

PYLE®

PLR21MPF

AM/FM Receiver w/ MP3 Playback & USB/SD



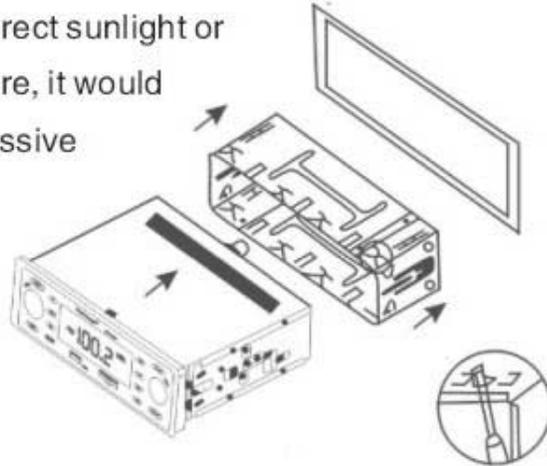
USER MANUAL AND INSTALLATION INSTRUCTIONS
Please read this instructions before operating the unit.

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1. INSTALLATION

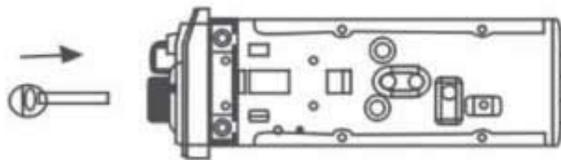
- Choose the mounting location carefully so that the unit will not interfere with the normal driving functions of the driver.
- Avoid installing the unit where it would be subject to high temperatures, such as from direct sunlight or hot air from the heater, or where, it would be subject to dust, dirt or excessive vibration.
- Use only the supplied mounting hardware for a safe and secure installation.



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UNIT REMOVAL

- Remove the detachable front panel.
- Insert the supplied key into the slot as shown, and slide the unit out of the dashboard while holding the trim plate.
- Remove the key from the slot.
- Remove the metal mounting strap attached at the back of the unit.
- Disconnect all the wires of the unit and the antenna plug.



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2.OPERATION



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1. Power button
2. Time function button
3. LCD display
4. Previous/Next 10 songs selection button
5. Play/Pause button
6. Tuning knob
7. Volume control knob
8. Am/Fm band selection button
9. USB/SD selection button
10. USB slot
11. MMC/SD memory card slot
12. Previous/Next song selection button

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2-1.BASIC OPERATION

1.POWER BUTTON

- Press this button to turn ON/OFF the radio

2.VOLUME CONTROL KNOB

- Rotate this knob right/left to increase/decrease volume.

3.TUNE KNOB

- Rotate this knob right/left to select wanted broadcasting station.

4.TIME FUNCTION BUTTON

- Press this button while listening radio,then time will show up on the LCD display.
- Press [F/T] button first,then press [H] button/ [M] button to adjust hour/minute.

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2-2.RADIO OPERATTON

- 1.Press [MODE] button to show up receiving band frequence on the LCD display.
- 2.Press [BND] button to select wanted band AM or FM.
- 3.Rotate [TUN] knob to select wanted broadcasting station.

2-3.MP3 PLAY OPERATION

- 1.Press [MODE] [13] button to select MP3 playing,when **USB** or **SD** and time will show up on the LCD display.
- 2.Press [USB/SD] button [9] to select USB or SD/MMC card,when **USB** or **SD** will show up on the LCD display.
- 3.Press [PLAY] button [5] to select/pause MP3 playing.
- 4.Press [+10/-10] button [4] select previous/next 10 songs.
- 5.Press [▶▶] button [12] / [◀◀] button [12] to select previous /next song.

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2-4.USB,SD/MMC,LCD DIPLAY

- 1.[10] USB slot
- 2.[11] SD/MMC card slot
- 3.[3] LCD display(MP3/RADIO)

3.ELECTRICAL CONNECTION

Make sure your car battery is a 12volt (6 filler caps) negative ground system (if not, a converter will be necessary).

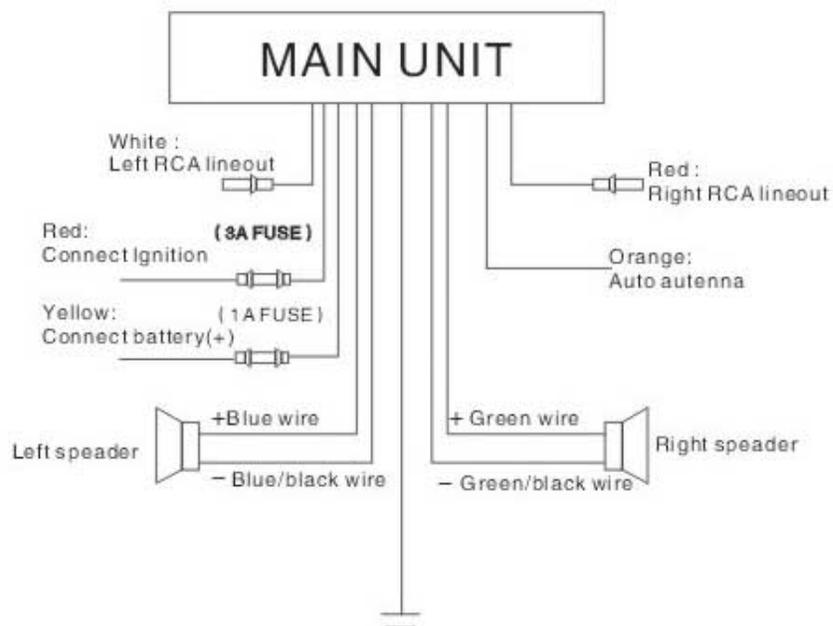
Before starting wiring connections, disconnect the power supply by removing the fuse from the fuse box.

Connect the power wire to one of the extra terminal of the fuse box.

Connect the black ground wire to a metal part of the car. It is important to make good contact.

Make other wiring connections as shown.

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4.SPECIFICATION

GENERAL

POWER SUPPLY	•••••	12V (DC-10.8-15.5V)
MAX CURRENT	•••••	3A
INSTALLATION SIZE	•••••	7.9"(W)x2.05"(H)x5.43"(D)
FRONT PANEL SIZE	•••••	7"(W)x1.97"(H)x5.41"(D)
SPAKER INPEDANCE	•••••	4 Ohm-8 Ohm

RADIO

FREQUENCY RESPONSE	•••••	20Hz-20KHz
SIGNAL TO NOISE RATIO	•••••	65dB(IEC-Anetwork)

FM	FREQUENCY RANGE	•••••	87.5-108MHz
	MAX SENSITIVITY	•••••	≤26dB

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SIGNAL TO NOISE RATIO	•••••	65dB
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AM	FREQUENCY RANGE	•••••	520-1710KHz
	MAX SENSITTIVITY	•••••	≤43dB
	SELECTIVITY	•••••	30dB

Note:

Due to continuous improvement,design and specifications are subject to change without notice.

5.TROUBLE SHOOTING

Before going through the check list, check wiring connection. If any of the problem persist after check list had been made, consult your nearest service dealer.

Symptom	Cause	Solution
No power:	The car ignition switch is not ON	If the power supply is properly connected to the car accessory terminal switch the ignition key to "ACC" .
	The fuse is blown.	Replace the fuse.
No sound.	Volume is in minimum.	Adjust volume to a desired level.
	Wiring is not properly connected.	Check the wiring connection.
The radio does not work. The radio station automatic selection does not work.	The antenna cable is not connected.	Insert the antenna cable firmly.
	The signals are too weak.	Select a station manually.

CAUTION
Metal parts of this unit (especially on the back) become quite hot during operation, to be careful to avoid touching parts other than the handle immediately after removing the unit.

6.MAINTENANCE

For System

The following suggestions help you care for the product so that you can enjoy it for years.

1. Keep the product dry. If it does get wet, wipe it dry immediately.
Liquids might contain minerals that can corrode the electronic circuits.
2. Keep the product away from dust and dirt, which can cause premature wear of parts.

3. Handle the product gently and carefully. Dropping it can damage circuit boards and cases, and can cause the product to work improperly.
4. Wipe the product with a dampened cloth occasionally to keep it looking new. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the product.
5. Use and store the product only in normal temperature environments. High temperature will shorten the life electronic devices, damage batteries, and distort or melt plastic parts.

7.CAUTION

1. This unit is designed to operate on 12-volts DC, negative ground electrical system only. Do not attempt to install this unit in a vehicle having a positive ground system.

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2. Your unit has built-in filtering to eliminate most of the noise that might come through the power source. However, with some vehicles, particularly older models, some clicking or other unwanted noise might be present.

8.IGNITION AND INTERFERENCE NOISE

Ignition

The most common source of noise in reception is the ignition system. This is normally due to the fact that radio is placed relatively close to the ignition system (engine).

This type of noise can be easily detected because it will vary in intensity of pitch with the speed of the engine.

Usually, the ignition noise can be suppressed considerably by using a radio

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Suppression type high voltage ignition wire and suppressor resistor in the ignition system.

(Most vehicles employ this wire and resistor but it may be necessary to check them for correct operation.)

Another method of suppression is the use of additional noise suppressors. These can be obtained from most CB/Amateur radio or electronic supply shops.

Interference

Radio reception in a moving environment (automobile) is very different from reception in a stationary (home). It is very important to understand the difference.

AM reception will deteriorate when passing through a tunnel or when passing under high voltage lines. Also, noise can be picked up from passing automobiles. Although AM is subject to environmental noise. It has the

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Ability to be received at great distance. This is due to the fact that broadcasting signals follow the curvature of the earth and are reflected back by the upper atmosphere.

FM reception is just the opposite of AM. It is not subject to environmental noise and it does not have the ability to be received at great distances (usually 30 miles=48 km). Also, the FM signal can be blocked by tall buildings, mountains, or hills.

To reduce the possibility of these problems, ALWAYS FINETUNE a station, and if possible, set the antenna height to 30 inches (=76.2cm).