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› Pyle Marine Bluetooth Stereo Radio - 12v Single DIN Style Boat In dash Radio Receiver System with Built-in Mic, Digital LCD, RCA, MP3, USB, SD, AM FM Radio - Remote Control - PLMRB29B (Black)

Pyle PLMRB29B

Pyle Marine Bluetooth Stereo Radio Instruction Manual

Model: PLMRB29B | Brand: Pyle

PRODUCT OVERVIEW

The Pyle Digital Marine Stereo Receiver System offers versatile media playback. It features built-in Bluetooth for wireless music streaming and a built-in microphone for hands-free calling. This single DIN unit includes AM/FM radio, USB and SD card readers, and a 3.5mm Aux input. Rear panel RCA connectors allow for external device connectivity. The LCD display shows ID3 tag information for song titles and artists. Control is available via front panel buttons or the included remote control.



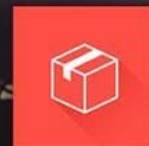
Front view of the Pyle Marine Bluetooth Stereo Radio, showcasing its digital LCD display and illuminated button controls.

WHAT'S IN THE BOX

Upon unboxing your Pyle Marine Bluetooth Stereo Radio, you should find the following components:

- Stereo Receiver
- Remote Control
- Power & Wiring Harness

What's In The BOX



2 Remote Control

1 Stereo Receiver



3 Mounting Accessories



Image showing the stereo receiver, remote control, and wiring harness included in the product packaging.

SETUP AND INSTALLATION

The PLMRB29B is designed for single DIN universal size standard installation. It features a plastic and metal hybrid body for durability. For optimal protection in marine environments, an optional splash guard (PLMRCB1 for black trim or PLMRCWB1 for white trim) can be used, which allows the unit to slide in and be protected from water and mud.

Wiring Connections

The unit comes with two main wiring harnesses: one for speaker connections and one for power. The speaker harness features standard color-coded wires (green, white, gray, purple pairs). The power harness includes four wires:

- **Red Wire:** Accessory wire, used to turn the unit on/off with the vehicle's ignition or accessory switch.
- **Blue Wire:** Remote wire, typically used as a trigger for external amplifiers or power antennas.

- **Black Wire:** Ground wire. This should be the first wire connected to the battery or vehicle frame to prevent common ground effects.
- **Yellow Wire:** Main positive power wire, providing constant power to maintain memory functions (radio presets, clock, EQ settings). It should be connected directly to the battery, preferably with an inline fuse for safety.

The unit also features RCA outputs (front left/right, rear left/right) for connecting external amplifiers, and a dedicated antenna input. If you do not have an existing antenna, a marine wire antenna (e.g., PLMRNT1) is recommended for wood or fiberglass installations. This type of antenna is not suitable for metal boats.

The unit has a built-in 10-amp fuse for protection, which is easily replaceable.

OPERATING INSTRUCTIONS

The Pyle Marine Bluetooth Stereo Radio offers intuitive controls for various functions.

Basic Controls

- **Power Button:** Located on the top left, press to turn the unit on or off.
- **Mode Button:** Tap the power button to cycle through input modes: Radio (AM/FM), Aux In, Bluetooth (BT), USB, and SD.
- **Volume Knob:** Digital control for adjusting audio volume.
- **Band Button:** Cycle through FM1, FM2, FM3, and AM radio bands.
- **AMS (Automatic Music Search):** For radio, this button initiates an automatic search for available stations.
- **Mute Button:** Quickly mutes the audio.

Audio Settings

Pressing the volume knob allows access to various audio settings:

- **Bass/Treble:** Adjust bass and treble levels.
- **Balance/Fader:** Adjust audio balance between left/right and front/rear speakers.
- **EQ (Equalizer):** Select from preset EQ modes like Flat, Pop, Rock, Class, or turn EQ off.
- **Loudness:** Toggle loudness enhancement on or off.
- **Local/Distance:** Adjust radio tuner sensitivity.
- **Stereo/Mono:** Switch between stereo and mono audio output.
- **Clock:** Access clock settings.

ILLUMINATED FRONT PANEL

BUTTON CONTROLS



The illuminated front panel of the stereo receiver, highlighting the digital display and button layout.

Bluetooth Connectivity

The unit features built-in Bluetooth 2.1 +EDR for wireless audio streaming with a wireless range of up to 40 feet. It includes a built-in microphone on the front panel for hands-free calling, allowing you to safely answer or reject incoming calls.

HANDS-FREE

calling conveniently reject
& answer incoming calls



MP3 digital audio file playback

Illustration of the hands-free calling feature, showing a smartphone screen with call options next to the stereo unit.

siri voice control



BUILT-IN BLUETOOTH Wireless Music Streaming

App Name: "Pyle"



Google Play



Download on the
App Store

*compatible with all your favorite devices

Visual representation of the built-in Bluetooth for wireless music streaming, compatible with various devices.

USB/SD Playback

The PLMRB29B supports MP3 digital audio file playback via its front-panel USB flash drive reader and SD memory card reader. The USB port provides 500mV, primarily for data transfer rather than fast charging.

MAINTENANCE

To ensure the longevity and optimal performance of your Pyle Marine Bluetooth Stereo Radio, follow these general maintenance guidelines:

- **Cleaning:** Regularly wipe the unit with a soft, dry cloth to remove dust and grime. Avoid using harsh chemicals or abrasive cleaners.

- **Environmental Protection:** Although the unit has an IPX1 water resistance rating, it is recommended to protect it from direct exposure to heavy rain or prolonged splashing. Use an optional splash guard for added protection in open marine environments.
- **Connection Checks:** Periodically inspect all wiring connections for corrosion or looseness, especially in a marine setting. Ensure the rubber stoppers for the Aux, USB, and SD ports are properly seated when not in use to prevent water ingress.
- **Temperature:** Avoid exposing the unit to extreme temperatures, both hot and cold, as this can affect its electronic components.

TROUBLESHOOTING

If you encounter issues with your Pyle Marine Bluetooth Stereo Radio, consider the following troubleshooting steps:

- **No Power:** Ensure all power connections (red accessory, yellow constant, black ground) are securely connected. Verify the 10-amp fuse is intact. If the unit is not receiving power from the accessory wire, it will not turn on.
- **No Sound:** Check speaker wiring connections. Ensure the volume is not at zero or muted. Verify balance and fader settings.
- **Bluetooth Pairing Issues:** Ensure Bluetooth is enabled on your device and the stereo is in Bluetooth mode. Try resetting the stereo unit using the small reset button (often requires a pin or needle to press).
- **Radio Reception Poor:** Check the antenna connection. Ensure the antenna is properly installed and positioned. Adjust local/distance settings.
- **Unit Resets Settings:** If the unit loses presets or clock time when powered off, ensure the yellow constant power wire is correctly connected to a continuous 12V source.

For more detailed troubleshooting or complex issues, please refer to the comprehensive User Manual (PDF) provided with your product.

SPECIFICATIONS

Feature	Specification
Product Dimensions	8.5 x 3.5 x 7.5 inches
Item Weight	14.9 ounces
Item Model Number	PLMRB29B
Wireless Communication Technologies	Bluetooth, IR
Connectivity Technologies	Bluetooth
Special Features	Pandora, Equalizer, Spotify
Color	Black
MAX. Power	300 Watt (75W x 4)

Water Resistance Technology	IPX1
Power	DC 12V
Max. USB/SD Memory Support	32GB

WARRANTY & SUPPORT

Your Pyle Marine Bluetooth Stereo Radio comes with a warranty card included in the packaging. Please refer to this card for specific warranty terms and conditions.

For detailed information regarding product usage, installation, and troubleshooting, please consult the official User Manual:

[Download User Manual \(PDF\)](#)

Proposition 65 Warning: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

[Submit question](#)

