.
- Do not place discs in the following places: Direct sunlight, Dirty, dusty and damp areas, Near car heaters, Car seats or dashboard.

Disc Cleaning:

Use a dry soft cloth to wipe disc the surface. If the disc is quite dirty, use a soft cloth slightly moist with isopropyl (rubbing) alcohol. Never use solvents such as benzine, thinner or conventional record cleaners as they may mar the surface of the disc.



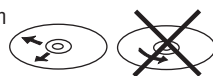
Do not touch the underside of the disc



Do not bend



Wipe the disc from the center toward the outside edge

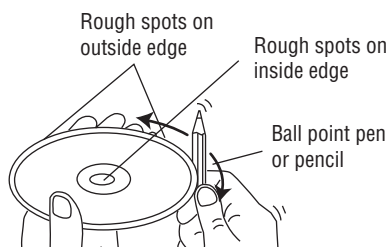


Note: A disc may become somewhat scratched (although not enough to make it unusable) depending on handling and conditions in the usage environment.

Disc Warnings (Continued)

Preparing New Discs with Rough Spots:

A new disc may have rough edges on its inside and outside edges. If a disc with rough edges is used, the proper setting will not be performed and the player will not play the disc. Therefore, remove the rough edges in advance by using a ball point pen or pencil as shown. To do this, press the side of the pen or pencil against the inside and outside edges of the disc.

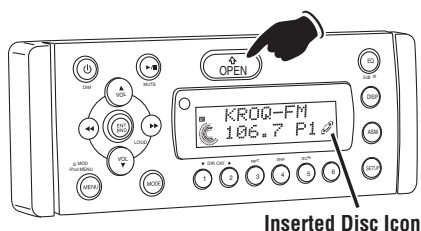


CD Operation

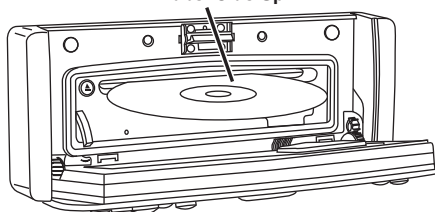
General Operations:

1. Press the **POWER** button to turn the unit On.
2. Press the **OPEN** button to fold down the front panel to access the CD player slot.
3. Gently insert the disc into the slot with the label side up. The unit will automatically load the disc.

Note: If a CD does not auto-load, **DO NOT FORCE** it into the slot, as you may already have a CD loaded as indicated by the inserted disc icon.

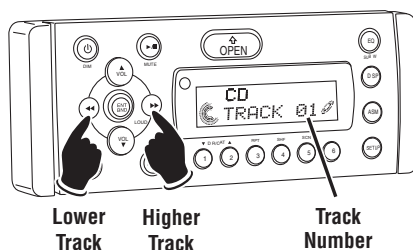


Label Side Up



CD Track Selection:

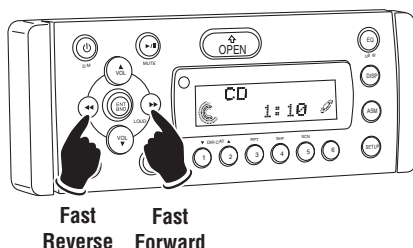
Press the **PREV** button to select a lower track.
Press the **NEXT** button to select a higher track.
The track number will appear in the display.



Fast Forward/Fast Reverse:


Push and hold the **FF** button to fast forward the disc.

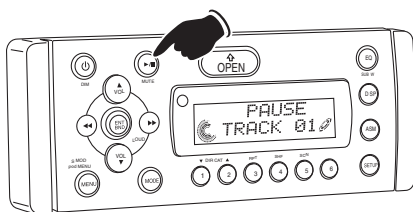
Push and hold the **REW** button to fast reverse the disc.




CD Operation (Continued)

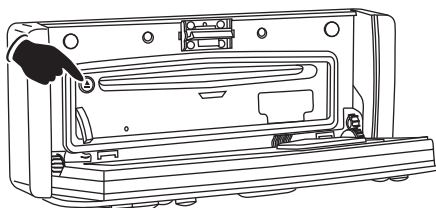
Pausing a CD:

Press the  button to pause the disc. Press it again to resume play.



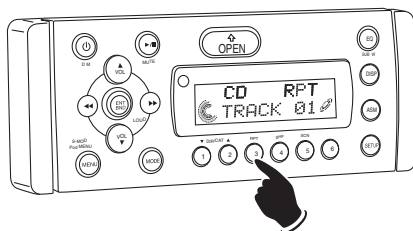
Ejecting a CD:

Press the **OPEN** button to fold down the front panel to access the disc slot. Press the  button to eject the disc.



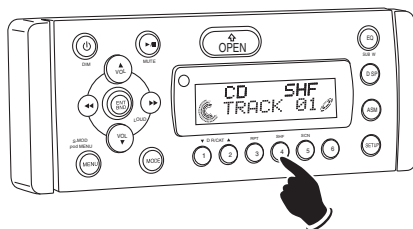
Repeating a CD Track:

Select the desired track to repeat, then press the **RPT** button once and "RPT" appears in the display. This track will now play repeatedly. Press the **RPT** button one more time and "RPT" will disappear from the display. The entire CD will now be repeated.



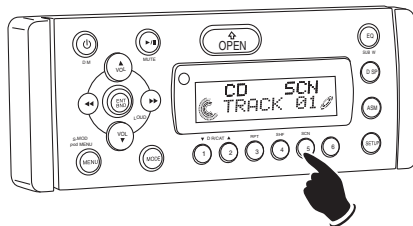
Random CD Track Play Order:

Press the **SHF** button until "SHF" appears in the display. The tracks on the disc will play in a random order. To cancel this feature press the **SHF** button again.



Preview CD Tracks:

Press the **SCN** button until "SCN" appears in the display. Each track on the disc will play for 10 seconds. To cancel this feature press the **SCN** button until "SCN" disappears from the display.

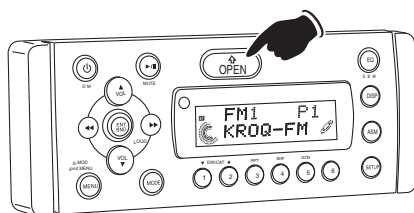


MP3 Disc Operation

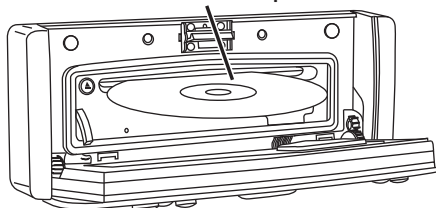
General Operations:

1. Press the **POWER** button to turn the unit On.
2. Press the **OPEN** button to fold down the front panel to access the disc player slot.
3. Gently insert the disc into the slot with the label side up. The unit will automatically load the disc.

Note: If a disc does not auto-load, **DO NOT FORCE** into the slot, as you may already have a disc loaded.



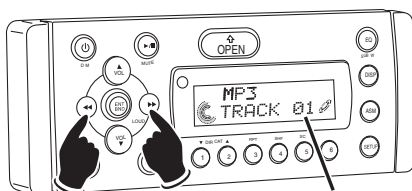
Label Side Up



Disc Track Selection:

Press the **PREV** button to select a lower track.

Press the **NEXT** button to select higher track. The track number will appear in the display.



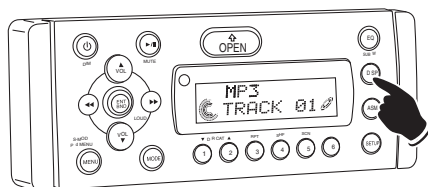
Lower Track

Higher Track

Track Number

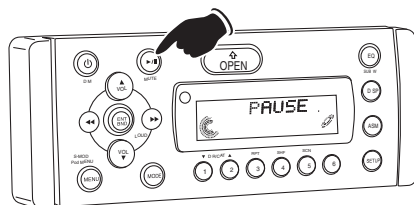
Display Selection:

Press the **DISP** button to display the following MP3 disc information: DIR NAME → TITLE → ARTIST → ALBUM.



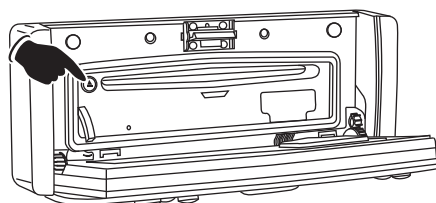
Pausing a Disc:

Press the **PAUSE** button to pause the disc. Press it again to resume play.



Ejecting a Disc:

Press the **OPEN** button to fold down the front panel to access the disc slot. Press the **EJECT** button to eject the disc.



**Repeating a Track/
Random Track Play Order/Preview Tracks:**
(see "CD Operation" for details)

CD Changer Operation (Option)

Load CDs into Changer:

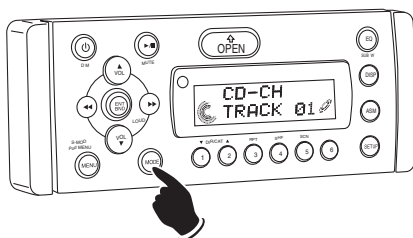
Insert the CD magazine into the external CD changer.

Power On/Off:


Press the  button to turn the unit On.

Selecting the Play Source:

Press the **MODE** button until “CDC” appears in the display.

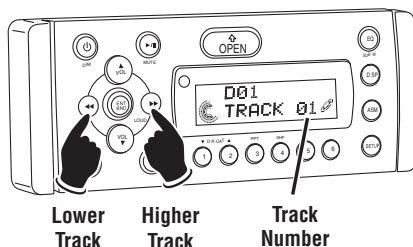


CD Track Selection:

Press the  button to select a lower track.

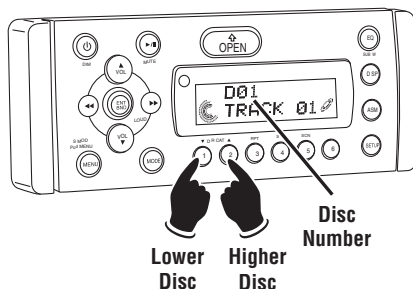
Press the  button to select a higher track.

The track number will appear in the display.




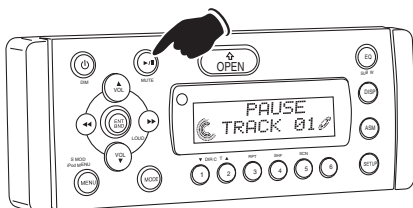
CD Disc Selection:

Press the **1** button to select a lower disc in the CD changer. Press the **2** button to select a higher disc in the CD changer. The disc number will appear in the display.



Pausing a CD:

Press the  button to pause the disc. Press it again to resume play.



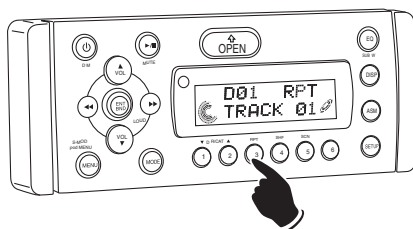
CD Changer Operation (Continued) (Option)

Repeating a CD Track or Disc:

Select the desired track to be repeated. Then press the **RPT** button and "RPT" will appear in the display. This track will play repeatedly.

Press and hold the **RPT** button. "RPT" and **D-DIR** will appear in the display. The disc will now play repeatedly.

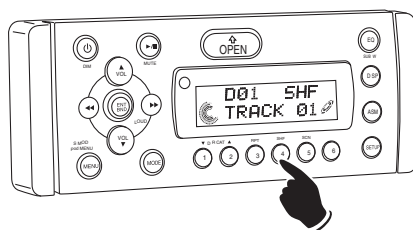
To cancel either function, press the **RPT** button again.

**Random CD Track or Disc Play Order:**

Press the **SHF** button and "SHF" will appear in the display. The tracks on the current disc will play in random order.

Press and hold the **SHF** button and “SHF” and **D-DIR** will appear in the display. The tracks on every loaded disc will play in random order.

To cancel either function, press the **SHF** button again.

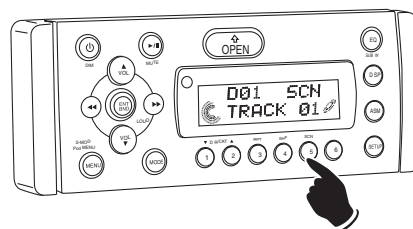


Preview CD Tracks or Disc:

Press the **SCN** button and "SCN" will appear in the display. Each track on the current disc will play for 10 seconds.

Press and hold the **SCN** button and “SCN” and **D-DIR** will appear in the display. The first track on every loaded disc will play for 10 seconds.

To cancel either function, press the **SCN** button again.

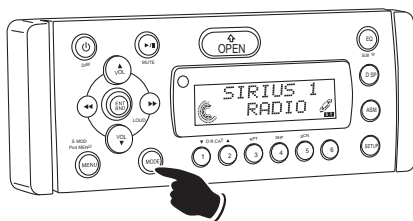


Sirius Satellite Radio Setup (Option)

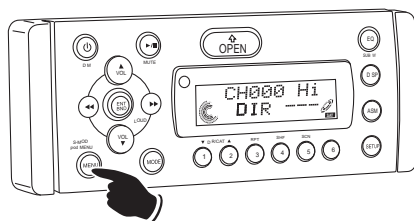
Note: If your Sirius tuner is not activated, call 1-888-539-7474 to activate. The Sirius Tuner ID Number (ESN) is required during the activation process. Following the instructions below to access the Sirius Tuner ID Number (ESN):

Accessing your Sirius Tuner ID Number (ESN):

1. Press the **MODE** button until “SIR1 RADIO” appears in the display area.

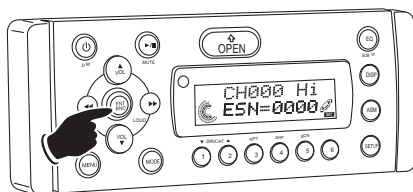


2. Press the **MENU** button until “DIR” appears in the display area.



3. Press the **ENT BND** button until “ESN = 00..” appears in the display area. The ESN number will scroll across the display.

4. Press the **ENT BND** button again to exit.



Sirius Satellite Radio Operation (Option)

Please note that satellite radio signal may be blocked by trees, buildings or other obstacles.

Information display during reception:

ANTENNA ERROR: When an antenna issue exists.

ACQUIRING SIGNAL: When a channel is being tuned-in (no signal is yet received).

INVALID CHANNEL: A channel without a broadcast has been selected, or the receiver may not be activated.

CALL 888-539-SIRIUS TO SUBSCRIBE: A channel not covered by your contract or the Sirius tuner is not activated. Call Sirius Service Center 1-888-539-7474, or visit them online at www.siriusradio.com.

Channel Selection Modes:

Channels are selected by the following methods:

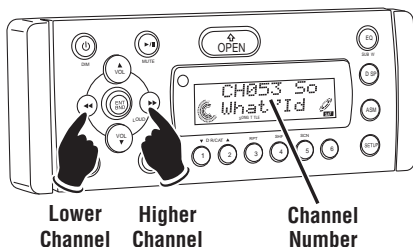
- Manual Tuning: Use the Manual Tuning method to scan thru the channels.
- Direct Tuning: Use the Direct Tuning methods when you know the desired channel.
- Category Tuning: Use the Category Tuning method when you know what category you want to scan for a channel.

For details, see the following operation descriptions:

Sirius Satellite Radio Operation (Option) (Continued)

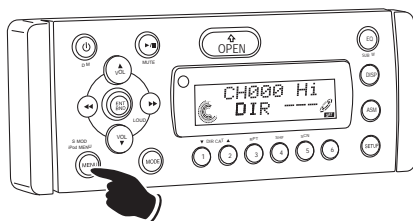
Manual Tuning:

Press the ◀▶ or ▶▶ button until the desired channel appears in the display.

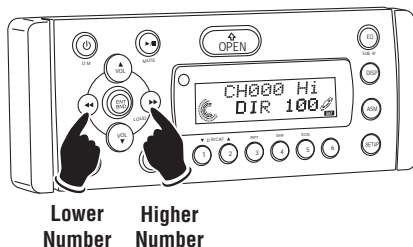


Direct Tuning:

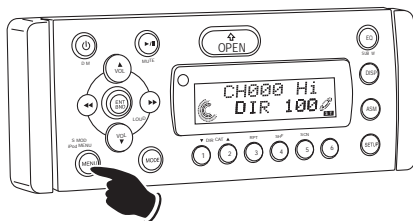
1. Press the **MENU** button until "DIR - - -" appears in the display.



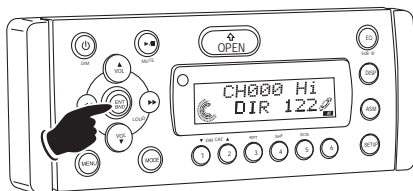
2. Press the ◀▶ or ▶▶ button to select the first number of the desired channel.



3. Press the **MENU** button to select the next number of the channel. Use the ◀▶ or ▶▶ buttons to select the desired number. Repeat this procedure for the third number.



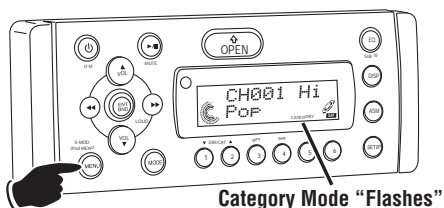
4. Press the **ENT BND** button and the channel will start playing.



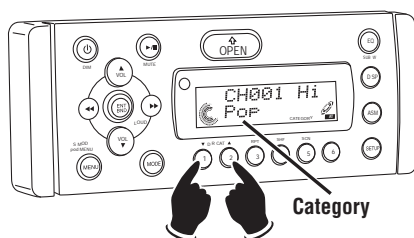
Sirius Satellite Radio Operation (Option) (Continued)

Category Tuning:

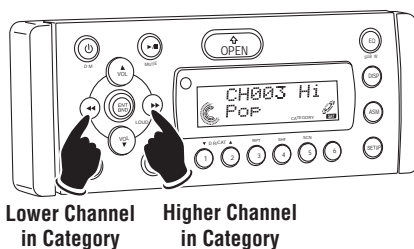
1. Press the **MENU** button and “CATEGORY” starts flashing in the display.



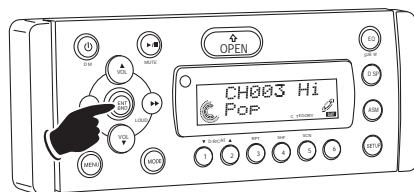
2. Press the **1** or **2** button to select the desired category.



3. Press the **◀** or **▶** button to select the desired channel inside the category.

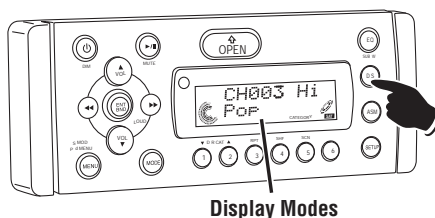


4. Press the **ENT BND** button and the channel will start playing.



Switching the Display:

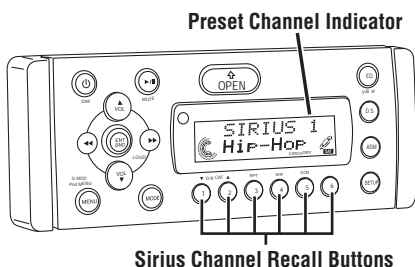
Press the **DISP** button to cycle through the following display modes.
SONG-TITLE → ARTIST NAME → CATEGORY → SONG-TITLE...



Sirius Satellite Radio Operation (Option) (Continued)

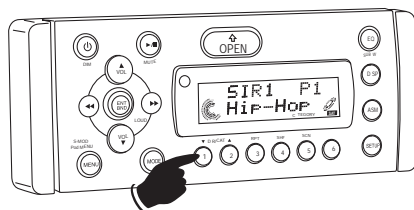
Memorizing a Preset Channel:

1. Press the **ENT BND** button to select either the SIR1, SIR2 or SIR3 Sirius band. Each band can memorize 6 channels for a total of 18 channels.
2. Tune-in the desired Sirius channel.
3. To memorize the channel press and hold any-one of the six channel recall buttons until you hear a beep.



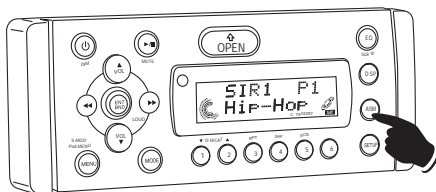
Recalling Memorized Sirius Channel:

1. Press the **ENT BND** button to select either the SIR1, SIR2 or SIR3 band.
2. Press and release the Sirius channel recall button **1, 2, 3, 4, 5** or **6** to select the memorized channel.



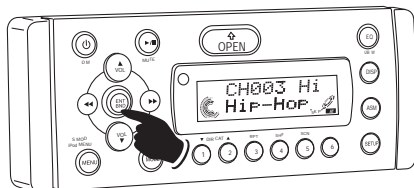
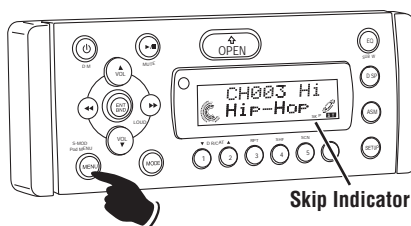
Scanning Stored Sirius Channels:

Press the **ASM** button and the tuner will scan the preset channels in the SIR1 band first, then SIR2, and finally SIR3 - pausing for 5 seconds at each channel. Scanning will continue until the **ASM** button is pressed again. When a desired channel is reached, press the **ASM** button again to stop scanning.




Skipping Sirius Channel: You can program the radio to skip a Sirius channel which you do not want.

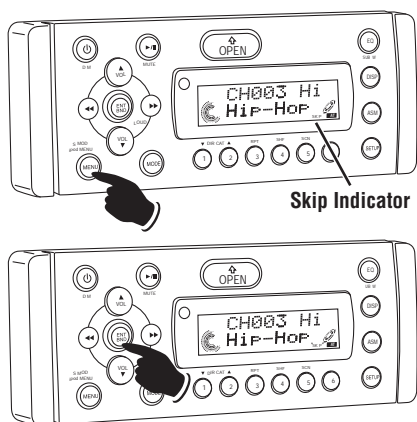
1. Tune to the channel to be skipped (see Sirius Satellite Radio Operation for more details).
2. Press the **MENU** button until "SKIP" appears in the display.
3. Press the **ENT BND** button until "SKIP" flashes in the display.
4. Press the **◀** or **▶** button and wait 10 seconds and "SKIP" disappears from the display. The channel will now be skipped.



Sirius Satellite Radio Operation (Option) (Continued)


Reinstating a Skipped Sirius Channel:

1. Tune to a channel next to a skipped channel.
(Example: If channel 2 is skipped, tune to channel 1.)
2. Press the **MENU** button until "SKIP" appears in the display.
3. Tune-in the skipped channel. (Example: Press the  button and "003" appears in the display).
Note: "SKIP" will be flashing in the display on all skipped channels.
4. Press the **ENT BND** button until "SKIP" stops flashing.
5. Wait 10 seconds and "SKIP" will disappear from the display. The channel has now been reinstated.

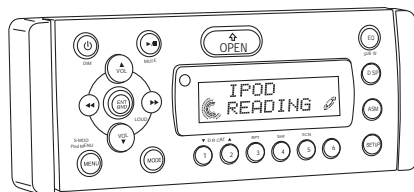


IPOD Operation (Option)

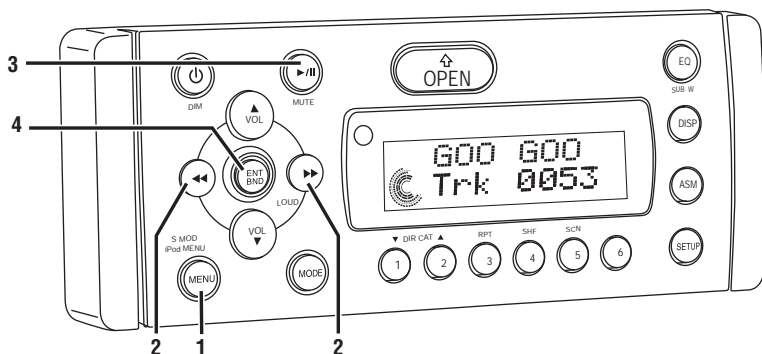
General Operations:



1. Press the  button to turn the unit On.
2. Connect an IPOD to the cable attached to the WM1-CD.
3. The unit will automatically switch to the IPOD mode and start playing.

Note: The IPOD controls will become inoperable, and the WM1-CD now controls the IPOD.



IPOD Mode Button Location and Functions:

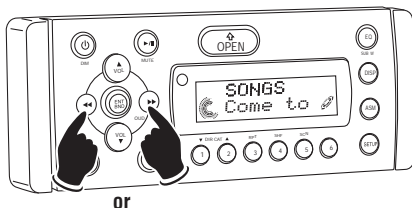
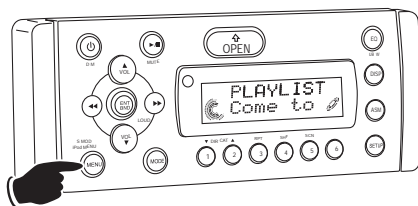


1. **Menu Button:** Same operation as the MENU button on an IPOD.
2. **Next and Previous Button:** Press these buttons to scroll through the menu items, which is the same operation as the IPOD's Click Wheel.
3. **Play/Pause Button ():** Same operation as the  button on an IPOD.
4. **ENT BND Button:** Same operation as the Center Select button on an IPOD.

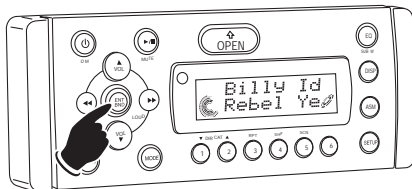
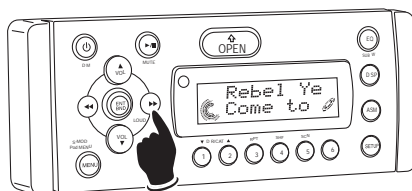
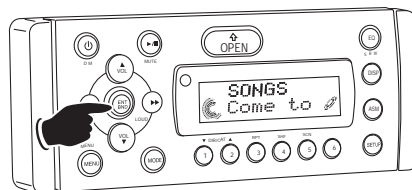
IPOD Operation (Option) (Continued)

Browse for a Song:

1. Press the **MENU** button until **PLAYLIST** appears in the display.
2. Press the **◀** or **▶** button to select the "SONG" menu.
3. Press the **ENT BND** button to activate the "SONG" menu.
4. Press the **▶** button to select the desired song from the menu. Once the **▶** button has been used to scrolled into the song list the **◀** button can be used to scroll backwards.
5. Press the **ENT BND** button to start playing the selected song.

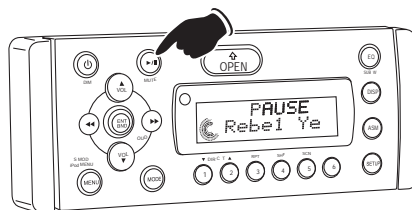


or



Pausing a Track:

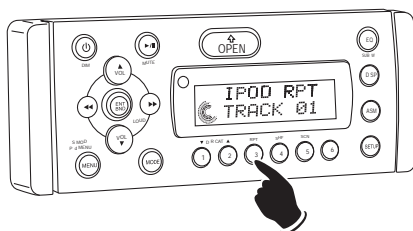
Press the **⏸** button to pause the track. Press it again to resume play.



IPOD Operation (Option) (Continued)

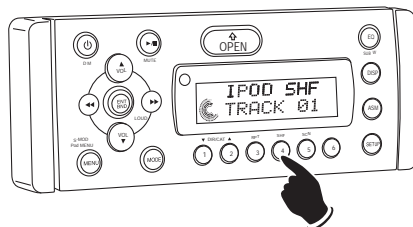
Repeating a Track:

Select the desired track to repeat, then press the **RPT** button once and “RPT” appears in the display. This track will play repeatedly. To cancel this function press the **RPT** button one more time, and “RPT” will disappear from the display.



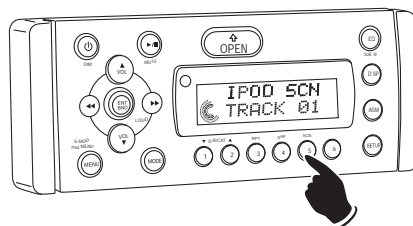
Random Order Track Play:

Press the **SHF** button until “SHF” appears in the display. The tracks on the IPOD will now play in a random order. To cancel this feature press the **SHF** button again.



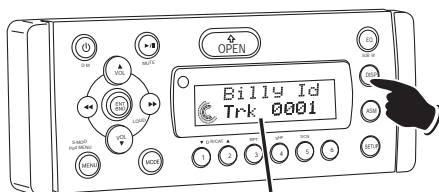
Preview Tracks:

Press the **SCN** button until “SCN” appears in the display. Each track on the IPOD will now play for 10 seconds. To cancel this feature press the **SCN** button until “SCN” disappears from the display.



Display Selection:

Press the **DISP** button to display the following track information: Track, Elapse Time and Song Title.



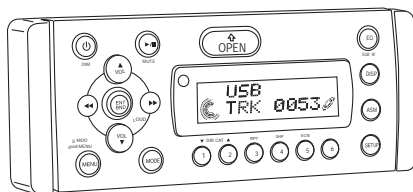
Display Modes

USB Operation (Option)

General Operations:

1. Press the **POWER** button to turn the unit On.
2. Connect a MP3 player to the USB cable coming from the WM1-CD.
3. The unit will automatically switch to the USB mode and start playing.

Note: The controls on the MP3 player will become inoperable, and the WM1-CD will now control the MP3 player.



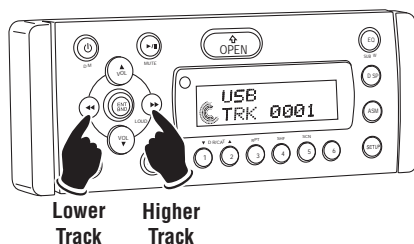
USB Operation (Option) (Continued)

Track Selection:

Press the ◀ button to select a lower track.

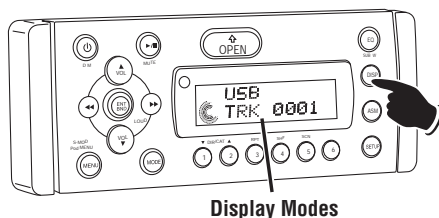
Press the ▶ button to select a higher track.

The track number will appear in the display.



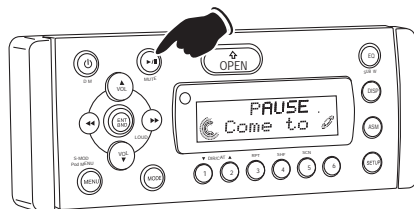
Display Selection:

Press the DISP button to display the following MP3 disc information: Track, Elapse Time and Song Title.



Pausing a Track:

Press the ⏸ button to pause the track. Press it again to resume play.



Repeating a Track:

Random Track Play Order:

Preview Tracks:

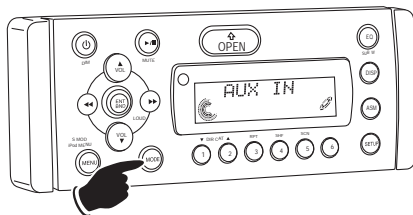
(See CD Operation for details)

Auxiliary Audio Input Operation

Selecting an Auxiliary Audio Input Play Source:

1. Press the ⏻ button to turn the unit On.
2. Press the **MODE** button until "AUX IN" appears in the display.
3. Refer to the audio device's owners manual for proper operation.



Note: The WM1-CD will not control the auxiliary source, but can adjust the sound controls.

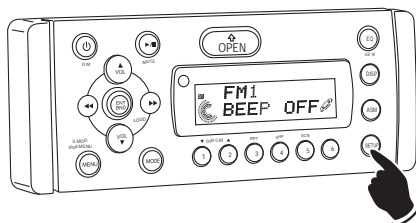


Setup Features

Button Beep On and Off Confirmation:



Follow the instructions below to turn On or Off the button when pressed beep confirmation.

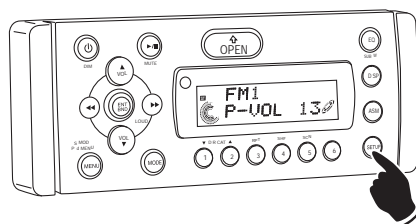
1. Press and hold the **SETUP** button approximately 10 seconds until “BEEP ON” appears in the display.
2. Press the  button for beep confirmation Off, and press the  button for beep confirmation On.
3. Wait 5 seconds, and the unit will return to the last display mode.



Primary Volume:



Follow the instructions below to adjust the initial start-up volume level.

1. Press and hold the **SETUP** button approximately 10 seconds until “BEEP ON” appears in the display. Press the **SETUP** button again until “P-VOL 12” appears in the display.
2. Press the  or  button to adjust the primary volume.
3. Wait 5 seconds and the unit will return to last display mode.



Area Radio Frequency Adjustment:

Follow the instructions below to change the area configuration.

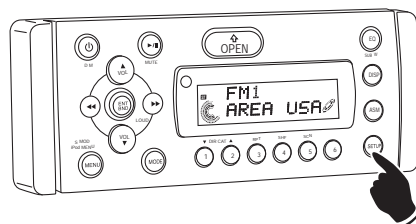
1. Press and hold the **SETUP** button approximately 10 seconds until “BEEP ON” appears in the display. Press the **SETUP** button two more times until “AREA USA” appears in the display.
2. Press the  or  button to adjust the area.

Note: If operating the unit in the USA do not change the area.

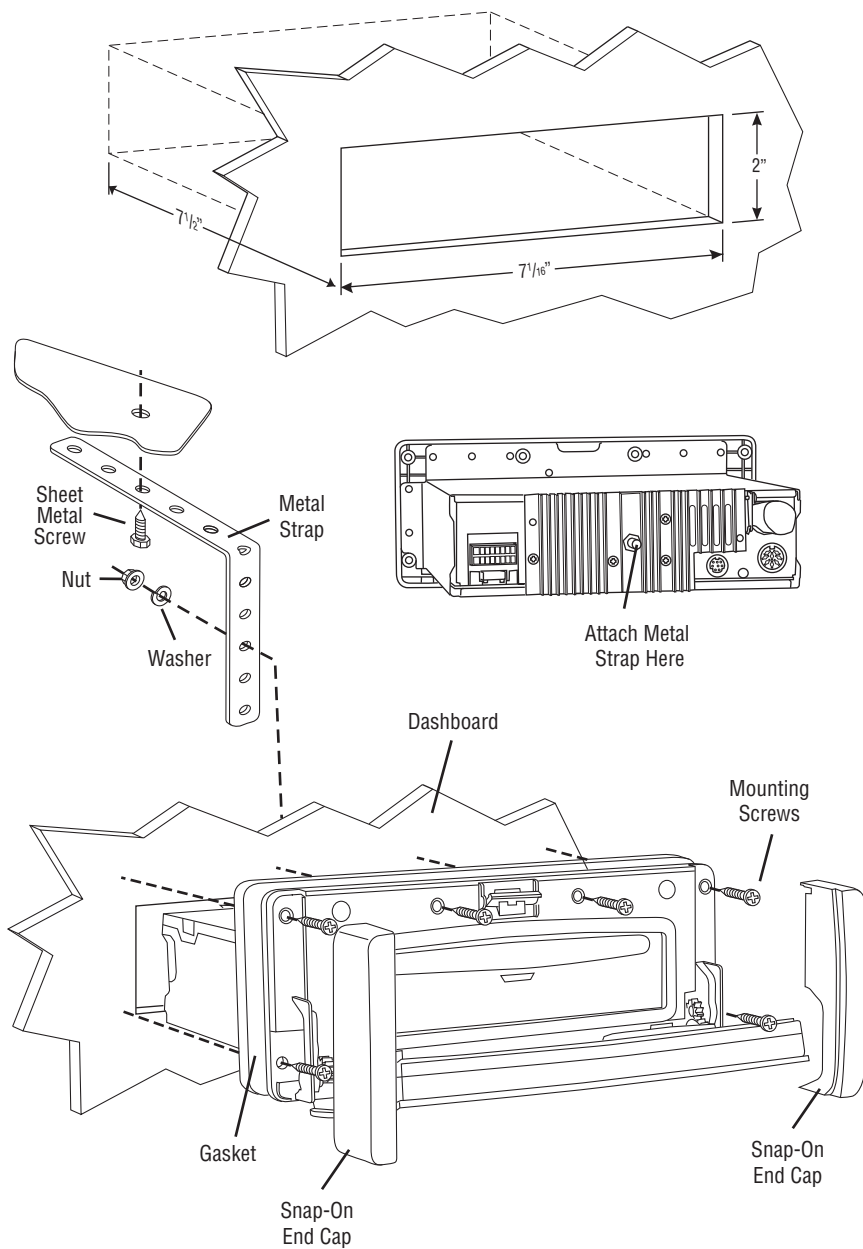
“AREA OCE” = Australia and New Zealand.

“AREA EUR” = Europe.

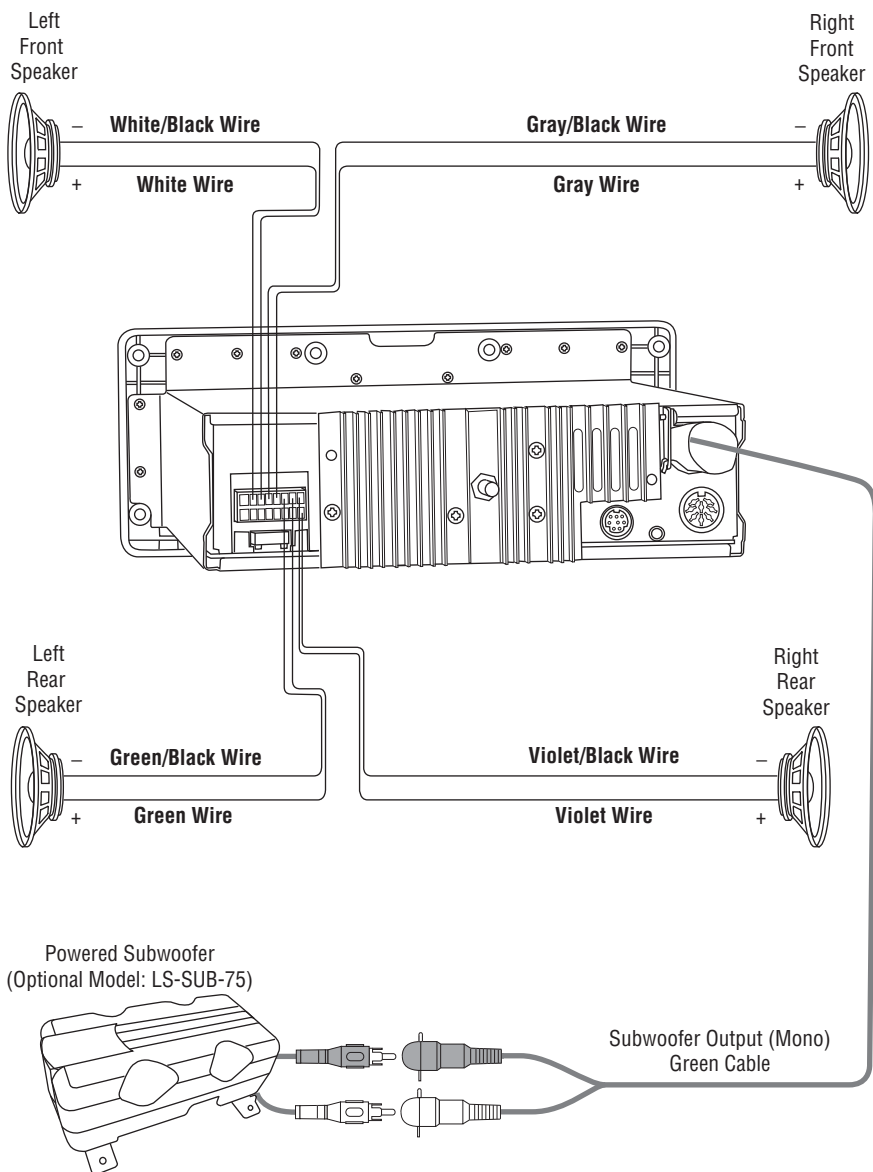
3. Wait 5 seconds and the unit will return to last display mode.



Installation

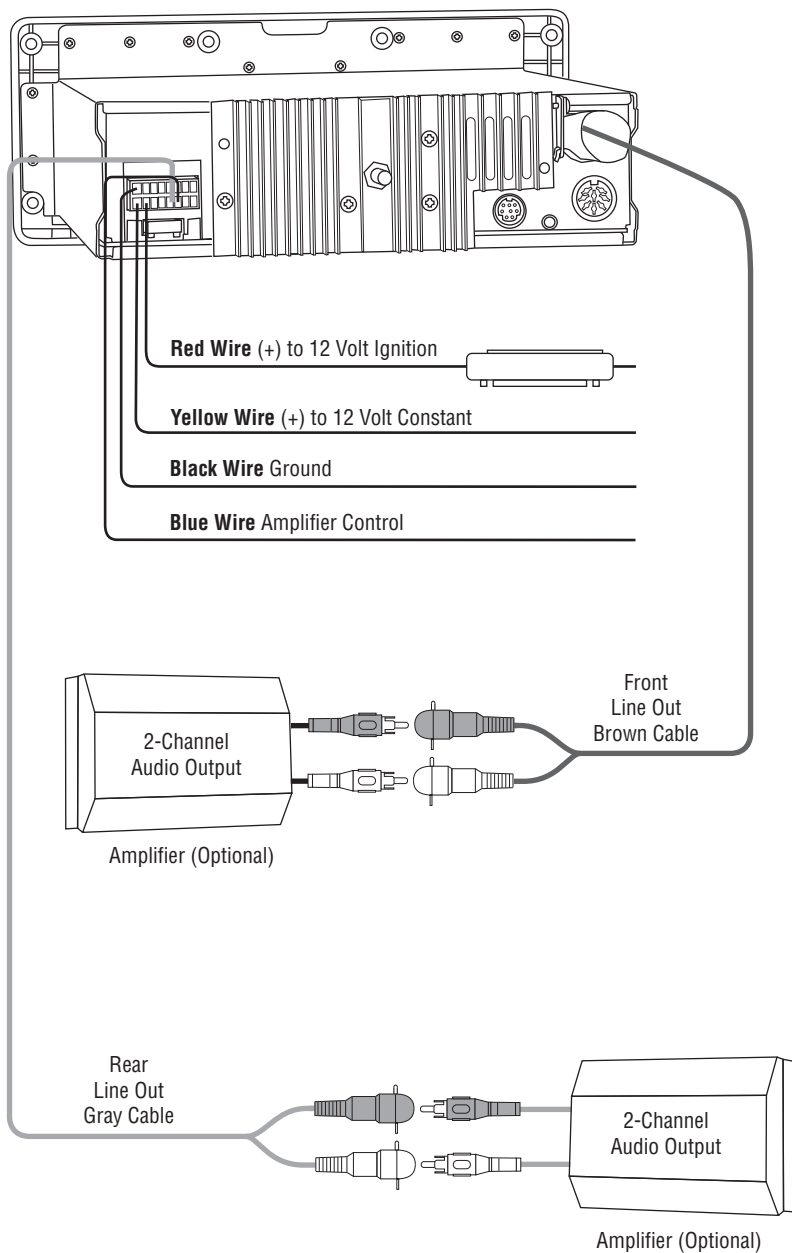


Speaker Connections

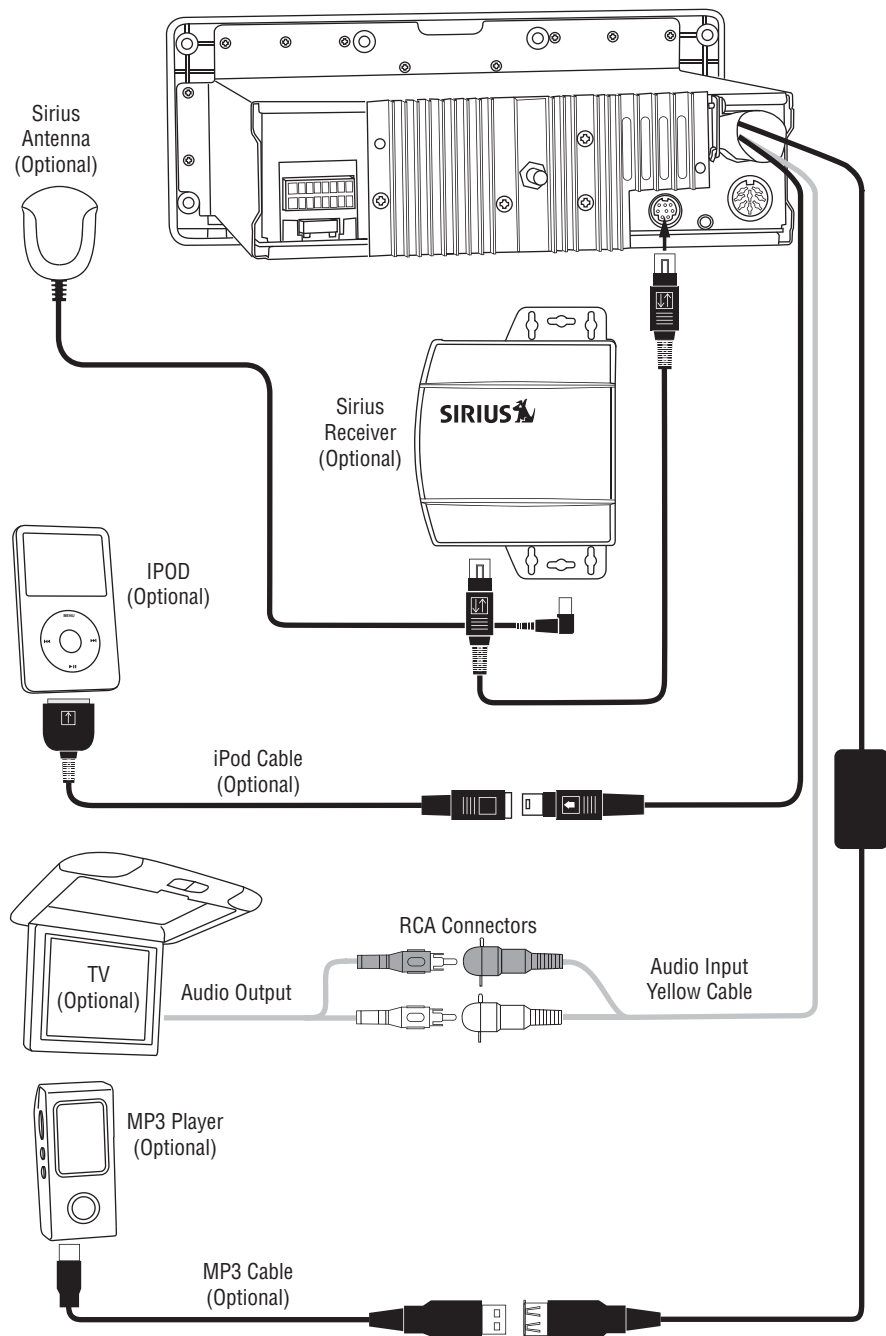


Auxiliary Connections

This unit for use only with a 12 Volt DC power source with a negative ground.

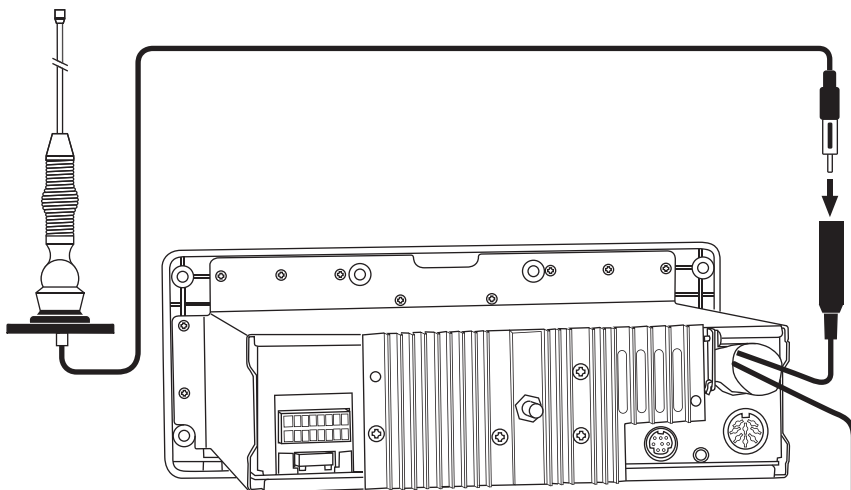


Input Connections



Input Connections (Continued)

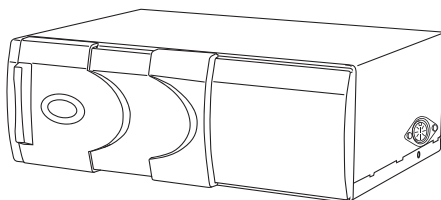
External Automotive
Type Antenna
(Optional)



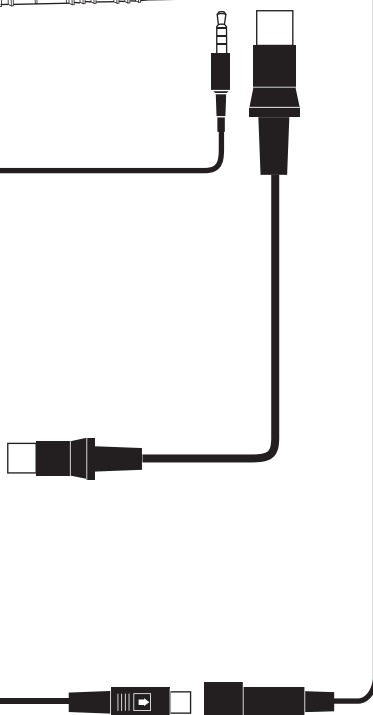
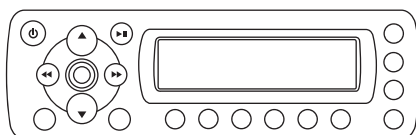
Infrared Remote Sensor
(Optional)



CD Changer
(Optional)

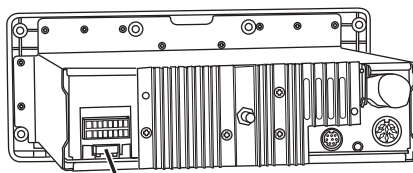


Wired Remote Controller
(Optional Model: WRC-P1, WRC-S1, WRC-S2)



Replaceable Fuse

If the fuse should blow, check that the wiring is correct. If the wiring is correct, replace the fuse with the same amperage rating as the original (15 amp).



15 Amp Fuse

MBQUART NAUTIC AUDIO

LIMITED WARRANTY

This warranty will be honored only in U.S.A.

MB Quart offers to the original purchaser a one (1) year warranty period from date of purchase. Except as specified below, this warranty covers all defects in material and workmanship in this component.

The following are not covered by the warranty:

1. Any product which is not distributed in the U.S.A. by TriStar Distributing or which is not purchased in the U.S.A. from an authorized TriStar Distributing dealer.
2. Any product on which the serial has been defaced, modified or removed,
3. Damage, deterioration or malfunction resulting from:
 - a. Any shipping damage (claims must be presented to the carrier).
 - b. Installation or removal of the product.
 - c. Accident, acts of nature, misuse, abuse, neglect, unauthorized product modification or failure to follow instructions supplied with the product.
 - d. Repair or attempted repair by anyone not authorized by TriStar Distributing.
 - e. Any other cause that does not relate to a product defect.

If within the one-year warranty period your MB Quart marine product should fail, please contact the dealer where the product was purchased to obtain authorization for warranty service. You must include a copy of the original dated sales receipt as proof of warranty coverage. All warranty service returns must be shipped freight prepaid. We will pay the return shipping charges, if repairs are covered by the warranty and we are shipping within the United States.

After the warranty period if your MB Quart Marine Product ever needs service, please call 1-800-621-2278 and ask for the service department, to determine if the repairs are feasible.

LIMITATION OF IMPLIED WARRANTIES

ALL IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE LENGTH OF THIS WARRANTY.

EXCLUSION OF DAMAGES

TriStar Distributing liability for any defective product is limited to the repair or replacement of the product at our discretion. TriStar Distributing shall not be liable for:

1. Installation or removal, damage to other property caused by any defects in components, damages based upon inconvenience, loss of use of the product; or any other damages, whether incidental, consequential or otherwise.
2. Some states do not allow limitations on how long an implied warranty lasts and/or do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations and exclusions may not apply to you.

This warranty gives you specific rights, and you may have other rights, which may vary from state to state.

If a problem develops during or after the Limited Warranty Period; or if you have any questions regarding the operation of the product, you should contact TriStar Distributing warranty department.

TriStar Distributing
58263 Charlotte Avenue
Elkhart, Indiana 46517
800-621-2278