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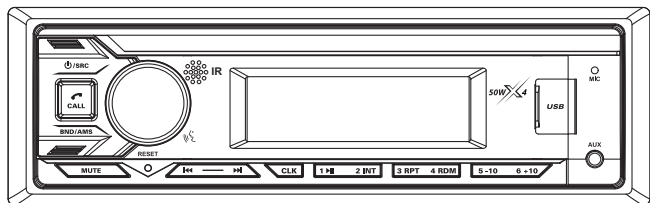
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USER GUIDE

Marine Grade In-Dash AM/FM Receiver
with MP3 Playback & USB/AUX Inputs



ENG



Receiver Models
PLMRB29B2-PLMRB29W2

Get Into It!

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PRECAUTIONS

Precautions & Warnings

- To reduce the risk of fire, electric shock and interference, never attempt to repair this unit yourself. Refer all service to an authorized service centre.
- Some MP3/WMA files may not be playable.
- Keep the volume at a reasonable level to avoid distracted driving. High volume levels may make it difficult to concentrate on traffic and road conditions while driving.
- If the ship/car has been in direct sunlight for an extended period, you may need to reduce the temperature inside the ship/car before turning on and using the unit.
- If the battery is disconnected, discharged or changed, the preset memory of the unit will be lost and will require re-programming.
- The unit is designed to be installed in a level, horizontal position. For optimal performance, avoid installing the unit at an angle.
- Never use excessive force when removing or attaching the faceplate.
- Handle the display and the buttons gently so as to avoid damage.

Lithium Battery Cell Warnings

- Cell leakage may cause damage to the remote control
- Do not throw cells into fire as this may cause an explosion.
- Keep battery cells out of reach of children.

Drives and connections

Never place foreign objects into the openings of the ship/car receiver (USB jack, AUX IN connector) as this will damage the jack and the connections.

Others Warnings

Do not play the ship/car receiver for long periods of time when the motor is switched off as this will cause the ship/car battery to discharge and the vehicle may not start.

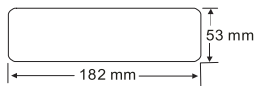
INSTALLATION

Installation Procedures

First complete the electrical connections and then check that all connections are correct.

Installation Opening

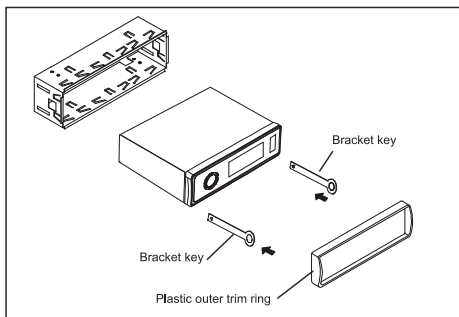
This unit can be installed in any dashboard that has an opening as illustrated as below figure.



To Install the Ship/Car Receiver

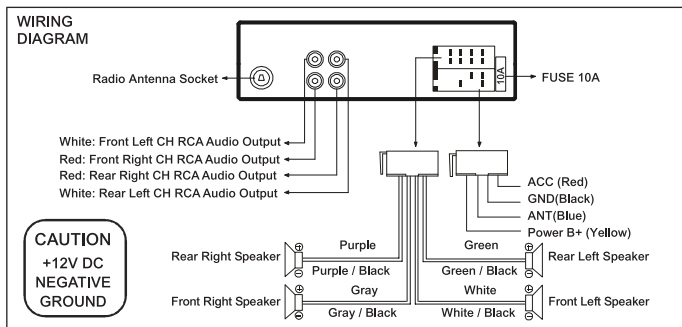
Be sure to first test all connections and then follow these steps to install this unit.

1. Make sure the ignition is turned off and then disconnect the cable from the vehicle battery's negative (-) terminal.
2. Disconnect the wire harness and the antenna.
3. Lift the left or right top corner of the plastic outer trim ring then pull it out to remove it.
4. Insert the two bracket keys into the left and right side of the chassis, as shown as below figure to separate the chassis from the housing.



5. Insert the mounting sleeve into the dashboard and bend the mounting tabs out with a screwdriver. Make sure that the lock lever is flush with the mounting sleeve and that it does not project beyond it.
6. Insert this receiver into the mounting sleeve.
7. Connect wires as illustrated in the "Wiring Diagram."
8. Install the plastic outer trim ring.

Wiring Connections

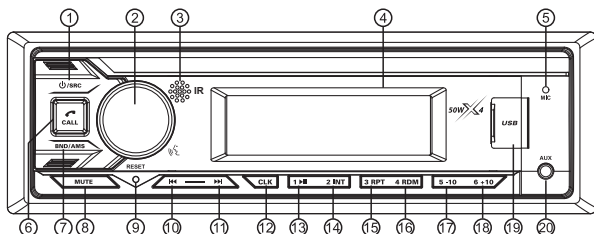


- Only use speakers with 4 ohms impedance.
- The maximum current of the auto antenna is 200mA.

Removal of the Main Unit

1. Remove the plastic trim from the main unit.
2. Insert a bracket key into the left and the right sides of the main unit and draw the unit out of the mounting sleeve.

CONTROL PANEL BUTTON LOCATIONS



1. ⏻ (power On/Off) / SRC (source) button
2. VOL (volume) knob, 🗣️ (Push-To-Talk) button and SEL (select/menu) button
3. IR remote sensor
4. LCD Display
5. Hands-free Microphone
6. 📞 CALL (Answer Call / End Call) button
7. BAND/AMS (automatic store, automatic music search) button
8. MUTE button
9. RESET button
10. ⏮️ (tune/seek down, previous track, fast reverse) button
11. ⏭️ (tune/seek up, next track, fast forward) button
12. CLK (clock setting) button
13. ⏸️ (pause/play), Preset station 1 button
14. INT (intro), Preset station 2 button
15. RPT (repeat), Preset station 3 button
16. RDM (random), Preset station 4 button
17. -10 (previous 10 tracks), previous folder, Preset station 5 button
18. +10 (next 10 tracks), next folder, Preset station 6 button
19. USB Port
20. AUX IN (aux audio input) jack

GENERAL OPERATION

Turn Unit On/Off

- Press the power () / **SRC** button on the front panel to turn on the unit, and long press it again to turn off the unit.
- Press the power () button on the remote control to turn the unit on or off.

Adjust Volume (VOL)

Rotate the **VOL** knob on the front panel or press the **VOL+ ▲/VOL- ▼** button on the remote control to increase or decrease the volume level.

Push-To-Talk

Press the  button (**VOL** knob) to access to smartphones voice assistant capability via Bluetooth.

Adjust Menu Options (SEL)

- Press and hold the **VOL** knob or the **SEL** button on the remote control to access the audio / function, then press the **VOL** knob or the **SEL** button repeatedly to cycle through the following audio / function:

- BASS:-7, -6, ~, 1, 0, +1, ~, +6, +7

- TREBLE:-7, -6, ~, 1, 0, +1, ~, +6, +7

Note: BASS and TREBLE settings are only enabled when EQ setting is turned OFF.

- BALANCE:L7, L6, ~, L1, 0, R1, ~, R6, R7

- FADER:R7, R6, ~, R1, 0, F1, ~, F6, F7

- EQ(Equalizer) Setting: OFF, FLAT, CLASS, POP, ROCK, JAZZ

- Loudness: LOUD ON/OFF

- Stereo/Mono: Switches between MONO and STEREO reception mode for radio frequencies.

- DX/LOCAL: Enables or disables the local broadcast mode (LOCAL).

- CLOCK 12/24: Select between 12 hours and 24 hours display.

Note: If 12 hour display is selected , AM= Morning; PM= Afternoon

-AREA AUST/EUR/USA: This receiver is equipped the Australia, Europe and USA frequency.

Rotate the volume knob to switch between the Australia, Europe and USA frequency.

The system will change the frequency setting in about 3 seconds.

- 7 color-changing illumination in buttons:

This car radio device is equipped 7 color-changing illumination in buttons.

The illumination color can be preset Auto(color automatically change one by one), Blue, Red, Cyan, Green, Purple, Yellow, White.

- Rotate the **VOL** knob on the front panel or press the **VOL+ ▲/VOL- ▼** button on the remote control to adjust the selected item.

Set the Clock (CLK)

1. To display clock time, press the **CLK** button.
2. To set clock time, press and hold the **CLK** button and the hour will flash.
3. Rotate the **VOL** knob to adjust the hour.
4. Press the **CLK** button and the minutes will flash.
5. Rotate the **VOL** knob to adjust the minute.

Change the Source (SRC)

Press the **SRC** button to switch between RADIO, USB(with USB device inserted), AUX-IN(auxiliary input) and BT(Bluetooth).

Mute on/off

In power on mode, briefly press the **MUTE** button to toggle mute on or off. The muted state will be also released when the volume knob is used.

Loudness on/off

Press the **LOUD** button on the remote control to turn on the loudness to reinforce the output of bass frequencies, press again to turn it off.

Preset Equalizer(EQ)

Press the **EQ** button on the remote control to toggle between EQ OFF, FLAT, CLASS, POP, ROCK, JAZZ.

USB port

Connect to a USB storage device for audio play, or charging of a mobile phone.

Built-in Microphone

To receive your voice when you calling by using this Bluetooth hands-free system.

Aux input connector

The 3.5mm auxiliary input stereo connection is designed for devices with 3.5mm line-out or headphone output.

Reset System (RESET)

The RESET button is used to reset all parameters to factory default settings.

This function may be used when the LCD does not display normally or sound is distorted, or when any of the controls are disabled. Use a thin object with a pointed end to depress the RESET button.

RADIO OPERATION

Switch Between USA area and Europe area Frequency

In radio mode, press the **VOL/SEL** button to enter the setting menu. Then press the **VOL/SEL** button repeatedly to access the state of Australia, Europe and USA frequency.

Rotate the volume knob to switch between the Australia, Europe and USA frequency.

The system will change the frequency setting in about 3 seconds:

Change Bands (BAND)

Press the **BAND** button to switch between the FM1, FM2, FM3, AM1 and AM2 bands.

Each band stores up to six preset stations.

Manual Tuning (►► / ◄◄)

Press and hold the ►► or ◄◄ button on the front panel or on the remote control to enter manual tuning mode. In manual tuning mode, press the ►► or ◄◄ button to move the radio frequency number up or down one step.

Auto Seek Tuning (►► / ◄◄)

In standby mode or while not in manual tuning mode, quickly press the ►► or ◄◄ button to move to the next/previous available station automatically.

To Store / Recall Preset Stations

The radio can store 6 preset stations for each band (FM1, FM2, FM3, AM1 and AM2) for a total of 30 preset stations.

- To memorize a station:

- Turn the radio on and select the desired band and station.
- Select a station by ►► or ◄◄ button.
- Press and hold the desired preset button (numbered 1-6 on the face of the radio) for more than 2 seconds to save the station to that preset number.

- To recall a preset station:

- Select the desired band.
- Briefly press a preset button (numbered 1-6) to recall the corresponding preset station.

Automatic Store station/ Preset station scan (AMS)

Press and hold the **AMS** button for more than 2 seconds to select six strong stations and store them in the current band. The radio will automatically scan the current frequency and enter the six strongest stations into the preset memory positions for that band.

Briefly press the **AMS** button on the front panel or on the remote control to recall each preset station that saved in the memories in each band.

LOCAL/DX

In urban areas, most stations are strong enough and "LOCAL ON" mode should be selected.

Switch to LOCAL OFF mode to search for stations with weaker signals.

Press the **LOC** button on the remote control to choose local or distant reception mode.

STEREO/MONO

FM station is received in stereo mode. However, if the signal is weak or reception is not as good as you would like, switching to MONO mode usually improves the overall sound quality.

Press the **ST** button on the remote control to choose FM STEREO or MONO audio effect.

USB OPERATION

To insert USB

- To play files on a USB device, open the USB port cover and insert the USB storage device into the USB port. Playback will begin automatically.

Play/Pause

Press the **▶||** (play/pause) button to pause or resume playback.

Next/Previous Track

To play the next track, press the **▶▶** button. To play the previous track, press the **◀◀** button.

Fast Forward/Backward

To fast forward, press and hold the **▶▶** button. To fast backward, press and hold the **◀◀** button.

Introduction Scan

Press the **INT** button to play the first 10 seconds of each track, press again to stop the introduction scan, and play the current track.

Repeat The Same Track

Press the **RPT** button to toggle between RPT ALL (Play all track), RPT FLR (Continuously repeat all tracks in current folder) and RPT ONE (Continuously repeat current track).

Playing all tracks in random

Press the **RDM** button to play all tracks in random order, press again to cancel this function.

Track/Folder Navigation

- In USB mode, press the **5/-10** button to go backward 10 tracks.
Press the **6/+10** button to jump forward 10 tracks.
- In USB mode press and hold the **5/-10** button to go back the previous folder.
Press and hold the **6/+10** button to go to the next folder.
Repeat this function depending on the number and level of folders.
- These buttons have no this function if the USB device has no folders.

Select the track or file for playback in MP3 format

- a) Press and hold the **AMS** button to enter track search mode.
- b) Rotate the volume knob to select the number of your favorite track with high speed.
- c) When the desired track number appears, confirm your selection by pressing the **SEL** knob.

AUX AUDIO INPUT OPERATION

This receiver is equipped with an external auxiliary input jack (3.5mm) on the front panel which is compatible with audio output from an MP3 music player.

Plug such a player into the AUX IN jack with a 3.5mm stereo audio cable and press the **SRC** button to switch to AUX input mode. "AUX IN" appears in the display. Listen to music from an external device through the speaker.

Note:

Adjust the volume of the external device to a comfortable level with the receiver volume control.

BLUETOOTH OPERATION

Pair and Connect

Prior to using the Bluetooth device as a hands-free system for a Bluetooth-enabled mobile phone for the first time, you must pair and connect the two devices as follows:

1. In any mode, prior to pairing and connecting, the BT logo in the LCD indicating that no device is connected. To begin pairing, enable BT mode on your mobile phone.
2. When the phone finds this ship/car audio system, the "PYLE" name will be displayed.
3. Choose the "PYLE" from the device list to pair and connect with this ship/car audio system.

Upon confirming, the BT logo will stop flashing.

4. When pairing is complete, the mobile phone audio will automatically transfer to the ship/car audio system whenever a call is made or received, or when the mobile phone plays music.

Make a Call

- To make a call, dial the call directly from the paired mobile phone.
- To make a call with this bluetooth hands free system:
 - a) When linking up the Bluetooth-enabled mobile phone to this bluetooth hands-free system, press the button to access the dial telephone number mode, then press the "0~9", * and # button on remote control to input the telephone number, and the entered number will be shown on the LCD display.
 - b) If a number has been incorrectly inputted, press the **DEL** button or  button to delete it.
 - c) Press the  button to make outgoing call.

Redial Last Dialed Number

Press the  button on the control panel to redial the last dialed phone number.

Answer a Call

- When the mobile phone is called, the incoming telephone number displays on the LCD.
- To receive the call, press the  button on the control panel.

Reject a Call

To reject the call, press the  button on the control panel.

End a Call

To end an active call, press the  button.

Switch Audio Between Bluetooth hands-free system and Mobile Phone

During a call, press the **VOL** knob/button to switch the audio source from this Bluetooth hands-free audio system back to your mobile phone.

Audio Streaming (A2DP)

1. Press the  / **SRC** button to enter BT mode and "BT AUDIO" will shown on the LCD display.
2. When a mobile device is paired, music played through that device will automatically be heard through this Bluetooth hands-free audio system.
3. Press the  or  button to play the next or previous song on the mobile phone.
4. Press the  button to pause or resume music playback.

Push-To-Talk

This Push-To-Talk feature allows direct access to Android and IOS smartphones voice assistant capability when user establish the bluetooth connection between user's smartphone and this receiver. Simply connect directly from this receiver via Bluetooth with  button (**VOL** knob).

Note:

- Before using the Push-To-Talk, user must enable the mobile data on user's smartphone.
- To use the navigation feature, switch to the BT Audio source to hear voice commands over your vehicles speakers.

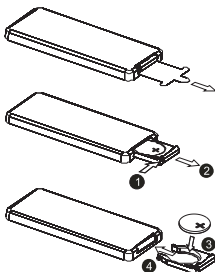
REMOTE CONTROL

Remove Insulating Sheet

The remote control comes with an insulating sheet attached to the underside of the remote control, as illustrated on the right. The remote control will not work until the insulating sheet is removed.

Replace Lithium Battery Cell

1. When the lithium cell battery becomes weak, replace it as illustrated on the right.
2. Press and hold the movable block in the direction indicated by arrow 1. At the same time, pull the cell holder out of the remote control in the direction indicated by arrow 2.
3. Replace the old cell with a new one, making sure the (+) polarity is facing upward.
4. Re-insert the cell holder into the remote control.



- Cell leakage may cause damage to the remote control.
- Do not throw cells into as this may cause an explosion.
- Keep battery cells out of reach of children.

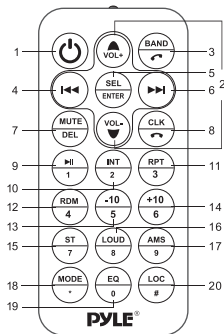
Remote Control Operation

Position the emitting window of the remote control toward the sensor window of the unit.

- The operation angle for front panel remote control reception is about 30 degrees.
- The distance between the emitting window of the remote control and the sensor window of the unit should remain less 5 meters.

Button Names and Locations

1. (Power on/off) button
2. VOL+/VOL-(volume increase/decrease) button
3. Band button, (answer call) button
4. button: Tune down, seek down; Previous track, fast reverse
5. SEL(selection) button
6. button: Tune up, seek up; Next Track, fast forward
7. Mute button, DEL(Delete) button
8. CLK(clock setting) button, (end call) button
9. button, preset station 1 button, keypad 1
10. INT(intro) button, preset station 2 button, keypad 2
11. RPT(repeat) button, preset station 3 button, keypad 3
12. RDM (random), preset station 4 button, keypad 4
13. -10(previous 10 tracks), preset station 5 button, keypad 5
14. +10(next 10 tracks), preset station 6 button, keypad 6
15. ST (stereo) button, keypad 7
16. LOUD(loudness) button, keypad 8
17. AMS (automatic music search) button, keypad 9
18. MODE button, keypad *
19. EQ(Equalizer) button, keypad 0
20. LOC (local)/DX button, keypad #



Note: When using the remote control for the first time, you must pull out the protective plastic tab from the battery compartment found on the back of the remote control.

SPECIFICATIONS

General

Chassis Dimensions.....	178(W) x 108(D) x 50(H) mm
Power Supply Requirement	DC 12V
Current Consumption	10A (max.)
Maximum Power Output	50W x 4CH

Radio

FM

USA/ Europe Frequency Range.....	87.5 - 107.9 MHz (200KHz/Step, US)
	87.5 - 108.0 MHz (50KHz/Step, EU)
	87.5 - 108.0 MHz (100KHz/Step, AU)
Usable Sensitivity	30 dBu
I.F. Frequency	10.7 MHz

AM

USA/ Europe Frequency Range.....	530 - 1710KHz (10KHz/Step, US)
	522 - 1620 KHz (9KHz/Step, EU)
	531 - 1602 KHz (9KHz/Step, AU)
Usable Sensitivity	20 dBu
I.F. Frequency	450 KHz

USB

Usable Audio Formats	MP3/WMA
USB Type.....	2.0
Pre-amp Output	Front and Rear
Frequency Response	20 Hz - 20 KHz
S/N Ratio	60dB

BT

BT Profile supports	A2DP, AVRCP, HSP, HFP
Range of frequency	2.4GHz

TROUBLESHOOTING

If you suspect something is wrong, immediately switch power off. Do not use the unit in abnormal condition, for example without sound, or with smoke or foul smell, can cause fire or electric shock. Immediately stop using it and call the store where you purchased it. Never try to repair the unit by yourself because it is dangerous to do so.

■ General

- 1) Ship's/Car's engine switch is not on.
 - Turn your Ship's/car's key to ACC or ON.
- 2) Cable is not correctly connected.
 - Check the connection.
- 3) Fuse is burnt.
 - Replace fuse.
- 4) Volume is in mute or minimum.
 - Check volume or mute on/off, adjust volume to a desired level.
- 5) Sound skips.
 - The installation angle is more than 30°. Adjust the installation angle less than 30°.
- 6) The operation keys do not work.
 - The built-in micro-computer is not operating properly due to noise. Press the RESET button to restore the program to zero.

■ Radio

- 1) Much noise in broadcasts.
 - Station or signal is too weak. Select other stations of stronger signal level.
- 2) The antenna cable is not connected.
 - Insert the antenna cable firmly into the antenna socket of this receiver.
- 3) Preset station is reset.
 - Battery cable is not correctly connected. Connect the battery cable to the terminal that is always live.

■ USB

- USB is connecting but no sound
- USB connection is not good. Take it out and insert again.
 - USB is damaged or no music file inside. Change to another USB, or record music inside it.

Register Product

Thank you for choosing PyleUSA. By registering your product, you ensure that you receive the full benefits of our exclusive warranty and personalized customer support. Complete the form to access expert support and to keep your PyleUSA purchase in perfect condition.

Start Here



Model Number
PLMRB29W2
PLMRB29B2
pyleusa.com/pages/register

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

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction

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Get Into It!



Questions? Comments?
We are here to help!
Phone: (1) 718-535-1800
PyleUSA.com/ContactUs

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