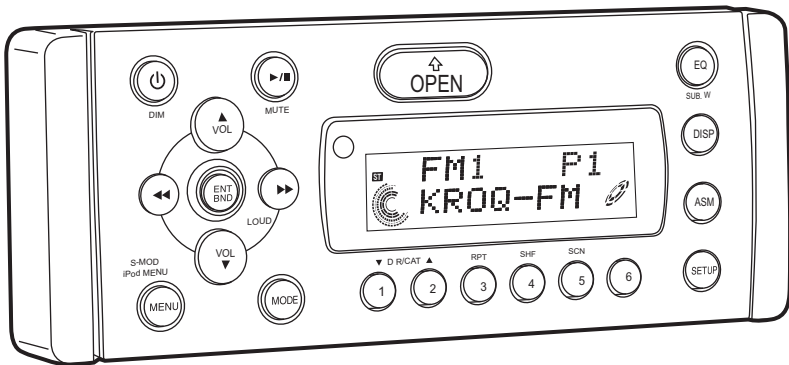


# Operation and Installation Manual

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## **WM1-DVD** Waterproof Marine AM/FM Stereo Receiver with CD/DVD 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/DVD Player.

## Safety Information

**CAUTION!** THIS MARINE CD/DVD 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.

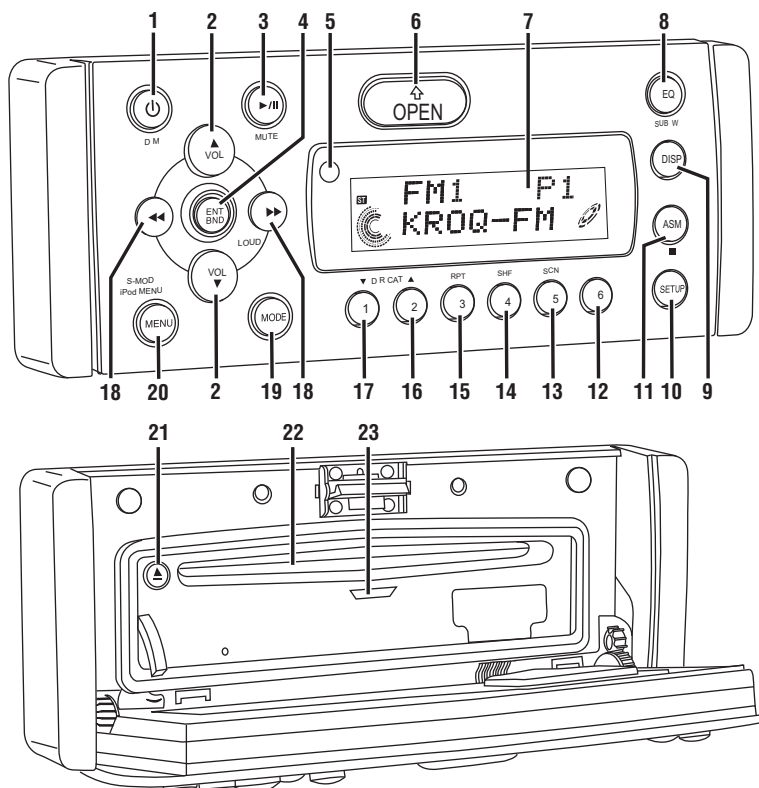
DO NOT OPEN COVERS AND DO NOT REPAIR BY YOURSELF. PLEASE REFER SERVICING TO A QUALIFIED TECHNICIAN.

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



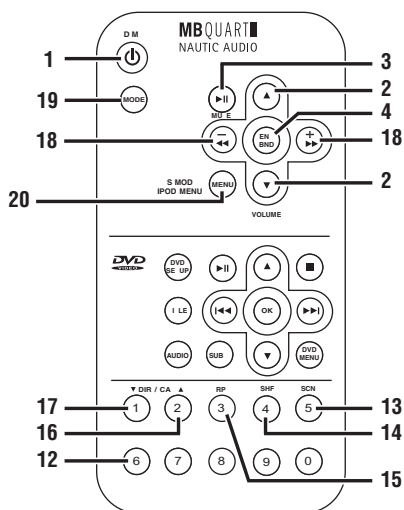
- 1. Power On/Off and Display Dimmer:** Press to turn the unit On or Off. Press and hold to dim the display. Press and hold again to restore display's illumination.
- 2. Volume Control:** Press the button to increase the volume level, and press the button to decrease the volume level.
- 3. Disc Play/Pause and Mute Button:**  
**DVD, CD and CD Changer Mode:** Press to pause disc play, press again to resume play.  
**Radio, Sirius Satellite Radio and AV IN 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 remote control.
- 6. Open Button:** Press to fold down the front panel to access the disc player slot and disc eject button.
- 7. Display Area:** This area displays all function information for the radio, disc player, audio/video input, IPOD, Sirius and MP3 modes.
- 8. Equalizer Button (EQ):** Press to choose between preset sound equalization settings.
- 9. Display Button (DISP):**  
**Radio Mode:** Press to display radio RBDS (Radio Broadcast Data System) information.  
**DVD, CD and CD Changer Mode:** Press to display disc information.

## Button Locations and Functions

- 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 (ASM) and Stop Button:**
  - Radio Mode:** Press and hold for automatic station memory storing. Press and release for scanning memorized stations.
  - DVD, CD and CD Changer Mode:** Press to stop disc play.
- 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/Chapter Buttons:**
  - Radio Mode:** Press either button and the tuner will scan to the next strong station and stop. 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.
  - DVD Mode:** Press to change the chapter to a lower or higher chapter.
- 19. Mode Button:**

Press to change the play source: Radio, Disc and Audio/Video 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.
  - DVD Mode:** Press to display the DVD setup menu.
- 21. Eject Button (▲):** Press to eject the loaded disc.
- 22. Disc Slot:** To play a DVD/CD insert a disc into the slot with the label facing up.
- 23. Power Indicator:** Lights up when the unit has power.

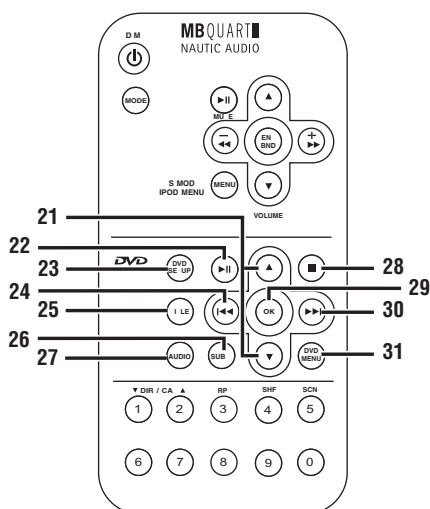
## Remote Control Button Locations and Functions



- 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 and buttons to increase and decrease the volume level.
- 3. DVD/CD Play/Pause and Mute Button:**  
**DVD, CD and CD Changer Mode:** Press to pause disc play, press again to resume play.  
**Radio, Sirius Satellite Radio and AV 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.
- 12. Multi-Function Button #6:**  
**Radio Mode:** Press and hold until a beep is heard to memorize a radio station. 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. 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. 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. 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. 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. 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/Chapter 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 or until the desired radio station is tuned-in.  
**CD and CD Changer Mode:** Press to change the track to a lower or higher track.  
**DVD Mode:** Press to change the chapter to a lower or higher chapter.
- 19. Mode Button:**  
 Press to change the play source: Radio, DVD and AV IN. 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.  
**DVD Mode:** Press to display the DVD setup menu.

# Remote Control Button Locations and Functions (Continued)

## DVD Operation Section



### 21. Navigation Buttons:

These buttons serve as navigation buttons to select items up and down.

### 22. Play/Pause Button: (▶||)

Press to pause disc play, press again to resume play.

### 23. DVD Setup Button:

Press to display onscreen Setup menu.

### 24. Chapter Select, Backward Disc Play and Menu Navigation Button:

**Chapter Select:** Press to select a lower chapter on the DVD.

**Backward Disc Play:** Press and hold until "BACKWARD X 2 ◀◀" appears in the display then release the button. Press and hold again and "BACKWARD X 4 ◀◀" will appear. X8 and X20 speeds can also be selected. Press the (▶||) button at any time to resume normal play.

**Menu Navigation:** This button serves as a navigation button when the DVD's menu is displayed.

### 25. Title Button:

Press this button to display the disc title.

### 26. Subtitle Button:

Press to access DVD's subtitle languages.

### 27. Audio Button:

Press to access DVD's audio settings.

### 28. Stop Button:

Press the button one time to stop the disc. To resume play, press the (▶||) button.

Pressing the button two times, then pressing the (▶||) button will play the disc from the beginning.

### 29. OK Button:

Executes the selected item.

### 30. Chapter Select, Fast Forward Disc Play and Menu Navigation Button:

**Chapter Select:** Press to select a higher chapter on the DVD.

**Fast Forward Disc Play:** Press and hold until "FORWARD X 2 ▶▶" appears in the display then release the button. Press and hold again and "FORWARD X 4 ▶▶" will appear. X8 and X20 speeds can also be selected. Press the button at any time to resume normal play.


**Menu Navigation:** This button serves as a navigation button when the DVD's menu is displayed.

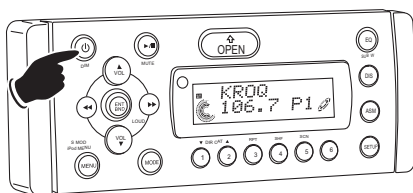
### 31. Menu Button:

Press to display the root menu that is stored on the DVD disc.

## 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, FM3 or Radio Station Call Letters** (AM and FM Radio),

**DVD PLAY** (Built-in DVD/CD Player),

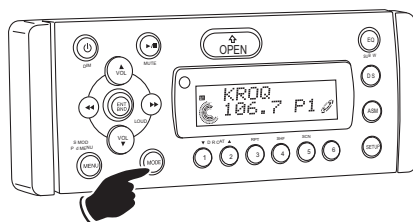
**AV IN** (Auxiliary Audio/Video Input),

**SIRIUS** (Satellite Radio Input, if connected),


**CD-CH** (CD Changer, if connected),

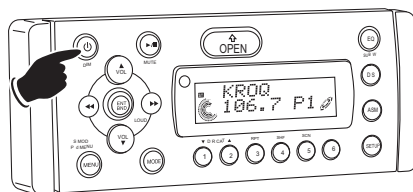
**USB** (MP3 Player, if connected) and

**IPOD** (IPOD Input, if connected).



### Dimming the Display:

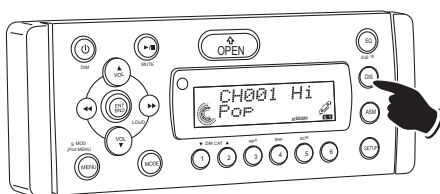
Press and hold the  button to dim the brightness of the display. Press and hold again to restore the brightness of display.



### 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 → CATEGORY → SONG TITLE . . .



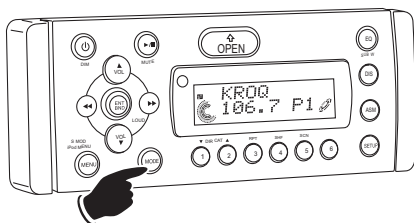
# AM/FM Radio Operation

## Power On/Off:

Press the  button to turn the unit On.

## Selecting the Play Source:

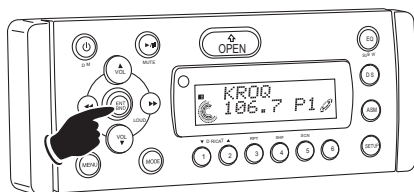
Press the **MODE** button until “AM1, AM2, FM1, FM2, FM3 or radio station call letters” appears in the display.







## Selecting the AM or FM Band:

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

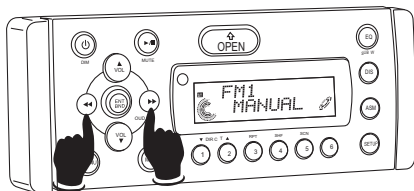
**Note:** Radio station call letters may be displayed instead of the radio band.



## 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  until the desired radio station appears in the display.

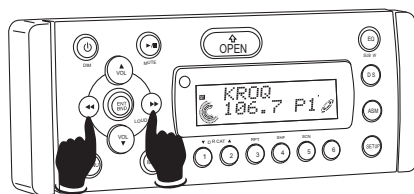
**Note:** The unit will automatically switch from FM Mono to FM Stereo when the signal strength increases to a stereo level. If the stereo signal should become weak, the unit will switch back to Mono. FM Stereo reception is indicated when the “ST” appears in the display.



**Lower Frequency**      **Higher Frequency**

## 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.

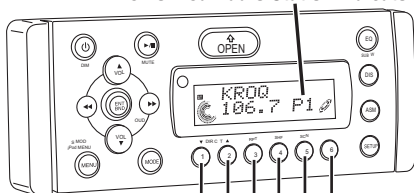


**Lower Frequency**      **Higher Frequency**

## 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.

## Memorized Radio Station Indicator

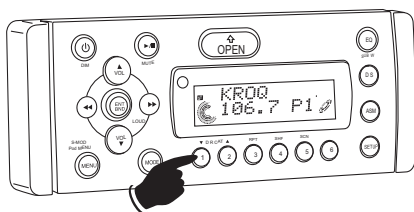


**Radio Station Recall Buttons**

## AM/FM Radio Operation (Continued)

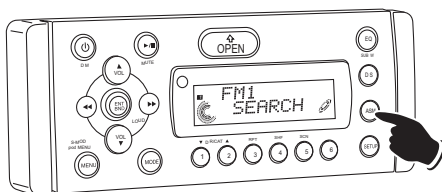
### Recalling Memorized Radio Stations:

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 buttons to select the memorized radio station.



### Automatically Store Radio Stations:

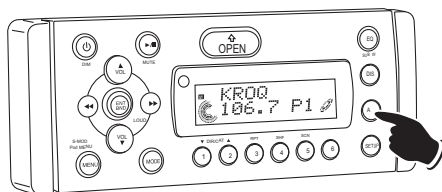
1. Press the **ENT BND** button to select either the FM1, FM2, FM3, AM1 or AM2 radio band.
2. Press and hold the **ASM** button and "SEARCH" will appear in the display. The tuner will search for the strongest stations and store them into memory. The new stations will replace stations that were previously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



Hold

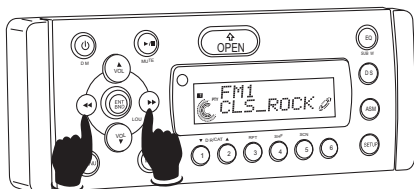
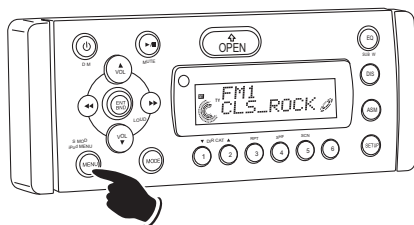
### Scanning Stored Radio Stations:

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** (up) or **VOL** (down) to select the desired program type (PTY). (Example: News, Information, Sports, etc.)
4. Press the **Left Arrow** or **Right Arrow** button to search a station with the selected program type (PTY).




Lower

Higher

## Sound Controls

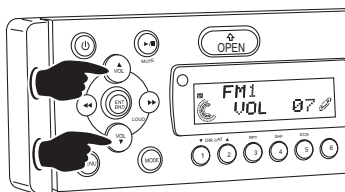
### Volume:

Increase the volume by pressing the  button.

Decrease the volume by pressing the  button.

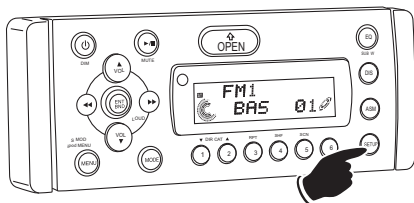
Increase

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.

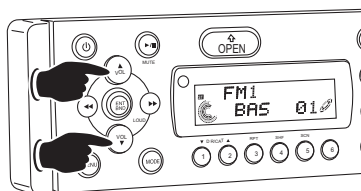


### Bass:



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

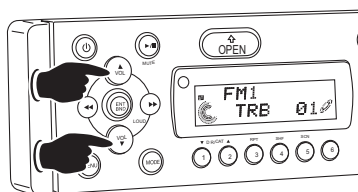


### Treble:



1. Select the Treble mode (TRB) 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

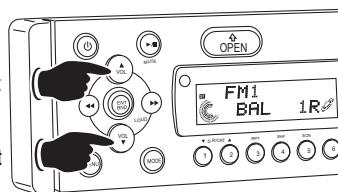


### Balance:

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 L=R = Equal sound right and left speakers.

BAL 10R = Right speakers only.

BAL 10L = 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.

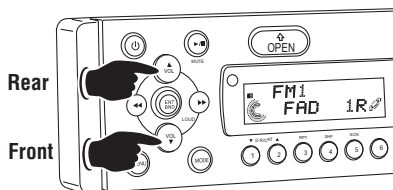
To adjust the amount of sound output to the Front speakers press the **VOL** button.

FAD F=R = Equal sound front and rear speakers.

FAD R10 = Rear speakers only.

FAD F10 = 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.

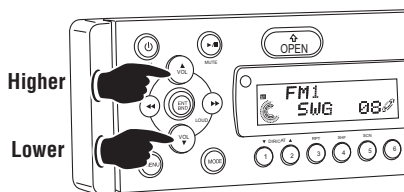
SWG 00 = No gain.

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 12) 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.

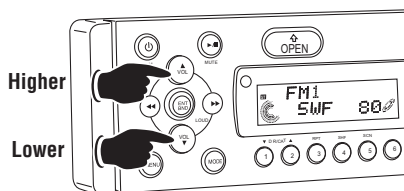
SWF 160 = Low Pass 160Hz

SWF 120 = Low Pass 120Hz

SWF 80 = Low Pass 80Hz

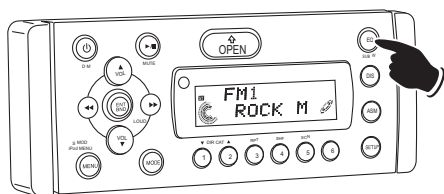
3. After 5 seconds control reverts back to volume control.

**Note:** If subwoofer output is turned Off, Subwoofer Cutoff Frequency mode is not accessible. See Subwoofer Output (page 12) for more information.



### Equalizer (EQ):

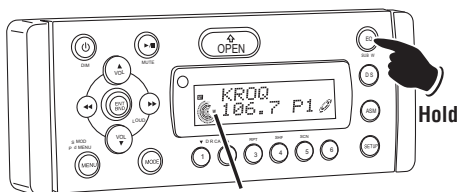
Press the **EQ** button to choose between the pre-set equalizer settings: FLAT, CLASSICS, POP M, ROCK M, JAZZ and DSP OFF as indicated in the display area.



## Sound Controls (Continued)

### Subwoofer Output:

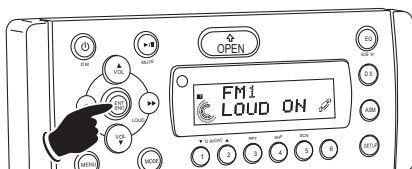
Press and hold the **EQ** button to turn subwoofer output On and Off. "SW" appears in the display when the subwoofer is On and "SW" does not appear when the subwoofer output is Off.



"SW" Subwoofer On Indicator

### Loudness:

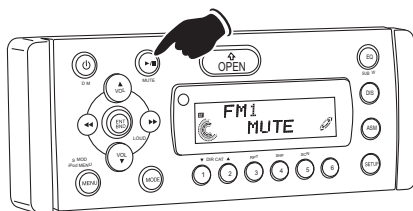
To boost high and low tones at low volume levels, press and hold the **ENT BND** button until "LOUD ON" appears in the display. To deselect, press and hold the **ENT BND** button again until "LOUD OFF" appears in the display.



Hold

### Mute:

Press and release the **MUTE** button to mute the volume level. If a disc 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:



**DVD**  
12cm disc  
(Single-sided disc only)



**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 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 benzene, thinner or conventional record cleaners as they may mar the surface of the disc.

Label side up



Do not touch the underside of the disc



Do not bend



Wipe the disc from the center toward the outside edge

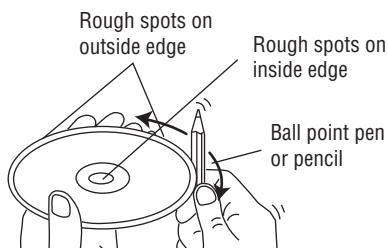


**Note:** A disc may become somewhat scratched (although not enough to make it unusable) depending on handling and conditions in the usage environment.

## 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.

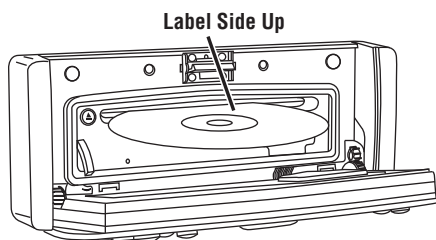
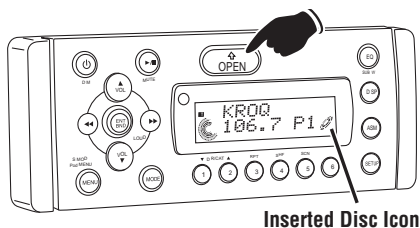


## CD Operation

### General Operations:

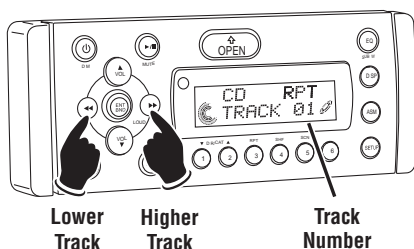
1. Press the button to turn the unit On.
2. Press the **OPEN** button to fold down the front panel to access the CD player slot.
3. Gently insert the disc into the slot with the label side up. The unit will automatically load the disc.

**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.



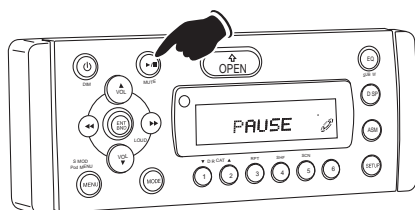
### CD Track Selection:

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



### Pausing a CD:

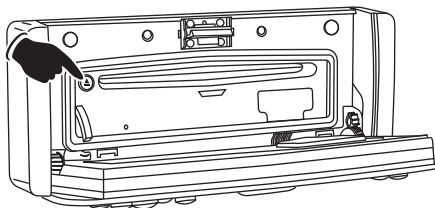
Press the button to pause the disc, press it again to resume play.



## CD Operation (Continued)

### Ejecting a CD:

1. Press the **OPEN** button to fold down the front panel to access the disc slot.
2. Press the **▲** button to eject a disc.

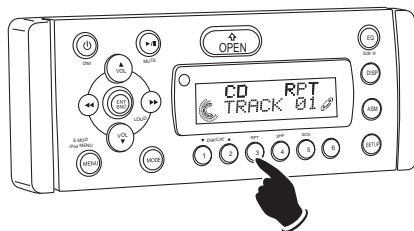


### Repeating a CD Track:

The WM1-DVD's default setting is to repeat the disc. So when the CD mode is selected, "RPT" appears in the display, the disc will play the entire disc and then continually repeat the disc.

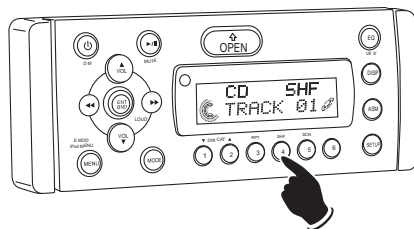
To repeat a CD track press the **RPT** button two times. "RPT" on the first press will disappear then on the second press "RPT" will reappear. The CD track will now play repeatedly. Press the **RPT** button one more time to cancel track repeat.

The repeat feature operates in the following sequence: Disc Repeat → Repeat Off → Track Repeat → Disc Repeat . . .




### 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.

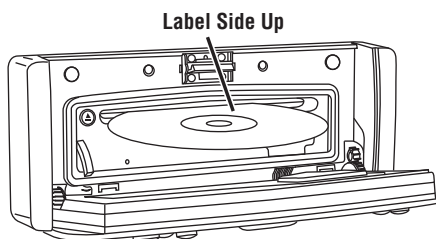
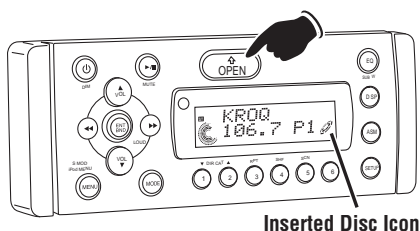


# DVD Operation

## General Operations:

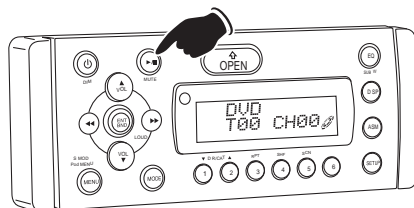
1. Press the  button to turn the unit On.
2. Press the **OPEN** button to fold down the front panel to access the DVD player slot.
3. Gently insert the disc into the slot with the label side up. The unit will automatically load the disc.

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




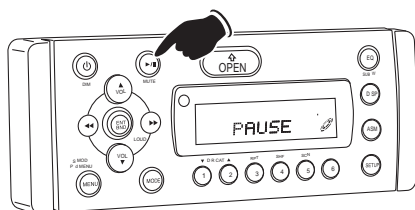
## Playing a DVD:

Press the  button to play the disc.







## Pausing a DVD:

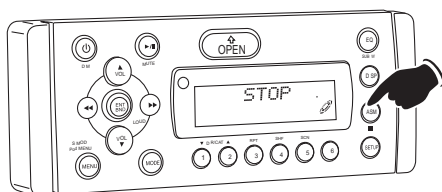
Press the  button to pause the disc, press it again to resume play.



## Stopping a DVD:

Press the  button to stop the disc. To resume play, press the  button.

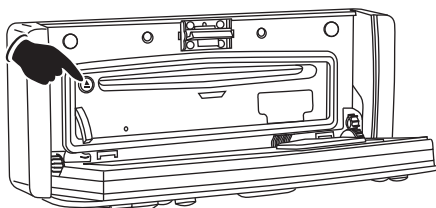
Pressing the  button 2 times. Then pressing the  button and the disc will start playing from the beginning.



## DVD Operation (Continued)

### Ejecting a DVD:

1. Press the **OPEN** button to fold down the front panel to access the disc slot.
2. Press the **▲** button to eject a disc.



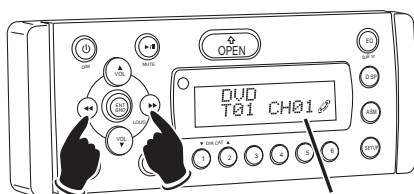
### DVD Chapter Selection:

Press the **▶▶** button to select a lower chapter.  
Press the **◀◀** button to select a higher chapter.  
The chapter number will appear in the display.

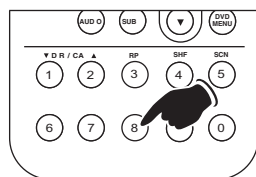
Chapter selection can also be selected by using the remote control. Press the chapter selection number button that corresponds to the chapter you want to play.

For example: If you want to play chapter 8, press button **8** button.

If you want to play chapter 28, press the **2** button followed immediately by the **8** button. Chapter 28 will start playing and "28" will appear in the display.



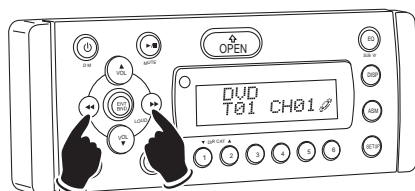
Lower Chapter      Higher Chapter      Chapter Number



### Fast Forward / Fast Reverse Disc Play:

Press and hold the **▶▶▶** (fast forward) or **◀◀◀** (fast reverse) button during play. Each time the button is pressed and held, the speed of fast forward/fast reverse changes in the following order: 2X, 4X, 8X, 20X

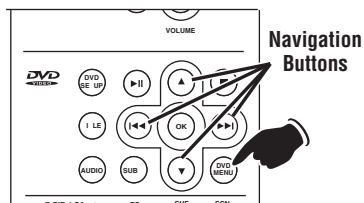
To resume normal play, press the **▶||** button.



Fast Rewind      Fast Forward

### Menu Function:

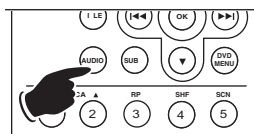
Press the **DVD MENU** button during disc play and the main menu will be displayed. Scroll through the menu with the **NAVIGATION BUTTONS**. Select a feature by pressing the **OK** button.



Navigation Buttons

### Audio Language Menu:

Press the **AUDIO** button during playback to select the desired audio/language setup.

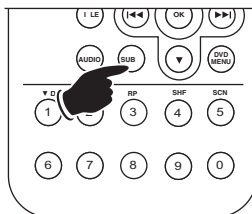


## DVD Operation (Continued)

### Subtitle Language Menu:

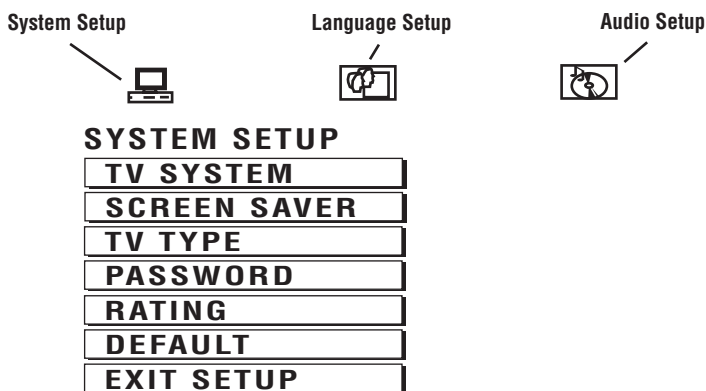
Press the **SUB-T** button during playback. Each time the button is pressed, the subtitle language changes in sequential order.

- Some discs may only contain one subtitle language.
- Depending on the disc, the number of subtitle languages may be different.



## DVD Setup Menu

**Note:** To access the DVD Setup Menu a DVD disc has to be inserted.



Press the **DVD SETUP** button on the remote control to display the Setup Menu:

### System Setup Page:

Use the navigation buttons to scroll between the menu items. Make a selection by pressing the **OK** button.

- TV System: NTSC, PAL, Auto
- Screen Saver: On, Off.
- TV Type: 4:3PS, 4:3LB, 16:9
- Password: \_ \_ \_ \_
- Rating: 1 Kid Safe
  - 2 G
  - 3 PG
  - 4 PG13
  - 5 PG-R
  - 6 R
  - 7 NC-17
  - 8 Adult
- Default: Restore
- Exit Setup

### Language Setup Page:

Use the navigation buttons to scroll between the menu items. Make a selection by pressing the **OK** button. Language Setup Options:

- OSD Language: English, German, Spanish, French, Portuguese, Italian, Russian
- Audio Lang: English, German, Spanish, French, Portuguese, Italian, Russian
- Subtitle Lang: English, German, Spanish, French, Portuguese, Italian, Russian, Off
- Menu Lang: English, German, Spanish, French, Portuguese, Italian, Russian, Off
- Exit Setup

### Audio Setup Page:

Use the navigation buttons to scroll between the menu items. Make a selection by pressing the **OK** button. Audio Setup Options:

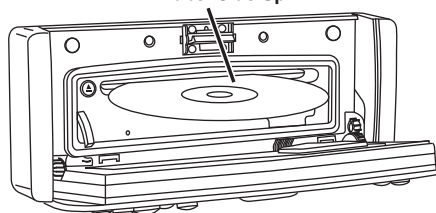
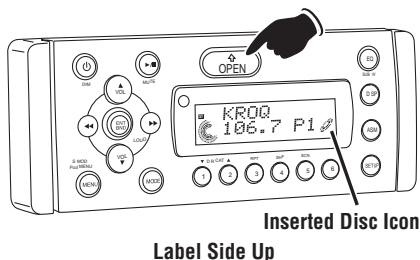
- Key: #, +3, +2, 0, -2, -4, b
- Exit Setup

# MP3 Disc Operation

## General Operations:

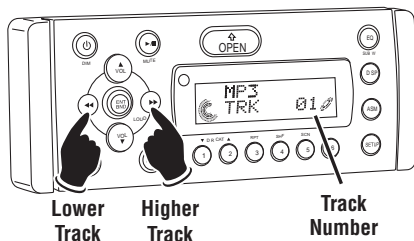
1. Press the **⏻** button to turn the unit On.
2. Press the **OPEN** button to fold down the front panel to access the disc player slot.
3. Gently insert the disc into the slot with the label side up. The unit will automatically load the disc.

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



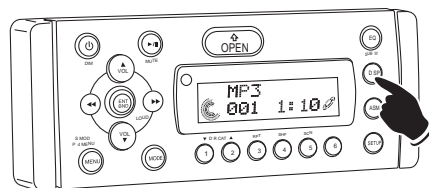
## Disc Track Selection:

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



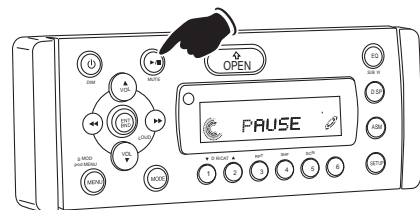
## Display Selection:

Press the **DISP** button to display the elapse time.



## Pausing a Disc:

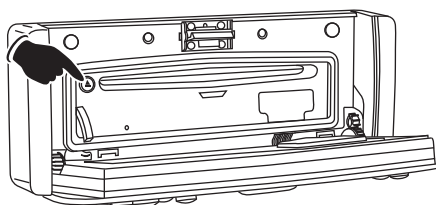
Press the **⏸** button to pause the disc. Press it again to resume play.



## Ejecting a Disc:

1. Press the **OPEN** button to fold down the front panel to access the disc slot.
2. Press the **⏴** button to eject a disc.

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



## CD Changer Operation (Option)

### Load CDs into Changer:

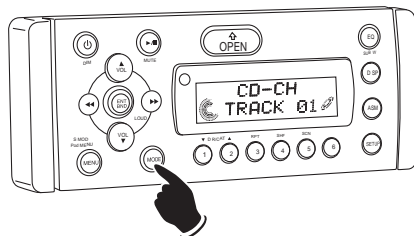
Insert the CD magazine into the external CD changer.

### Power On/Off:


Press the  button to turn the unit On.


### Selecting the Play Source:

Press the **MODE** button until “CD-CH” appears in the display.

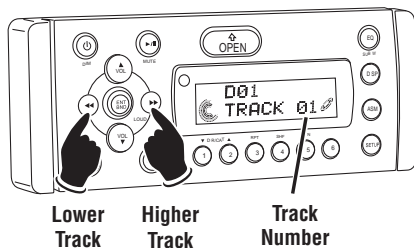


### CD Track Selection:

Press the  button to select a lower track.

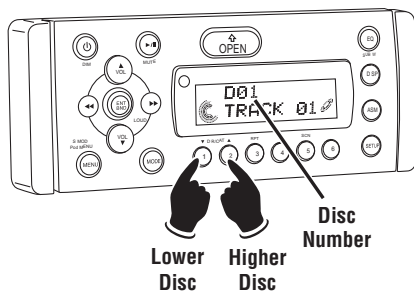
Press the  button to select a higher track.

The track number will appear in the display.




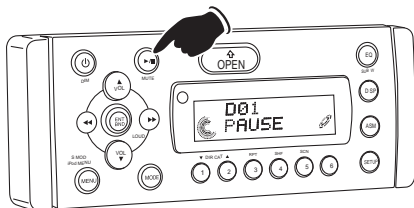
### CD Disc Selection:

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:

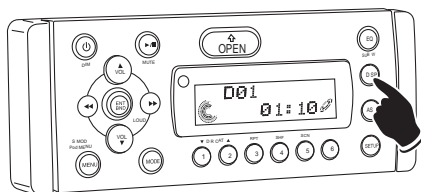
Press the  button to pause the disc. Press it again to resume play.



## CD Changer Operation (Continued) (Option)

### Display Selection:

Press the **DISP** button to display the elapse time. After 5 seconds the display will revert back to track display.

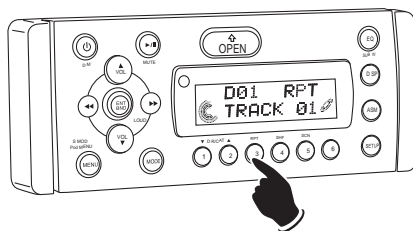


### Repeating a CD Track or Disc:

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. "DRPT" will appear in the display. The disc will now play repeatedly.

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

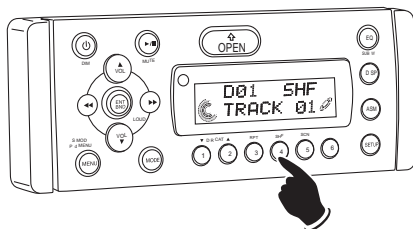


### Random CD Track or Disc Play Order:

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 "DSHF" 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.

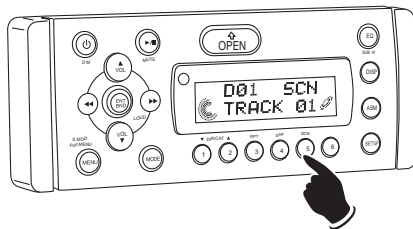


### Preview CD Tracks or Disc:

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 "DSCN" 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.

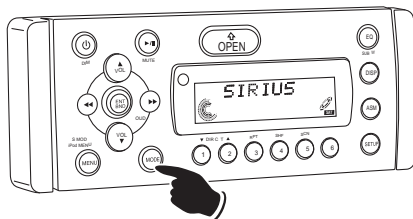


## Sirius Satellite Radio Setup (Option)

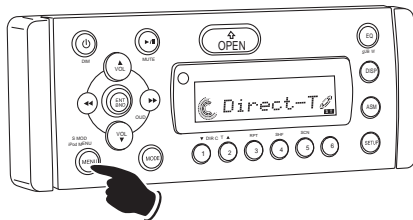
**Note:** If your Sirius tuner is not activated, call 1-888-539-7474 to activate. The Sirius Tuner ID Number (ESN) is required during the activation process. Following the instructions below to access the Sirius Tuner ID Number (ESN):

### Accessing your Sirius Tuner ID Number (ESN):

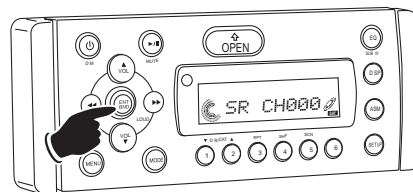
1. Press the **MODE** button until "SIRIUS" appears in the display area.



2. Press the **MENU** button until "Direct-T" appears in the display area.



3. Press the **ENT BND** button 4 times "SR CH000.." appears in the display area. The ESN number will appear in the display in two different screens.



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

**4 Times**

## 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](http://www.siriusradio.com).

### Channel Selection Modes:

Channels are selected by the following methods:

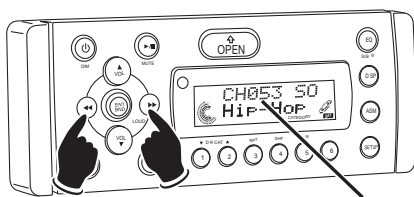
- Manual Tuning: Use the Manual Tuning method to scan thru the channels.
- Direct Tuning: Use the Direct Tuning methods when you know the desired channel.
- Category Tuning: Use the Category Tuning method when you know what category you want to scan for a channel.

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.



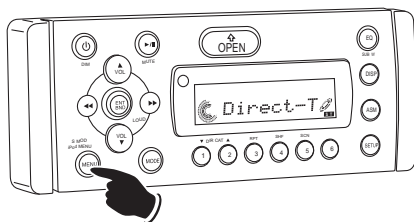
Lower  
Channel

Higher  
Channel

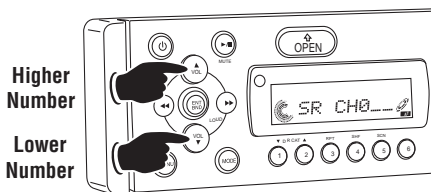
Channel  
Number

### Direct Tuning:

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



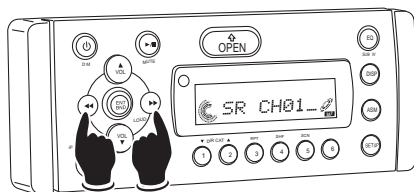
2. Press the ▲VOL or ▼VOL button to select the first number of the desired channel.



Higher  
Number

Lower  
Number

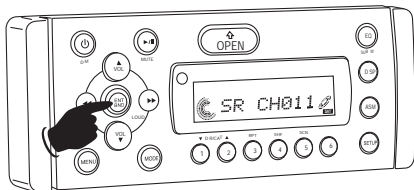
3. Press the ▶▶ button to choose the next number. Press the ▲VOL or ▼VOL button to select the second number of the desired channel. Repeat this procedure for the third number.



Previous  
Number

Next  
Number

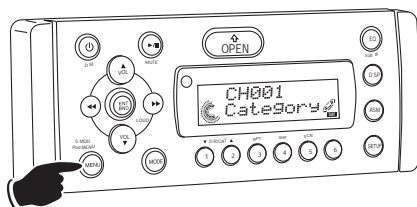
4. Press the **ENT BND** button and the channel will start playing.



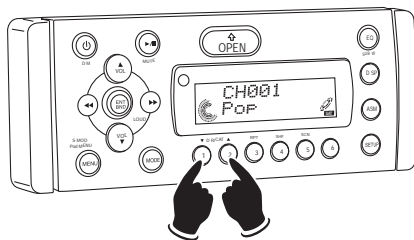
## Sirius Satellite Radio Operation (Option) (Continued)

### Category Tuning:

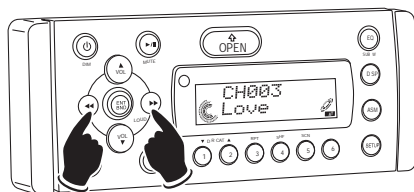
1. Press the **MENU** button until "CATEGORY" appears in the display.



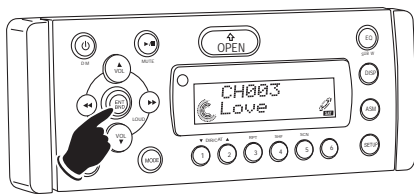
2. Press the **1** or **2** button to select the desired category.



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



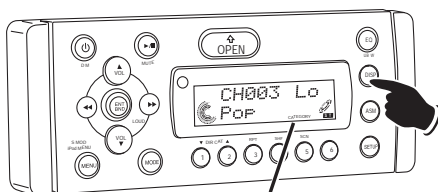
4. Press the **ENT BND** button and the channel will start playing.



### Switching the Display:

Press the **DISP** button to cycle through the following display modes.

SONG TITLE → ARTIST → CATEGORY → SONG TITLE...

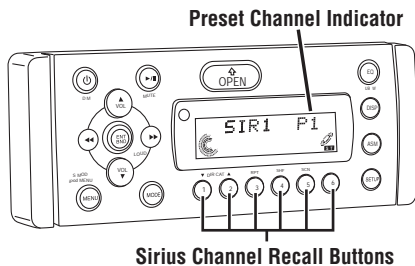


Display Modes

## Sirius Satellite Radio Operation (Option) (Continued)

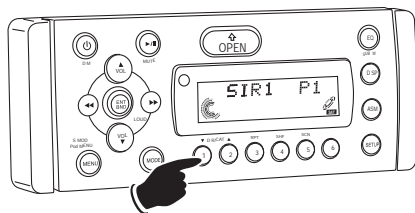
### Memorizing a Preset Channel:

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

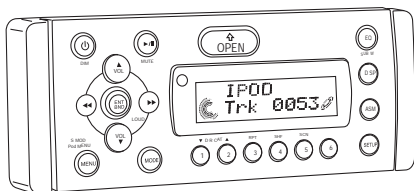


## IPOD Operation

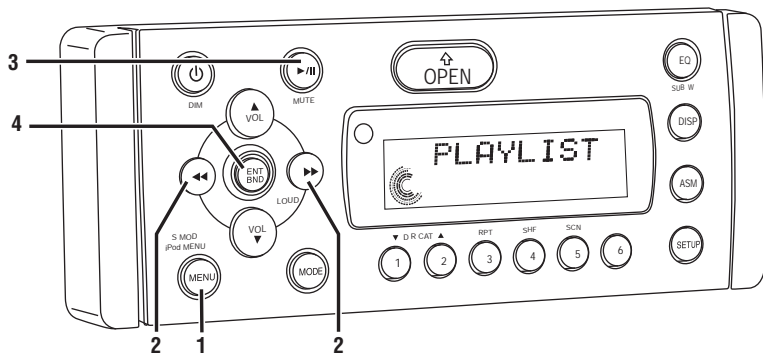
### General Operations:

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

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



### IPOD Mode Button Location and Functions:

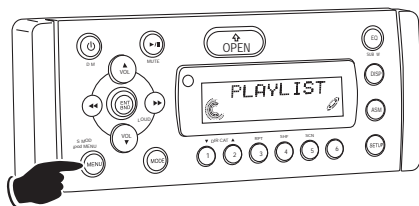


1. **Menu Button:** Same operation as the MENU button on an IPOD.
2. **Next and Previous Button:** Press these buttons to scroll through the menu items, which is the same operation as the IPOD's Click Wheel.
3. **Play/Pause Button (▶||):** Same operation as the ▶|| button on an IPOD.
4. **ENT BND Button:**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

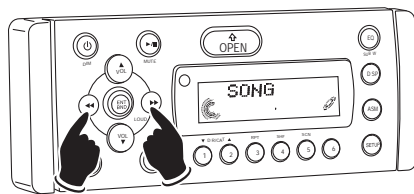
## IPOD Operation (Continued)

### Browse for a Song:

1. Press the **MENU** button and appearing in the display will be either "PLAYLIST, ARTIST, ALBUM GENRE, SONG or COMPOSER".

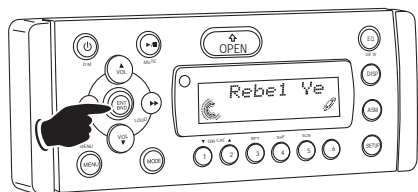


2. Press the **◀** or **▶** button to select the "SONG" menu.

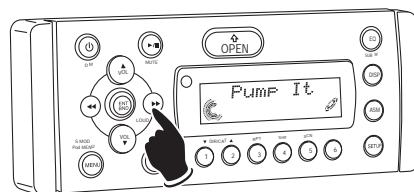


or

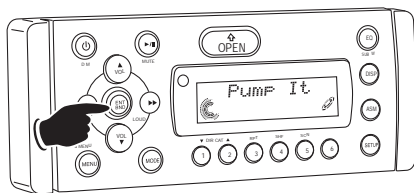
3. Press the **ENT BND** button to activate the "SONG" menu.



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.

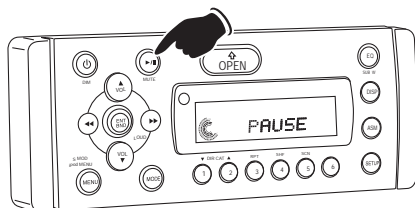


5. Press the **ENT BND** button to start playing the selected song.



### Pausing a Track:

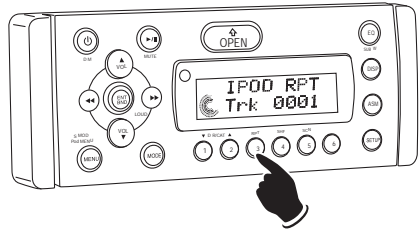
Press the **⏸** button to pause the track. Press it again to resume play.



## IPOD Operation (Continued)

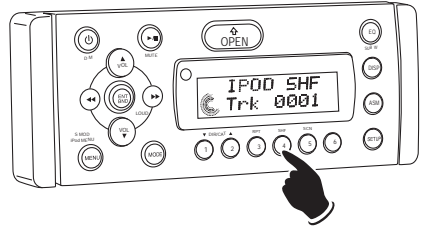
### Repeating a Track:

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.



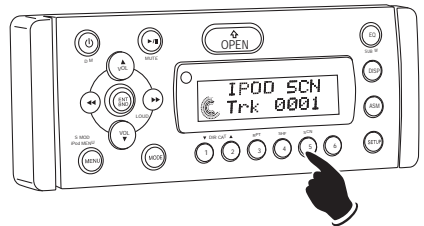
### Random Order Track Play:

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.



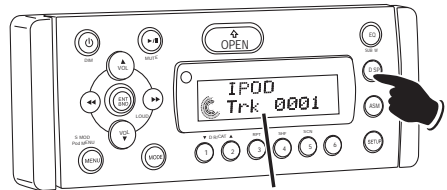
### Preview Tracks:

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: Elapse Time, Title, Artist, Album and Track.



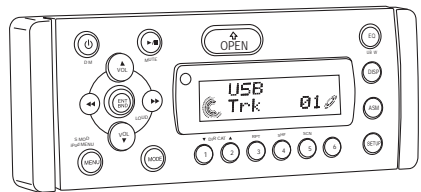
Display Modes

## USB Operation

### General Operations:

1. Press the **⏻** button to turn the unit On.
2. Connect a MP3 player to the USB cable coming from the WM1-DVD.
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-DVD will now control the MP3 player.



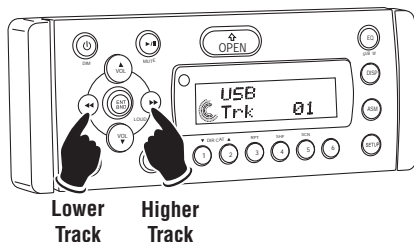
## USB Operation (Continued)

### Track Selection:

Press the ◀ button to select a lower track.

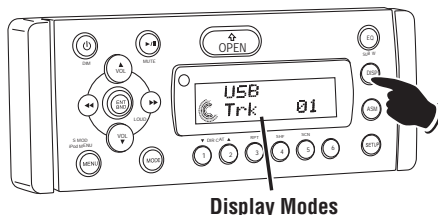
Press the ▶ button to select a higher track.

The track number will appear in the display.



### Display Selection:

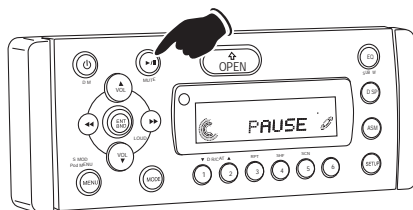
Press the DISP button to display the following MP3 disc information: track and elapse time.



Display Modes

### 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:

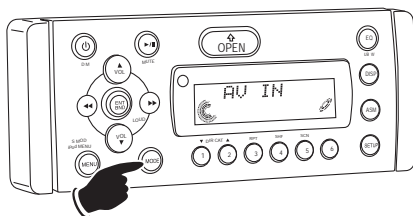
(See CD Operation for details)

## Auxiliary Audio/Video Input Operation

### Selecting an Audio/Video Play Source:

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



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

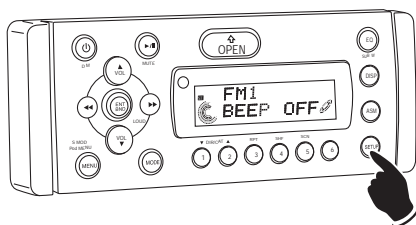


## Setup Features

### Button Beep On and Off Confirmation:



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

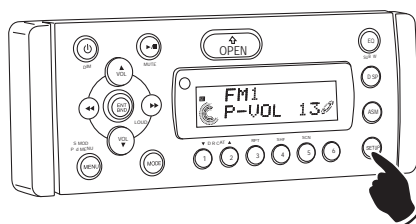
1. Press and hold the **SETUP** button approximately 10 seconds until “BEEP ON” appears in the display.
2. Press the  button for beep confirmation Off, and press the  button for beep confirmation On.
3. Wait 5 seconds, and the unit will return to the last display mode.



### 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.

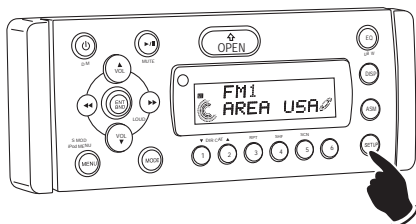
1. Press and hold the **SETUP** button approximately 10 seconds until “BEEP ON” appears in the display. Press the **SETUP** button two more times until “AREA USA” appears in the display.
2. Press the  or  button to adjust the area.

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

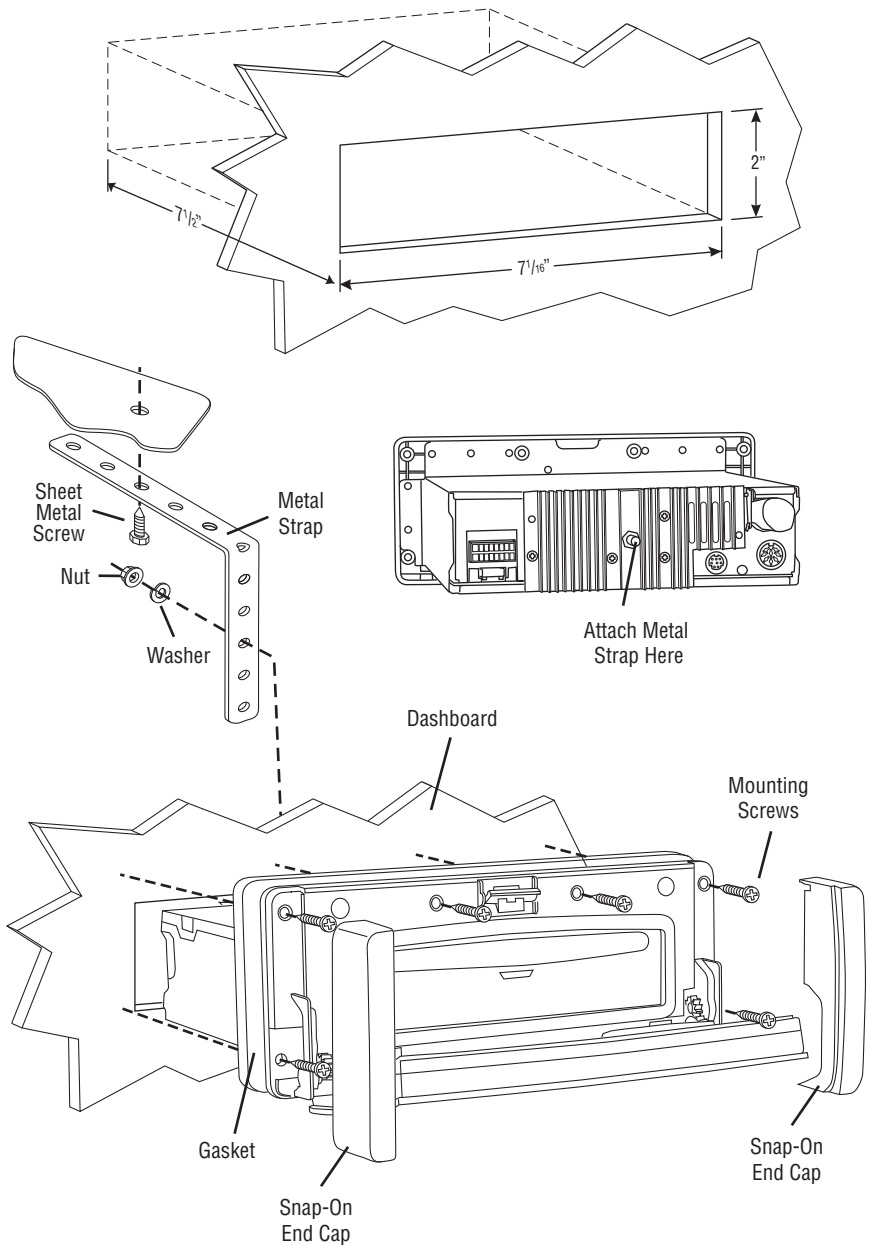
“AREA OCE” = Australia and New Zealand.

“AREA EUR” = Europe.

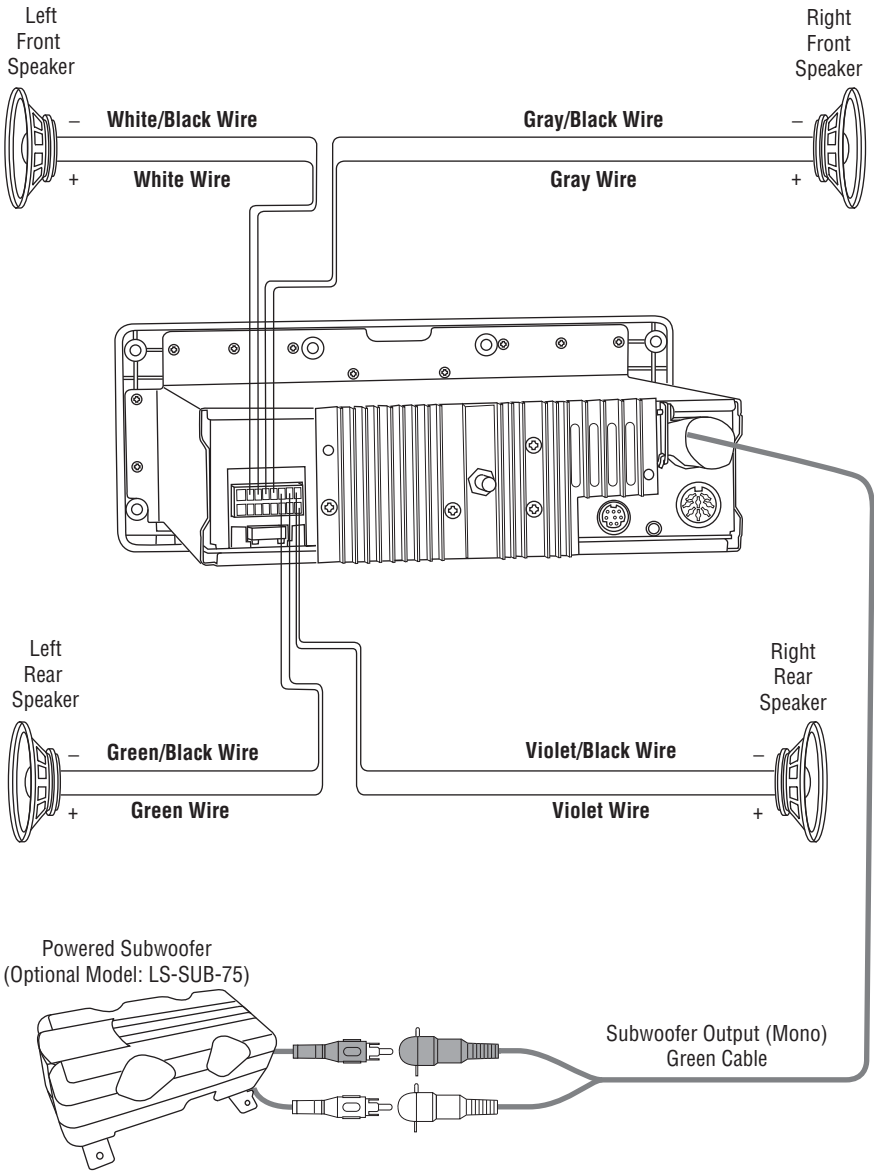
3. Wait 5 seconds and the unit will return to last display mode.



# Installation

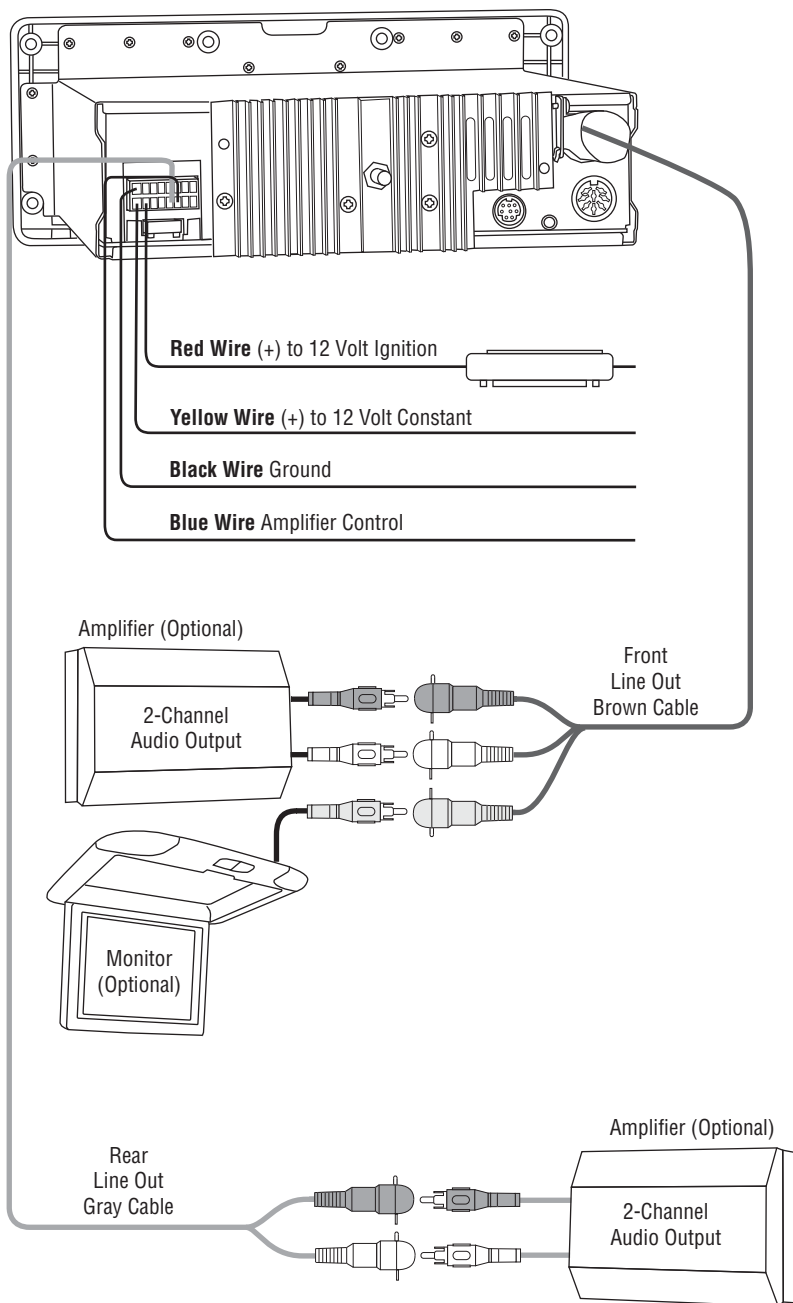


# Speaker Connections

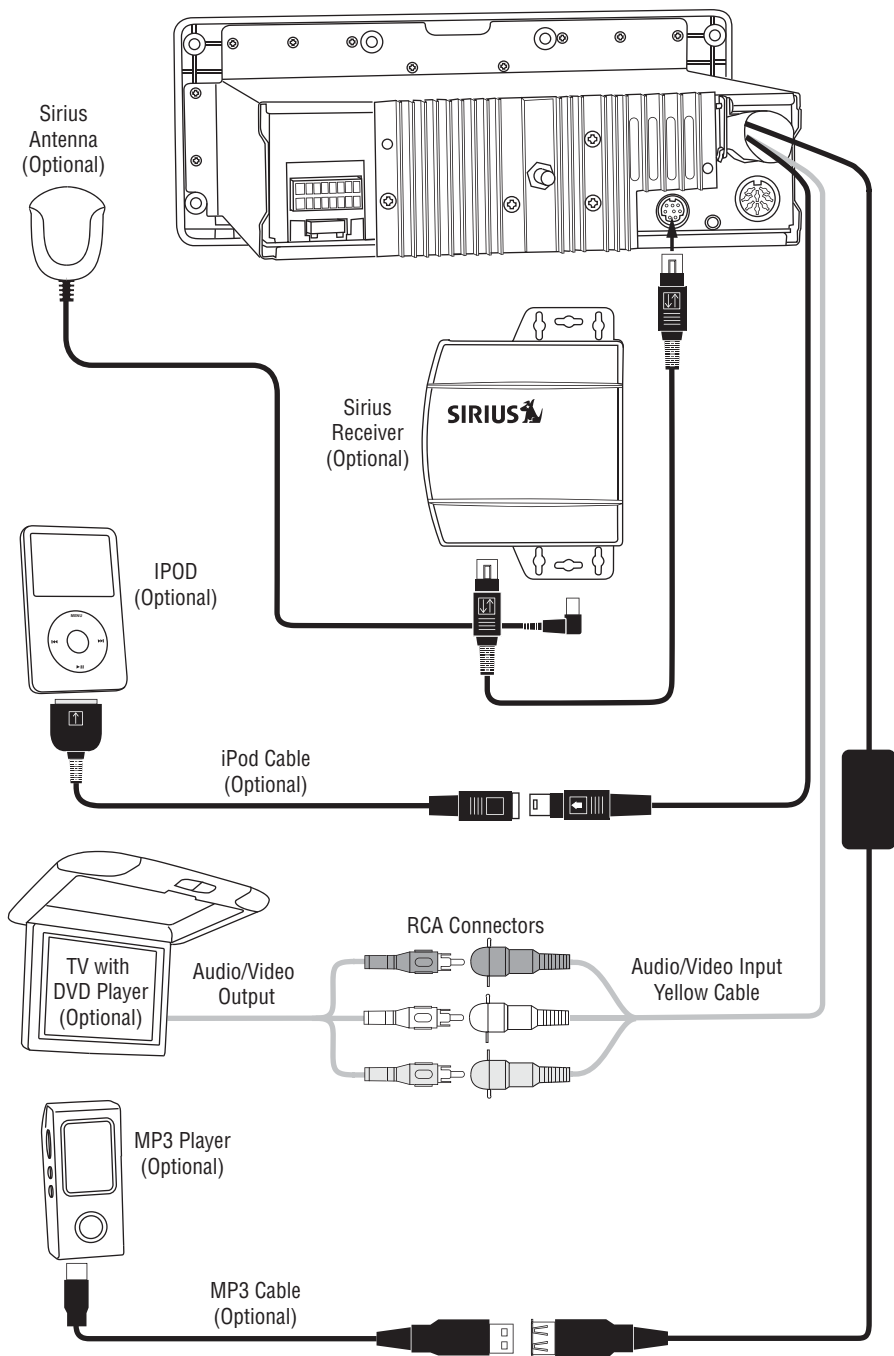


# Auxiliary Connections

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

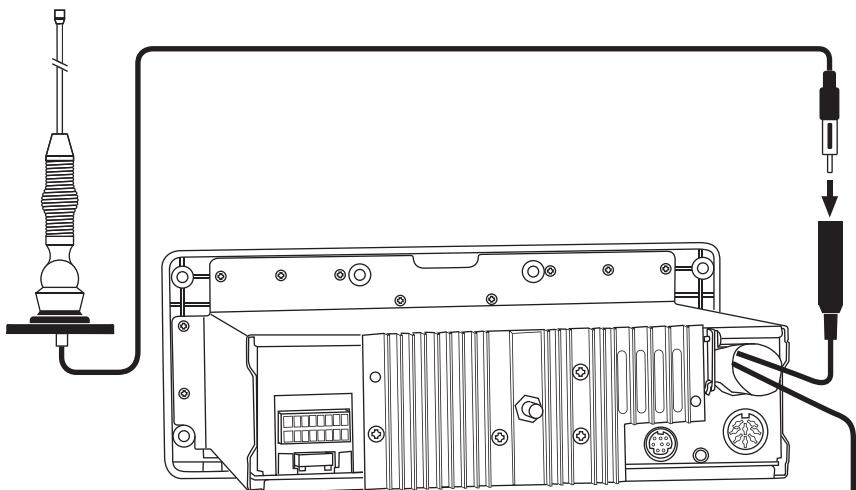


# Input Connections



# Input Connections

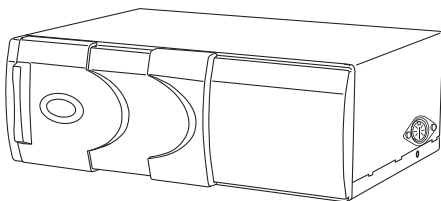
External Automotive  
Type Antenna  
(Optional)



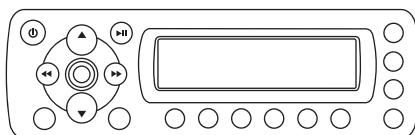
Infrared Remote Sensor  
(Optional)



CD Changer  
(Optional)

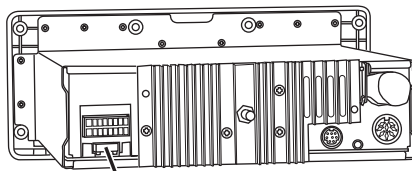


Wired Remote Controller  
(Optional Model: WRC-P1, WRC-S1, WRC-S2)



## 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  
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Elkhart, Indiana 46517  
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