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Precautions

Make certain that the receiver is installed in a location which does not interfere with the safe and proper operation of the boat/vehicle it's installed in.

About Installation

Installation of Marine audio components requires experience with a variety of mechanical and electrical procedures. Even though this Manual provides general installation and operation instructions for your new Marine audio Player, it does not show the exact methods which may be required for your particular installation.

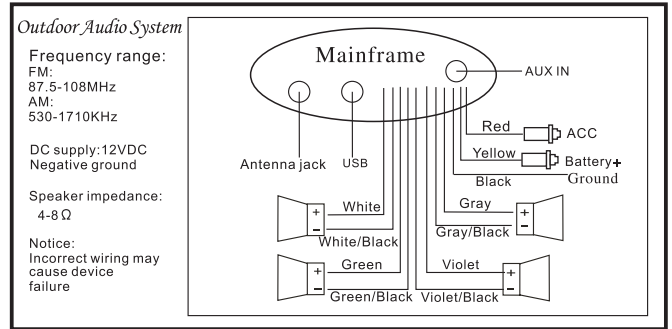
Care and Maintenance

Clean the player with a slightly damp, soft cloth using household glass cleaner. Do not use solvents such as benzene, thinner, or commercially available cleaners.

From time to time, inspect the connections on the rear of the unit for corrosion and correct as needed.

If any fuse should blow, make sure all connections are correct and no wires are damaged before replacing the fuse. Always use fuses that are the same amperage value as the original. When replacing a fuse, never let the battery side touch any metal part or any other wire.

Wiring Diagram



5. Specifications

AM/FM SECTION

1. Frequency Range FM: 87.5-108MHz
AM: 530-1710KHz
2. Intermediate Frequency 10.7MHz
3. Noise limit sensitivity < 5uV
4. Intermediate Frequency Rejection..... < 50dB

MP3 SECTION

1. S/N Ratio > 55dB
2. Frequency response 20-20KHz
3. A/D conversion filter..... 16BIT

Audio SPECS

- Power Output 40Wx4
 Power.....DC 12V (Battery)
 Load Impedance4-8 Ohms/channel

3. USB/MP3 operation

- 1.Mode:Press Mode to select USB/MP3
After inserting the USB with Mp3 format music to the USB port of this player,press mode to play music.
2. Play/pause: press **▶||** to pause, press once more to play.
- 3.Selecting track: During playback, press **▼▲** to select previous and next track respectively.

4.INSTALLATION AND WIRING

- 1.Before Starting
Read these instructions and the following precautions
Precautions
 This unit contains a negative ground and 12V power supply.
 Do not open the case. There are no user-serviceable parts inside. If you require assistance, consult your Marine Audio dealer or an authorized service center.
 Use a soft, dry cloth to gently clean the player after installation. Never use a rough cloth, thinner, benzene, alcohol, or other solvent. The screen surface can be scratched,so do not rub when cleaning
2. Installing the Unit

Selecting the Location

Location of the player varies
 Before you begin installation of the player, verify that you have sufficient clearance in the desired location. Note that 2.5 inches of mounting depth (behind the mounting surface) is required to avoid cable damage. A flat surface is required in order to ensure a watertight seal when installation is complete.

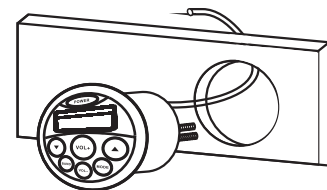
WARNING!

Before cutting any panel, ALWAYS ensure that there is sufficient clearance behind the panel, and that no wire harnesses, fuel lines, moving linkages, or any other critical components are exposed to damage by your choice of location. NEVER risk damage to the hull while cutting your opening.

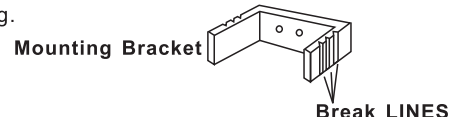
Prepare the place for installation by carefully removing interior trim panels as necessary. Route wire harnesses away from sharp edges, and ensure that no harnesses will be pinched or pierced during reassembly.

1:Determine the mounting location on a flat surface with sufficient rear clearance (3 ")and access. Ensure that the installation can be successfully completed before continuing!

2. The player requires a 3"(76.5mm) diameter round hole.
 Cut the hole and insert the player as shown.



3. The mounting bracket is scored with "break lines" to allow use with panels of different thickness. Determine if the bracket needs to be shortened, and remove the appropriate number of breakaway segments using a pair of pliers. Each segment is 1/4" long.



6. Troubleshooting

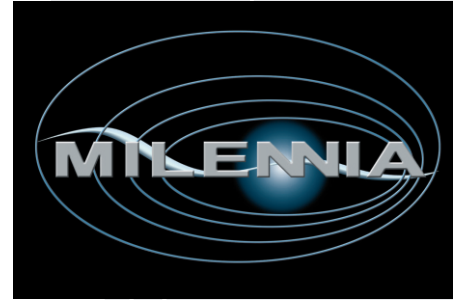
Problems	Cause	Solutions
Power can't be turned on, no display	1, The positive and negative of the power reversely connected. 2, Fuse is blown or the wire of power is loose	1, Correct the connection. 2, Check the power and the fuse. check the power; connect
No sound	1, No power or no voltage 2, Loudspeaker wire Broken.	1, Use multimeter to check the power, connect the power wire properly. 2, Connect the speaker wire properly.
Sound not clear	1. The antenna is not inserted firmly	Plug in the Antenna firmly, Extend the tail

Mp3 Files your PRV-15 will play
 USB/SD File Config : FAT16, FAT32
 MP3 format: MPEG1/2/2.5 Layer 2/3
 Sampling Frequency : MP3 : 8~48KHz
 Bit Rate (kbps) VBR : CBR : 32K~320kbps,
 VBR : 80~95kbps/150~240kbps
 Max. File number : 65535
 Max. Folder number : 65535
 Depth of Folder : 7
 Max. Memory SD/MMC : 32G
 Max. Memory USB : 32G
 The Unit will not play WMA files

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MILPRV-15

USER'S MANUAL

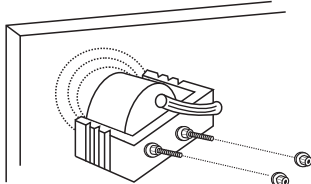


Watertight Outdoor Multimedia System

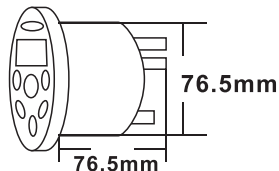
Waterproof Product

4. Insert the player into the opening. Make sure that the gasket behind the player face seats completely against the mounting surface.

5. Position the bracket onto the rear of the player, sliding the two threaded studs on the rear of the player through the two holes in the mounting bracket (as shown below). Tighten the 7mm hex nuts onto the bracket, again ensuring that the gasket seals tightly to the front of the mounting surface. Avoid pinching the cable.



Installation Size



Wiring Connections

Take the following precautions before wiring your system.
 If you are unsure of installation, please contact an authorized electrician.
 Disconnect the negative battery terminal before making any wiring connections.

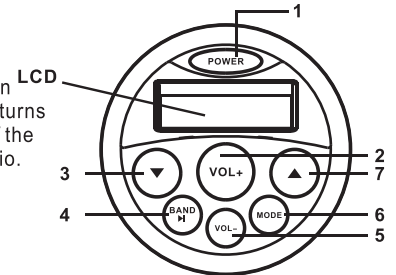
Be particularly careful where you route wires and cables. Keep them away from the engine, exhaust system, etc. Heat may damage wires. Sharp edges can pierce wire insulation and cable jacket, causing short circuits, damage to the craft, blown fuses, and system failure.

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Waterproof Product

1. Basic Operation

- POWER Button**
Pressing the power button for longer than 1.5 seconds turns the unit off. A quick press of the power button mutes the audio.
- VOLUME+ Button**
Press this button to increase the volume.
- ▼ Button**
Press this button to play previous track or previous AM/FM step. In AM/FM mode, press and hold this button to search previous strong signal station.
- BAND/▶| Button**
When in radio mode, this button changes to the next FM band (3 total) or AM band (2 total). When in mp3 mode, a button press results in pause.
- VOLUME- Button**
Press this button to decrease the volume.
- MODE Button**
Press MODE to switch between Radio, USB, and Auxiliary. Push and hold for two seconds to access Bass and Treble controls.
- ▲ Button**
Press this button to play next track or a next AM/FM step. In AM/FM mode, press and hold this button to search next strong signal station.
The USB has memory retention when the device is turned off meaning it will remember the last track that was playing.



2. Radio operation

- Mode:** Press Band to select AM/FM
- Manual/Automatic Tuning**
Press ▼▲ to seek station up/down step by step
Press and hold ▼▲ to automatically seek the next/previous strong signal station. (When signal is so weak, please don't use auto search)

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