

Pyle PLMRKT46BK Marine Headunit Receiver Speaker USER'S MANUAL

Home » Pyle » Pyle PLMRKT46BK Marine Headunit Receiver Speaker USER'S MANUAL

Contents

- 1 Pyle PLMRKT46BK Marine Headunit Receiver Speaker
- **2 PRECAUTIONS**
- 3 INSTALLATION
- **4 Wiring Connections**
- **5 CONTROL PANEL BUTTONS**
- **6 GENERAL OPERATION**
- **7 RADIO OPERATION**
- **8 USB / SD CARD OPERATION**
- 9 BLUETOOTH OPERATION
 - 9.1 Make a Call
- **10 REMOTE CONTROL**
- 11 SPECIFICATIONS
- **12 TROUBLESHOOTING**
- 13 FREQUENTLY ASKED QUESTIONS



Pyle PLMRKT46BK Marine Headunit Receiver Speaker



PRECAUTIONS

Precautions & Warnings

- To reduce the risk of fire, electric shock, and interference, never attempt to repair this unit yourself. Refer all services to an authorized service center.
- 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 it 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, card slot, AUX-IN connection) as this will damage the slots 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.

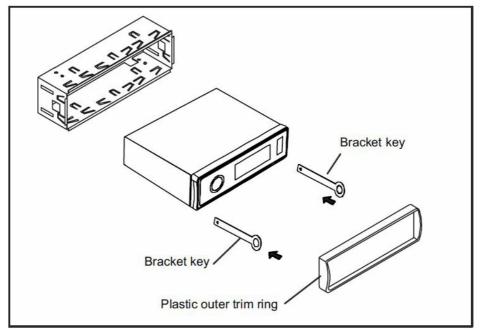
Installation Opening

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



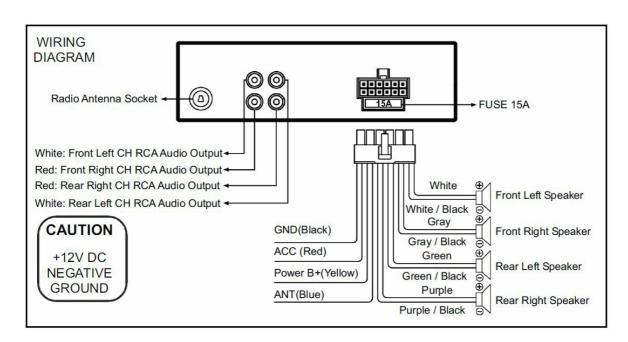
Be sure to first test all connections and then follow these steps to install this unit.

- 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 the 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

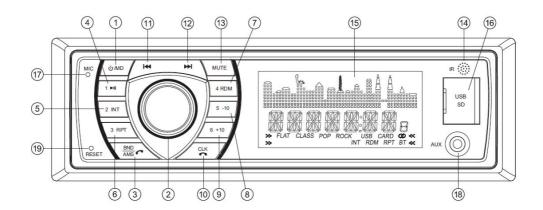


- · Only use speakers with 4 ohms impedance.
- The maximum current of the auto antenna is 200mA.

Removal of the Main Unit

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

CONTROL PANEL BUTTONS



- 1. U_{(power)/MODE} (source) button
- 2. SEL (select/menu) button and VOL (volume) knob
- 3. T button, BAND(band) button AMS (automatic store / preset station scan, automatic music search) button
- 4. pause/play), Preset station 1 button
- 5. INT (intro), Preset station 2 button
- 6. RPT (repeat), Preset station 3 button
- 7. RDM (random), Preset station 4 button
- 8. -10(previous 10 tracks), Preset station 5 button
- 9. +10(next 10 tracks), Preset station 6 button
- 10. CLK (clock setting) button, nbutton
- 11. kt (tune down, seek down, previous track, fast reverse) button
- 12. (tune-up, seek-up, next track, fast forward)button
- 13. MUTE button
- 14. IR remote control sensor
- 15. LCD Display
- 16. USB port & Micro SD Card Slot
- 17. MIC hole(built-in Microphone)
- 18. AUX IN (auxiliary input) jack
- 19. RESET button

GENERAL OPERATION

- Press the power (U) /MODE button on the front panel to turn on the unit, and long press it again to turn off the unit.
- Press the power (U) 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+ A /VOL- button on the remote control to increase or decrease the volume level.

Adjust Menu Options (SEL)

- Press the SEL button on the front panel or on the remote control repeatedly to cycle through the following adjustable audio functions: BASS, TREBLE, BALANCE, FADER, EQ OFF/ CLASS/ ROCK/POP/FLAT/, LOUD ON/OFF, DX/LOC, STEREO/MONO, CLOCK 12/24 and AREA US/EU.
- Rotate the VOL knob on the front panel or press the VOL+ VOL- button on the remote control to
 adjust the selected item.
 - BASS:-07,-06, ~, -01,00,+01,~, +06,+07
 - **TREBLE:-**07,-06, ~, -01,00,+01,~, +06,+07
 - BALANCE:L07,L06,~, L01, 00, R01,~,R06,R07
 - **FADER:**R07,R06~,R01,00,F01,~,F06,F07
 - EQ(Equalizer) Setting: OFF, FLAT, POP, ROCK, CLASS
 - Loudness: LOUD ON/OFF
 - DX/LOCAL: Enables or disables the local broadcast mode (LOCAL).
 - Stereo/Mono: Switches between MONO and STEREO reception mode for radio frequencies.
 - CLOCK 12/24: Select between 12 hours and 24 hours display.

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

- AREA US/EU: This receiver is equipped with the USA / Europe frequency. Rotate the volume knob to switch between USA and Europe frequencies. The system will change the frequency setting in about 3 seconds.
- 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 the clock time, press and hold the CLK button and the hour will flash.
- 3. Press the button on the front panel or on the remote control to adjust the hour.
- 4. Press the CLK button and the minutes will flash.
- 5. Press the button on the front panel or on the remote control to adjust the minute.

• Change the Source (MODE)

Press the MODE button to switch between RADIO, BT(Bluetooth), USB(with USB device inserted), CARD(with

SD card inserted), and AUX-IN(auxiliary input) modes.

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, and press again to turn it off.

Preset Equalizer(EQ)

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

· USB port, Micro SD Card Slot

The USB port and Micro SD card slot of this receiver are designed for media playback from flash memory devices and micro SD.

• Built-in Microphone

To receive your voice when you call 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 the 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 and hold the VOL/SEL button to enter the switch state of the US(USA) and EU (Europe) frequencies, then rotate it to switch between US(USA) and EU(Europe) frequencies. 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 button to move the radio frequency number up or down one step.

Auto Seek Tuning (► / I

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

To Store / Recall Preset Stations

The radio can be stored in 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 bor 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 remote control to recall each preset station that is saved in the memories in each band.

LOCAL/DX

In urban areas, most stations are strong enough, and the "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 / SD CARD OPERATION

To insert USB / SD CARD

- 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.
- Insert a micro SD card into the micro SD slot. Playback will begin automatically.

• Eject USB/SD

- To eject a USB device, press the button to stop playback, then remove the USB device.
- To eject an SD card, press the button to stop playback, puss the SD card in the slot, then remove the micro SD card from the micro SD card slot.

• 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 repeat the current track. Press again to stop repeat playback and resume normal playback.

· Playing all tracks in random

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

• Track/Folder Navigation

- In USB or SD card mode, press the 5/-10 button to go backward 10 tracks. Press the 6/+10 button to jump forward 10 tracks.
- In MP3, USB, or SD card mode, press and hold the 5/-10 button to go back to 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 function if the USB device or SD card has no folders.

Select the track or file for playback in MP3 format

Press and hold the AMS button to direct select a music file. The "TRK0000" will appear on the display. Turn the volume control to select the "first number". Then press the button to move the "first number" to the left and enter the next number. When the desired track number appears, confirm your selection by pressing the SEL button.

AUXILIARY 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 MODE button to switch to AUX input mode. "AUX IN" appears on 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 on the LCD indicates 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.
- 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:
 - 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 buttons on the remote control to input the telephone number, and the entered number will be shown on the LCD display.
 - If a number has been incorrectly inputted, press the DEL button or button to delete it.
 - Press the button to make outgoing calls.

Redial Last Dialed Number

Press and hold the putton on the control panel to redial the last dialed phone number.

Answer a Call

- When the mobile phone is called, the incoming telephone number is displayed 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.

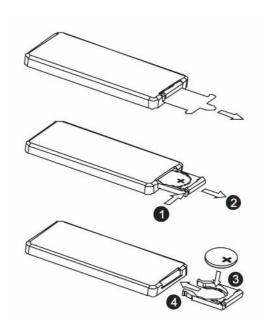
· Adjust Talk Volume

- During a call, use the VOL knob or VOL+ ▲ /VOL- ▼button to adjust the volume level.
- Use the MUTE button to mute the sound.

Audio Streaming (A2DP)

- Press the U/MODE button to enter BT mode and display pause in the LCD display.
- When a mobile device is paired, music played through that device will automatically be heard through this Bluetooth hands-free audio system.
- Press the button to play the next or previous song on the mobile phone.
- Press the button to pause or resume music playback.

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

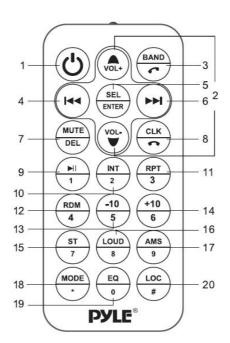
- 1. When the lithium cell battery becomes weak, replace it as illustrated on the right.
- 2. Press and hold the movable block in the direction indicated by arrow 1. At the same time, pull the cell holder out of the remote control in the direction indicated by arrow 2.
- 3. Replace the old cell with a new one, making sure the (+) polarity is facing upward.
- 4. Re-insert the cell holder into the remote control.
 - 1. Cell leakage may cause damage to the remote control.
 - 2. Do not throw cells into it as this may cause an explosion.
 - 3. Keep battery cells out of reach of children.

5. Remote Control Operation

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

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

Button Names and Locations



- 1. **じ**(Power on/off) button
- 2. VOL+/VOL-(volume increase/decrease) button
- 3. Band button, (answer call) button
- 4. Hbutton: 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	15A (max.)
Maximum Power Output	75W x 4CH

Radio FM

JSA/ Europe Frequency Range87.5 – 107.9 MHz (200KHz/Step)
JSA/ Europe Frequency Range87.5 – 107.9 MHz (200KHz/Step

- 87.5 108.0 MHz(50KHz/Step)

AM

USA/ Europe Frequency Range	530 –	- 1710KHz	(10KHz/Step)
-----------------------------	-------	-----------	--------------

- 522 1620 KHz (9KHz/Step)

USB/Card

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

BT

TROUBLESHOOTING

If you suspect something is wrong, immediately switch power off. Do not use the unit in abnormal conditions, for example without sound, or with smoke or foul smell, which 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

• The ship's/Car's engine switch is not on.

Turn your Ship's/car's key to ACC or ON.

The cable is not correctly connected.

Check the connection.

· The fuse is burnt.

Replace fuse.

· Volume is in mute or minimum.

Check the volume or mute on/off, and adjust the volume to a desired level.

Sound skips.

The installation angle is more than 30°. Adjust the installation angle to less than 30°.

The operation keys do not work.

The built-in microcomputer is not operating properly due to noise. Press the RESET button to restore the program to zero.

Radio

· Much noise in broadcasts.

The station or signal is too weak. Select other stations of stronger signal level.

· The antenna cable is not connected.

Insert the antenna cable firmly into the antenna socket of this receiver.

• The preset station is reset.

The battery cable is not correctly connected. Connect the battery cable to the terminal that is always life.

USB/SD

USB or SD card is connecting but no sound

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

FREQUENTLY ASKED QUESTIONS

What is the Pyle PLMRKT46BK Marine Headunit Receiver Speaker?

The Pyle PLMRKT46BK is a marine-grade head unit receiver speaker system designed for use in boats and other marine environments.

What does the PLMRKT46BK package include?

The package includes a marine head unit receiver, two 5.25-inch speakers, a remote control, and all necessary installation accessories.

Is the Pyle PLMRKT46BK system waterproof?

Yes, the Pyle PLMRKT46BK system is designed to be water-resistant and suitable for marine use.

What audio sources can be used with the PLMRKT46BK system?

The system features an AM/FM radio tuner and also includes a built-in Bluetooth receiver for wireless audio streaming from compatible devices.

Can the PLMRKT46BK system play music from external devices?

Yes, the system includes an auxiliary input and a USB port, allowing you to connect and play music from external devices such as smartphones, MP3 players, or USB drives.

How many speakers are included in the PLMRKT46BK system?

The package includes two 5.25-inch marine speakers.

Are the speakers weatherproof?

Yes, the included speakers are designed to be weather-resistant and suitable for marine environments.

What is the power output of the PLMRKT46BK headunit?

The head unit has a maximum power output of 300 watts (75 watts x 4 channels).

Does the PLMRKT46BK system have a built-in amplifier?

Yes, the head unit includes a built-in amplifier to power the included speakers.

Can I control the system remotely?

Yes, the package includes a remote control that allows you to control various functions of the head unit.

Is the headunit compatible with steering wheel controls?

No, the Pyle PLMRKT46BK head unit does not have compatibility with steering wheel controls.

Can I connect additional speakers to the PLMRKT46BK system?

Yes, the head unit has preamp RCA outputs that allow you to connect additional speakers or an external amplifier.

Does the PLMRKT46BK system have a built-in EQ or sound customization features?

Yes, the head unit includes EQ presets and sound customization options to adjust the audio output.

Is the PLMRKT46BK system compatible with CD or DVD playback?

No, the head unit does not have a CD or DVD player.

Can I use the PLMRKT46BK system with a 12-volt power supply?

Yes, the system operates on a 12-volt DC power supply commonly found in boats and marine vehicles.

DOWNLOAD THE PDF LINK: Pyle PLMRKT46BK Marine Headunit Receiver Speaker USER'S MANUAL

Manuals+,