

User Manual of Product 1:

Pyle Boat Bluetooth Marine Stereo Receiver - Marine Head Unit Din Single Stereo Speaker Receiver - Wireless Music Streaming, Hands-Free Calling, CD Player/MP3/USB/AUX/ AM FM Radio -PLCD43BTM (Black)

User Manual of Product 2:

Pyle Hydra Marine Amplifier - Upgraded Elite Series 400 Watt 4 Channel Audio Amplifier - Waterproof, Dual MOSFET Power Supply, GAIN Level Controls, RCA Stereo Input & LED Indicator - PLMRA402



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

PLMRB29B



USER’S MANUAL

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PRECAUTIONS

Precautions & Warnings

- To reduce the risk of fire, electric shock, and interference, do not attempt to repair this unit yourself. Refer all service to a qualified technician.
- 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 car has been in direct sunlight for an extended period, you may need to reduce the temperature inside the 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 require reprogramming.
- The unit is designed to be installed in a level, horizontal position.
For optimal performance, avoid installing the unit at an angle.
Do not tightly grip the display and buttons to avoid damage.

Lithium Battery Cell Warnings

- 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.

Drives and connections

Never place any foreign objects into the openings of the car radio (USB jack, card slot, AUX IN connection). Otherwise you might damage the slots and connections.

Others Warnings

Do not switch on the car radio for long periods of time when the motor is switched off.
This could cause the car battery to discharge and the vehicle can no longer be started.

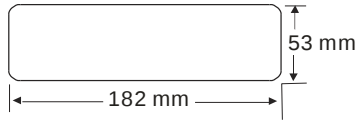
INSTALLATION

Installation Procedures

First complete the electrical connections and then check for correctness.

Installation Opening

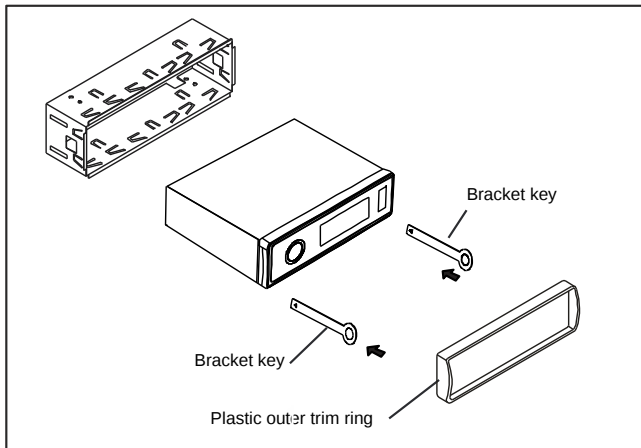
This unit can be installed in any dashboard Having an opening as shown the right figure.



To Install the Car Radio

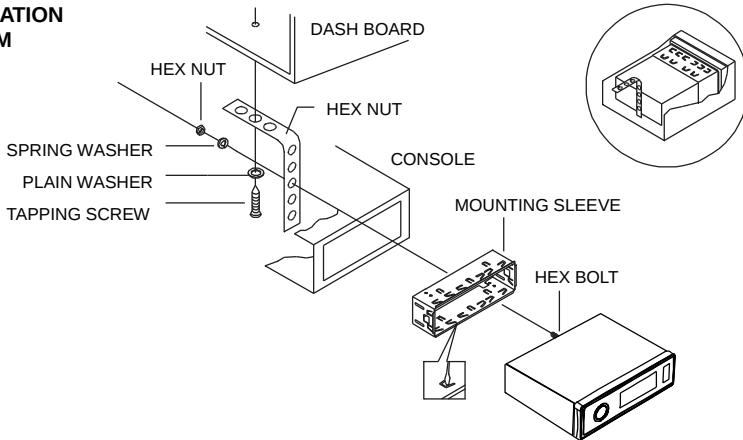
Be sure you test all connections first, and then follow these steps to install this unit.

1. Make sure the ignition is turned off, and then disconnect the cable from the vehicle batteries 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 the below figure to separate the chassis from the housing.



5. Insert 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 is not projecting beyond.
6. Insert car radio into the mounting sleeve.
7. Use a metal strap to secure the rear part of the chassis using the hardware indicated.
8. Make wiring connections, as illustrated in the "Wiring Diagram."
9. Install the plastic outer trim ring.

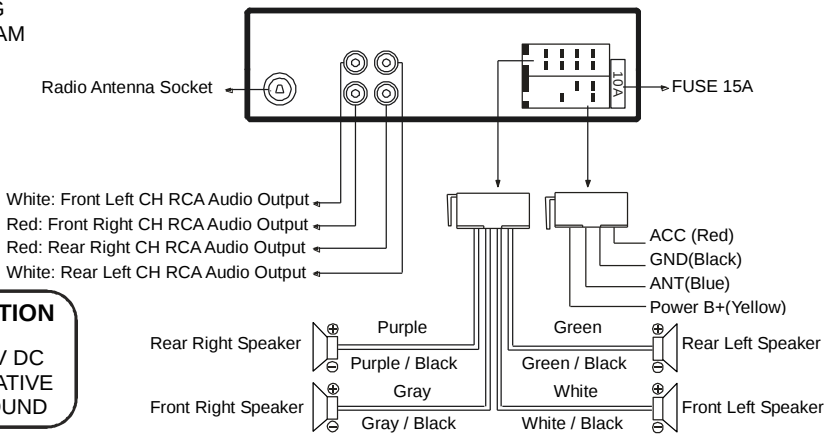
INSTALLATION DIAGRAM



- Only use speakers with 4 ohms impedance.
- Do not attach the control panel to the chassis before wiring is complete.
- The maximum current of the auto antenna is 200mA.

Wiring Connections

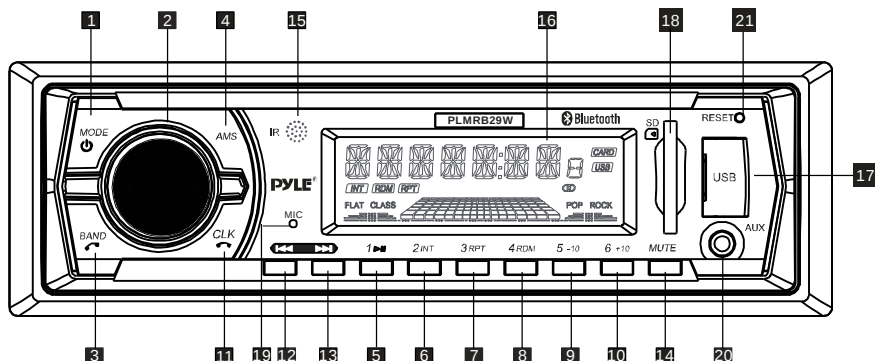
WIRING DIAGRAM



Removal of the Main Unit

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

CONTROL PANEL BUTTON LOACTIONS



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

GENERAL OPERATION

Turn Unit On/Off

- Press the power () /**MODE** 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.

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 FLAT/POP/ROCK/CLASS/OFF, LOUD ON/OFF, DX/LOC, STEREO/MONO and VOLUME.
- Rotate the **VOL** knob on the front panel or press the **VOL+ ▲** /**VOL- ▼** button on the remote control to adjust the selected item.
 - BASS/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.
 - Volume level:00,01,~,40
- Press and hold the **SEL** button on the front panel or press the **SEL/ENTER** button on the remote control to access these additional functions: VOL(LAS/ADJ), AREA EU/US, CLOCK 24/12, BEEP ON/OFF.
 - VOL(LAS/ADJ):This option allows you to preset a volume level as the power-on memory volume level.
 - VOL LAST: In this mode, the unit switches on at the actual volume it had when it was last switched off.
 - VOL ADJ: In this mode, the unit power on at the actual volume that you preset a constant switch-on volume level.
 - Press the SEL button to enter the constant switch-on volume adjusting mode and the "A-VOL XX" will be shown on the LCD display.
 - Then you can adjust a constant switch-on volume level by rotating the VOL knob.
 - AREA EU/US: This car radio is equipped the Europe / USA frequency.
 - Rotate the volume knob to switch between USA and Europe frequency.
 - The system will change the frequency setting in about 3 seconds.
 - CLOCK 24/12:
 - This unit is equipped with two types of clock display formats, 24 and 12 hours.
 - Rotate the volume knob to choose 24 hours format or 12 hours format.
 - BEEP ON/OFF: Enables or disables the "BEEP" signal to confirm use.
- 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. Press the  or  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  or  button on the front panel or on the remote control to adjust the minute.
6. Note: During Bluetooth mode, the clock can not be adjusted.

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, press again to turn it off.

Preset Equalizer(EQ)

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

USB port

The USB port of this car radio is designed for media playback from flash memory devices and charging for iPhone / android mobile phone. The charging current consumption is 1 ampere.

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 and hold the **VOL/SEL** button to enter switch state of the EU(USA) and EU (europe) frequency, then rotate it to switch between US(USA) and EU(europe) 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 be stored 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 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

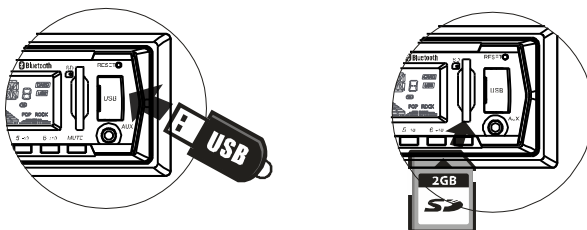
FM station is received in stereo mode. However, if the signal is weak or reception is not as good as you would like, switching to MONO mode usually improves the overall sound quality.

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

USB / 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 the SD card into the SD slot on the chassis. 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, and push the SD card in the slot, then remove the SD card from the chassis.

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.

Repeating 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, press again to cancel this function.

Track/Folder Navigation

- During a disc, 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.
- During a MP3 disc, USB or SD card 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.

You can repeat this function depending on the number and level of folders.

- These buttons have no this function if the USB device or SD card has no folders.

Select the track or file for playback in MP3 format

Press the **AMS** button repeatedly to select one of the following 3 search modes:

NUM SCH (Searching by track or file serial number)

DIR SCH (Searching by folder serial number)

FILE SCH (Searching by track or file name)

Searching by track or file serial number:

a) In playback of files with MP3 format, press the **AMS** button once to access the track or file number searching mode which allow you to quickly find a specific MP3 track or file by its serial number, and the "NUM SCH" and "NUM ***" will appear on the LCD display in sequence, and the first symbol "*" will blink.

b) Rotate the **VOL** knob to select the serial number of your favorite file with high speed.

c) Finally press the **SEL/ENTER** button to confirm and play the selected file.

Searching by folder serial number:

The folder search mode allows you to quickly find an MP3 track or file under a specific group folder.

a) In playback of files with MP3 format, press the **AMS** button twice, the "DIR SCH" will be shown on the LCD display.

b) Rotate the **VOL** knob to select a desired folder. If there are no root Folder in the USB or SD card, the LCD will display "ROOT")

c) Press the **SEL/ENTER** button to play the first track or file of the selected folder.

Searching by track or file name:

This track or file name search function requires only the first few character as search keyword, it will allow you to quickly find an MP3 title by its name.

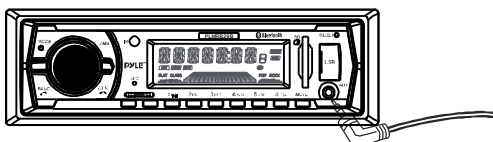
a) Press the **AMS** button three times, the "FILE SCH" and "*-----" will be shown on the LCD display in sequence, and the first character "*" will blink.

b) Rotate the **VOL** knob to change the first character (*). The character will be changed from "A" to "Z", "0" to "9" and "_", "-", "+", "space". Press the **SEL/ENTER** button to confirm the character entered and the next character will blink for setting. Press the **AMS** button to delete the incorrect character.

c) When matched files was found, press the **SEL/ENTER** button to start play the searched file. If the file was not found, "NO FOUND" message will be visible on the display.

AUXILIARY INPUT OPERATION

This car radio has an external auxiliary input jack, it is compatible with audio output from an MP3 music player. So you can listen to sounds and music from external devices, if you have plugged such a player into the AUX IN jack with a audio cable. Press the **MODE** button to switch to the AUX input mode on or off.



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 the car audio system, the "PYLE" name will be displayed.
3. Choose "PYLE" from the device list to pair and connect with the 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 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 and hold 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 Car Audio and Mobile Phone

During a call, press the **VOL** knob/button to switch the audio source from the car audio system back to your mobile phone.

Adjust Talk Volume

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

Audio Streaming (A2DP)

1. Press the  / **MODE** button to enter BT mode and display media in the LCD display.
2. When a mobile device is paired, music played through that device will automatically be heard through the car audio system.
3. Press the  or  button to play the next or previous on the mobile phone.
4. Press the  button to pause or resume music playback.

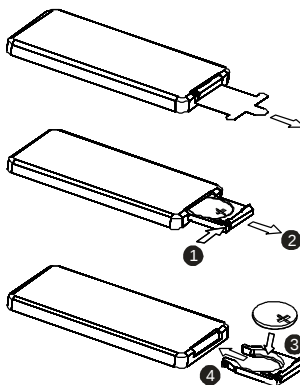
REMOTE CONTROL

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.



- 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.

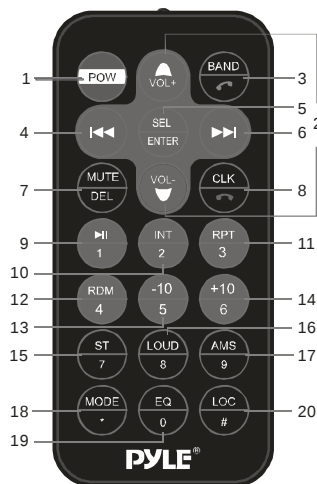
Remote Control Operation

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 than 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; Track down, fast reverse
5. SEL(selection) button
6. ⏭ button: Tune up, seek up; Track up, 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 160(D) x 50(H) mm
Power Supply RequirementDC 12V
Current Consumption10A (max.)
Maximum Power Output4 x 75W

Radio

FM

USA/ Europe Frequency Range.....87.5 - 107.9 MHz (200KHz/Step)

87.5 - 108.0 MHz(50KHz/Step)

Usable Sensitivity30 dBu
I.F. Frequency10.7 MHz

AM

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

522 - 1620 KHz (9KHz/Step)

Usable Sensitivity20 dBu
I.F. Frequency450 KHz

USB/Card

Usable Audio FormatsMP3/WMA
Pre-amp OutputFront and Rear
Frequency Response20 Hz - 20 KHz
S/N Ratio60dB

BT

BT Profile supportsA2DP, AVRCP, HSP, HFP
Range of frequency2.4GHz spectrum

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) Car's engine switch is not on.
 - Turn you 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 car radio.
- 3) Preset station is reset.
 - Battery cable is not correctly connected. Connect the battery cable to the terminal that is always live.

■ USB/SD

USB or SD card is connecting but no sound

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

PYLE®



FOR CAR AND MARINE USE



www.pyleaudio.com

PLMRA400
Waterproof Marine 400W 4 Channel Amplifier
User's Manual

INTRODUCTION

Thank you for purchasing the PYLE PLMRA 400 High Speed Power Amplifier . The PLMRA 400 has been designed using the latest electronic technology available.

The PLMRA 400 is with engineered features allowing you to produce high quality stereo reproduction in mobile applications. This innovative system has been designed a 12 volts DC negative ground power supply. Easy installation with mounting hardware is provided.

The PLMRA 400 has two input levels. The high or low impedance input can be connected to units which incorporate BTL circuitry or common-ground types.

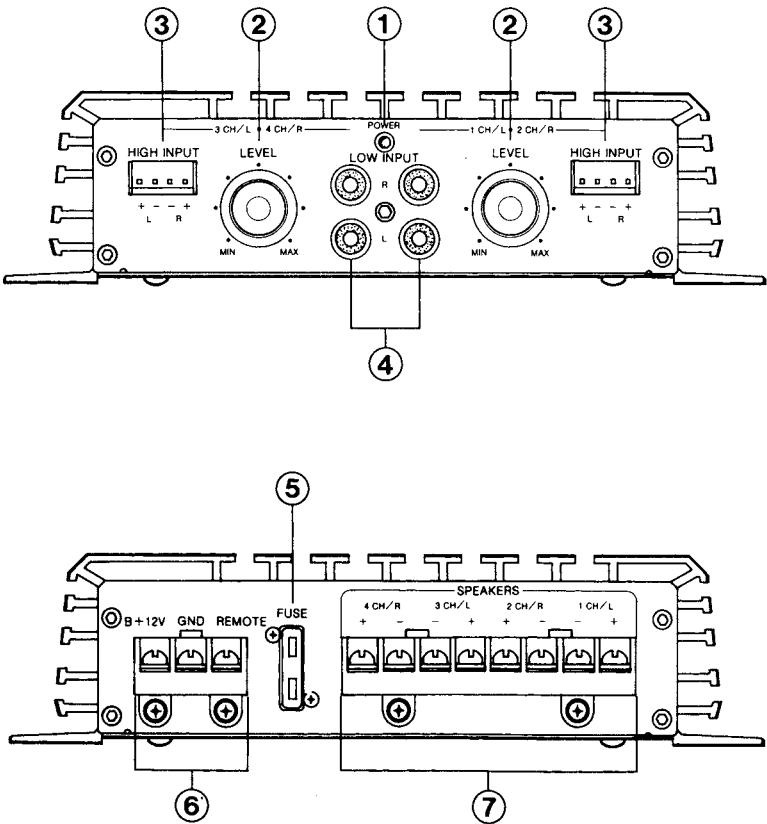


Figure 1

FUNCTIONS

1.POWER ON LED

Lights up when the remote on system is energized.

2.INPUT GAIN CONTROL

Adjust high impedance input gain from 1 V to 300mV for best matching with PREAMP output for your car stereo.

3.LOW IMPEDANCE INPUT (HIGH LEVEL INPUT)

This unit is provided with two terminal inputs (Front & Rear) for LOW impedance. If Your car stereo has four speaker outputs (LF,RF,LR,RR). Wire input as per FIG. 3 & FIG 3A. If your car stereo has two speaker outputs, please wire as per FIG 4 & FIG 4A.

4.HIGH IMPEDANCE INPUT (LOW LEVEL INPUT)

This unit is provided with gold plated RCA input jacks for high impedance. Couple the RCA input with the car stereo output using RCA type connector cables. If your stereo has only left and right 2 channels outputs. You must use a Y-adaptor for connection (FIG 2).

5.POWER FUSE

Power fuse protects both this amplifier and the automobile electrical system from wrong electrical conditions.

6.POWER SUPPLY TERMINAL

Connect the +12V DC power supply wire into this terminal. By lugs and screws accessible at the panel of this amplifier (Fig. 5).

A.BATT +

Connect +12VDC power supply wire into this terminal from the (+) terminal of the battery.

B.GROUND

Ground terminal connects the ground wire from the chassis of the automobile.

C.REMOTE

Remote terminal connects the control wire which provides remote turn-on and off of the amplifier by the RADIO/CASSETTE players power antenna wire.

7.SPEAKERS TERMINALS

Speakers can be easily connected to signal barrier strip. You may use 4 to 8 ohms speakers. Before connecting, please check speaker connection diagrams.

ELECTRICAL & AUDIO CONNECTIONS

A. STEREO INPUT CONNECTION

1.High impedance input.

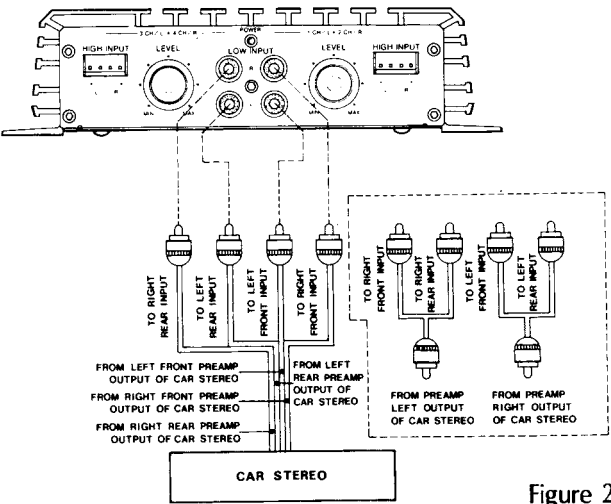


Figure 2

2.Low impedance (BTL or Common Ground) Input

a.Four Speaker Output Mode

a-1. Floating Ground Type

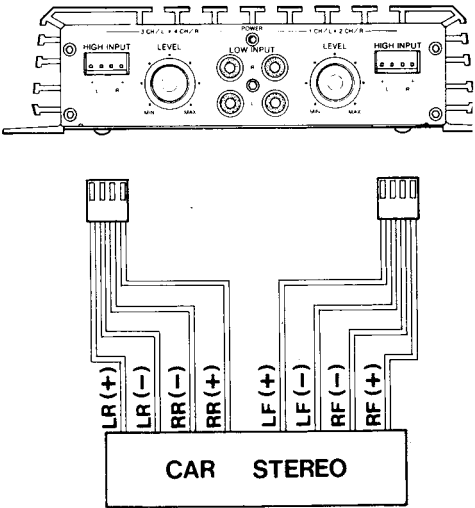


Figure 3

ELECTRICAL & AUDIO CONNECTIONS

a-2. Common Ground Type

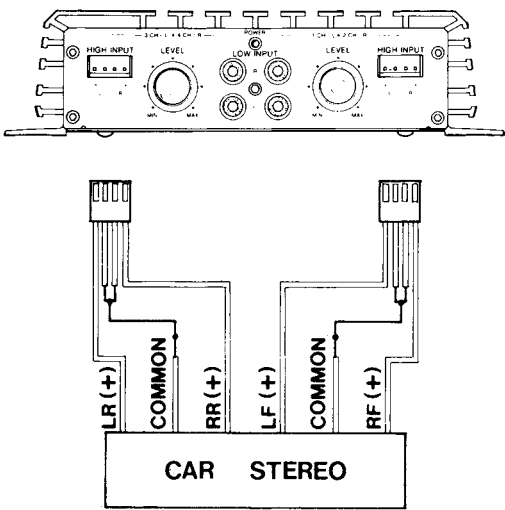


Figure 3A

b.Two Speaker Output Mode

b-1. Floating Ground Type

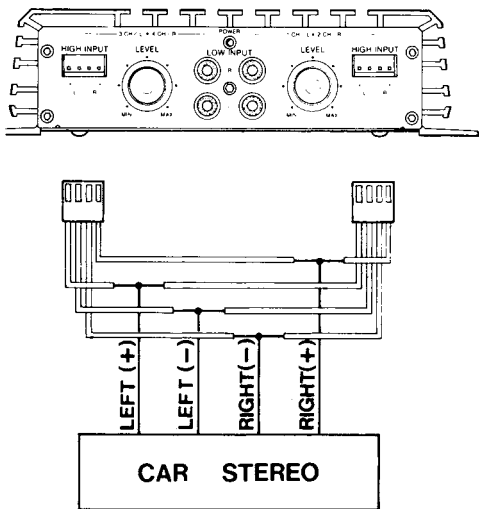


Figure 4

ELECTRICAL & AUDIO CONNECTIONS

b-2. Common Ground Type

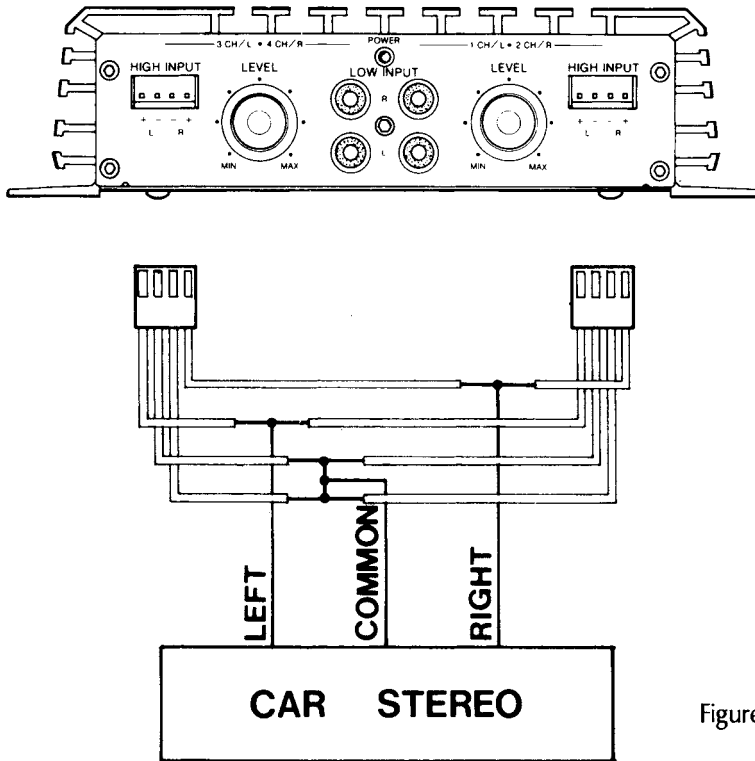


Figure 4A

NOTE: High and low impedance input can not be used at same time.

B. SPEAKER CONNECTION

Connect the speaker output terminals to the corresponding speakers. (Figure 5) The speakers must be high quality and capable of handling high power. Separated return paths and strong wires are required. (Fig. 5)

NOTE: This amplifier has built-in short circuit protection. If you mistakenly connect any speaker wires to ground, or positive power (+) and (-) Wires short together, the protection circuit will operate automatically and cut-off output. In case of this, you must switch OFF the whole system immediately double check speaker wire connections and isolation before switching on the amplifier again.

ELECTRICAL & AUDIO CONNECTIONS

C. POWER CONNECTION

FIG. 5

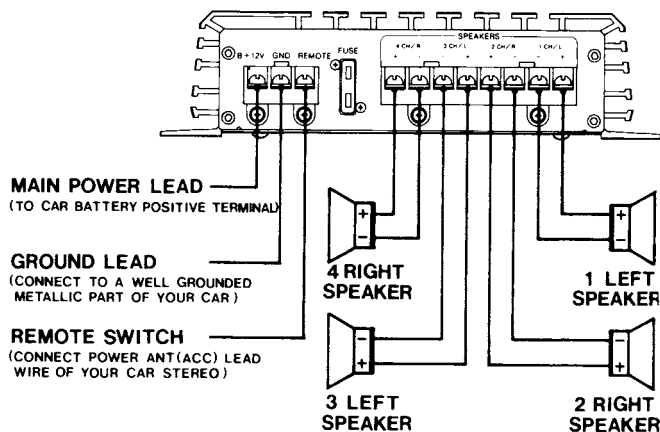


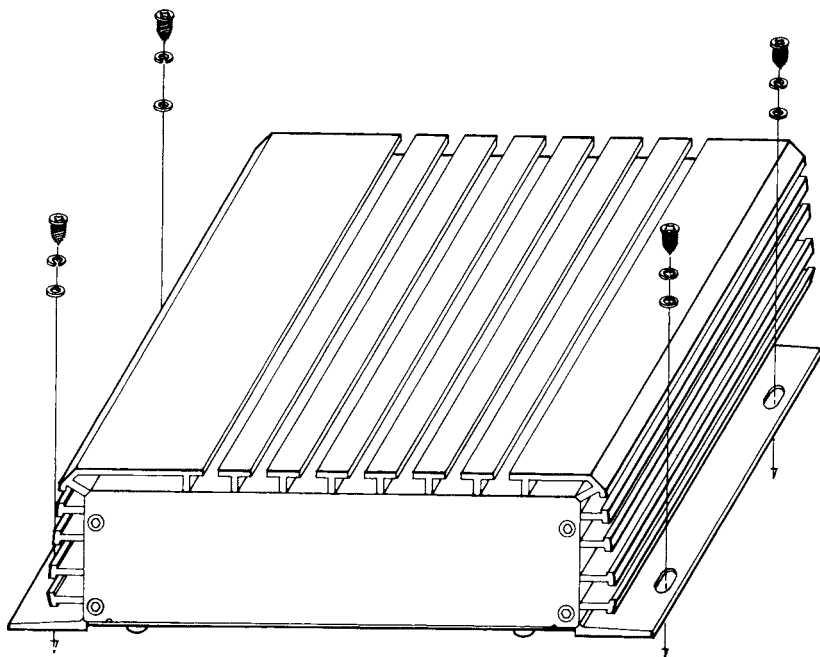
Figure 5

1. Connect the B+12V pole of power supply directly to the battery (+) position terminal.
2. Connect the GND pole of power supply directly to the (-) negative ground battery terminal or car chassis.
3. To make a good grounding and prevent motor boating noise problem connect another 12 gauge minimum wire from the (-) negative battery terminal to chassis of stereo unit.
4. Connect the 'Remote' pole to external switch for positive 12V ON/OFF. This may be connected to the receiver power antenna lead.

INSTALLATION

This amplifier comes complete with mounting hardware, if the unit is used in the line level (high impedance) mode, it is recommended to use gold plated RCA connection cables with the length as short as possible and mount the unit as close as possible to the receiver. This will lower the chance of stray magnetic pick up that may cause noise in the system.

1. Choose a suitable location.
2. Check the clearance behind and above the mounting area.
3. Wire unit according to the proper wiring diagram.
4. Using the hardware provided, attach the unit to mounting surface.



MAINTENANCE

Your PYLE power Amplifier is an example of superior design and craftsmanship. The following suggestions will help you care for your amplifier so you can enjoy it for years.



Keep the amplifier dry. If it gets wet, wipe it dry immediately. Liquids can contain minerals that corrode electronic circuits.



Use and store the amplifier only in normal temperature environments. Temperature extremes can shorten the life of electronic devices and distort or melt plastic parts.



Handle the amplifier gently and carefully. Dropping it can damage circuit boards and cases and can cause the amplifier to work improperly.



Keep the amplifier away from dust and dirt, which can cause premature wear of parts.



Wipe the amplifier with a damp cloth occasionally to keep it looking new. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the amplifier.

TESTING AND SPECIFICATONS

1. After all the connections have been made, turn on your stereo and listen for the amplifier to turn on. If there are any unusual noises from the speakers then turn the system off and recheck all the wiring.
2. After you have connected your radio or equalizer to the amplifier, you may adjust the gain control to match the output level of your radio.
 - (A)Set the volume control on your radio to 2/3 position.
 - (B)Adjust the gain control for an average listening level.
 - (C)Turn the radio volume all the way down and listen for background noise.
 - (D)Start your vehicle and listen for electrical noise.
 - (E)Making fine adjustments to the sensitivity can reduce background noise and some engine noise.
 - (F)CAUTION:Never turn the sensitivity up any farther than you need to get clear sound at 2/3 volume.
 - (G)This adjustment only needs to be made once.

SPECIFICATIONS

1. Output power
@14.4 V.D.C. 1KHZ.....100 WX4 Max
2. Frequency Response15-30K Hz (± 3dB)
3. Input Impedance.....10K ohms (Low Level)
100 ohms (High Level)
4. Input Sensitivity
High Level.....2.5v
Low Level.....250mv
5. Power Supply Voltage.....DC 14.4V negative ground (10.5-16V)
6. Matching Speaker Impedance.....4-8 ohms
7. Maximum Current Draw.....10A
8. Dimensions.....7.87"W x 2"H x 8.0"L
9. Net Weight.....3.30 (lbs)

limited warranty policy amplifiers

You must also include the following items:

- A copy of your sales receipt or other proof of purchase
- A brief letter indicating the problem you are experiencing
- include in your letter your return address, daytime phone number, and R.A. number
- also include a check or money order for \$18.00 for return shipping, handling, and insurance, or provide your Visa/MC number with expiration date.

Our obligation under this warranty is limited to the repair or replacement of the defective unit when it is returned to us prepaid. This warranty will be considered void if the unit was tampered with, improperly serviced, or subject to misuse, neglect, or accidental damage.

All Pyle products are carefully constructed and thoroughly tested before shipment. Products purchased in the USA are warranted to be free of defects in material and workmanship for two (2) years from the date of purchase. This warranty is limited to the original retail purchase.

Should the product fail due to factory defects in material or workmanship, your unit will be repaired or replaced at the sole discretion of Pyle.

To obtain warranty service you must first call our Consumer Return Hotline number at (718) 236-6948 to obtain a Return Authorization number. This R.A.# must appear on the outside of your package and on all paperwork relating to your return.

When returning a product to us for warranty service it must be carefully packed and shipped prepaid to:

R.A.#
Pyle Service Center
1600 63rd Street
Brooklyn, NY 11204

www.pyleaudio.com