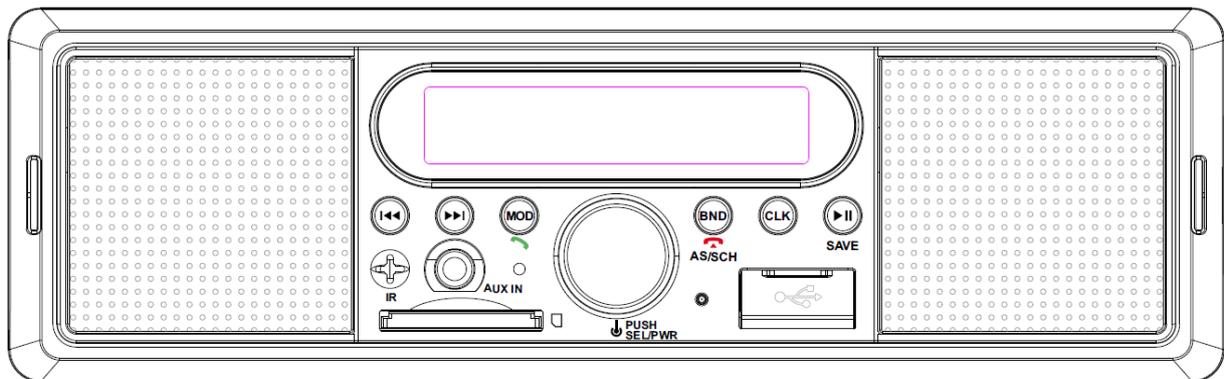




PLMR7BTW

OWNER'S MANUAL

Mobile Audio System



- **PLL Synthesizer Stereo Radio**
- **Automatic Memory Storing**
- **USB Interface**
- **SD Interface**
- **3.5mm Input Jack**
- **Bluetooth Function**

www.pyleaudio.com

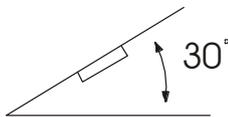
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INSTALLATION

Notes:

- Choose the mounting location where the unit will not interfere with the normal driving function of the driver.
- Before finally installing the unit, connect the wiring temporarily and make sure it is all connected properly and the unit and the system work properly.
- Use only the parts included with the unit to ensure proper installation. The use of unauthorized parts can cause malfunctions.
- Consult with your nearest dealer if installation requires the drilling of holes or other modifications of the vehicle.
- Install the unit where it does not get in the driver's way and cannot injure the passenger if there is a sudden stop.
- If installation angle exceeds 30° from horizontal, the unit might not give its optimum performance.

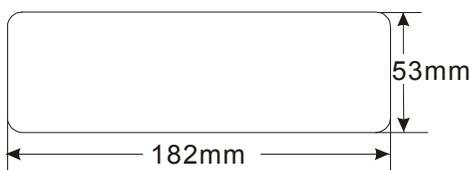


- Avoid installing the unit where it would be subject to high temperature, such as from direct sunlight, or from hot air, from the heater, or where it would be subject to dust, dirt or excessive vibration.

DIN FRONT-MOUNT

Installation Opening

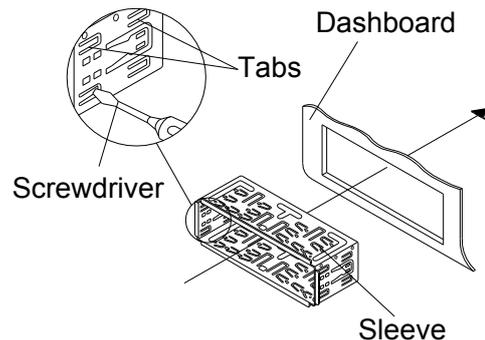
This unit can be installed in any dashboard having an opening as shown below:



Installing the unit

Be sure you test all connections first, and then follow these steps to install the 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. Mount the sleeve by inserting the sleeve into the opening of the dashboard and bend open the tabs located around the sleeve with a screwdriver. Not all tabs will be able to make contact, so examine which ones will be most effective. Bending open the appropriate tabs behind the dashboard to secure the sleeve in place.



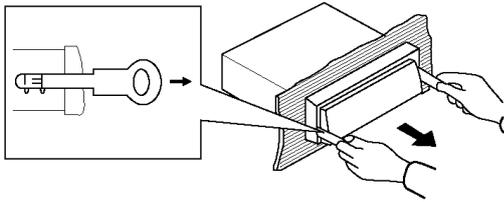
4. Reconnect the wire harness and the antenna and be careful not to pinch any wires or cables.
5. Slide the unit into the sleeve until it locks into place.
6. Reconnect the cable to the vehicle battery's negative (-) terminal. Then replace the outer trim ring.

Removing the unit

1. Make sure the ignition is turned off, then disconnect the cable from the vehicle battery's negative (-) terminal.
2. Remove the metal strap attached the back of the unit (if attached).

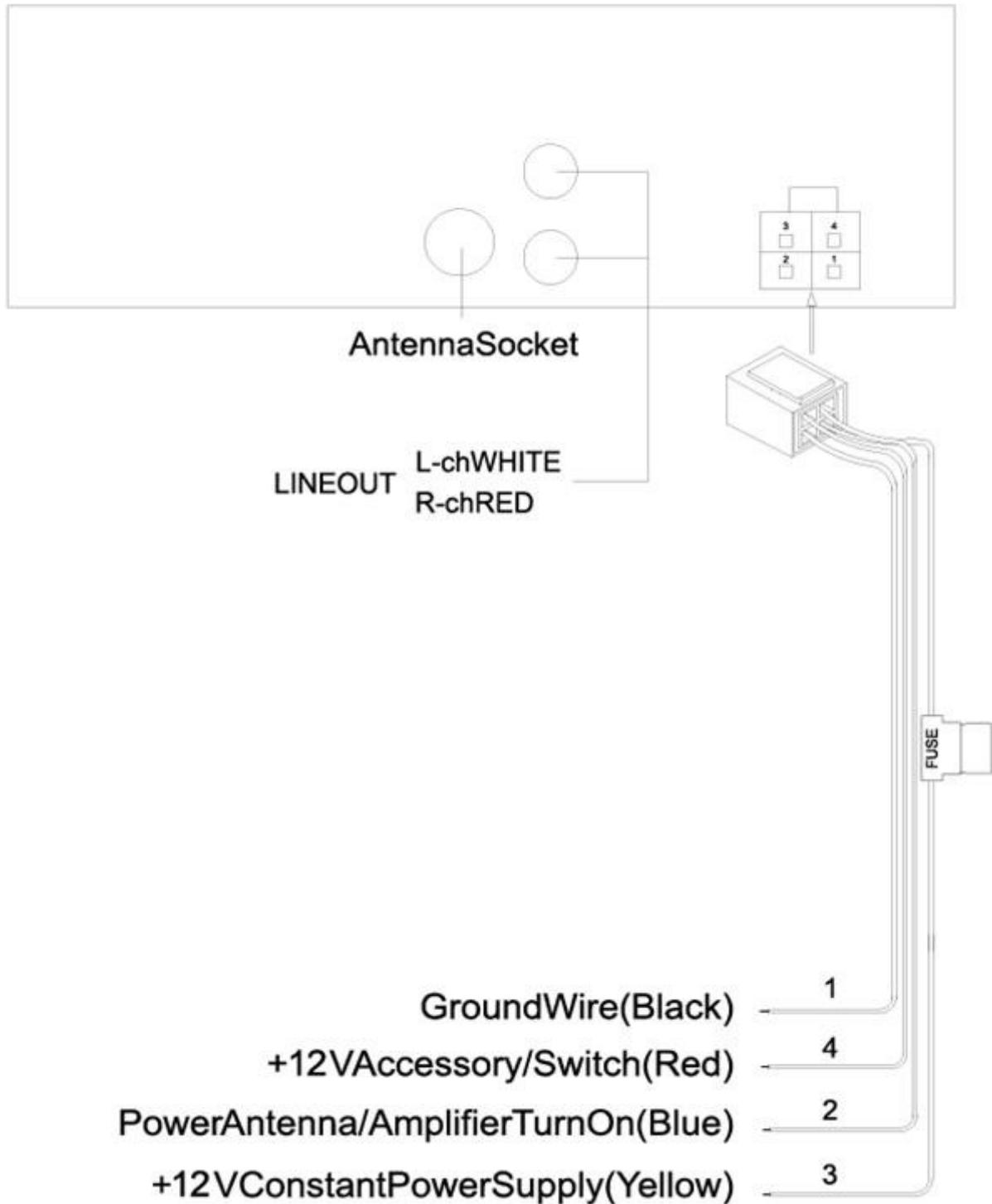
INSTALLATION

3. Lift the top of the outer trim ring then pull it out to remove it.
4. Insert both of the supplied keys into the slots at the middle left and right sides of the unit, then pull the unit out of the dashboard.



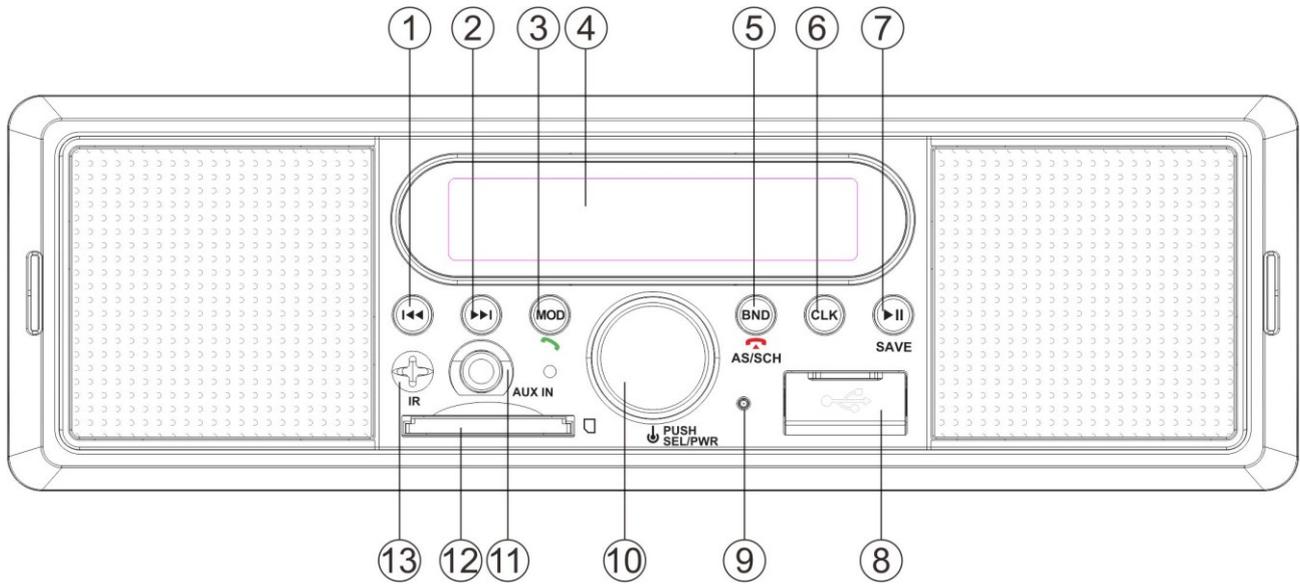
WIRING CONNECTION

ISO CONNECTION



OPERATION

LOCATION OF KEYS

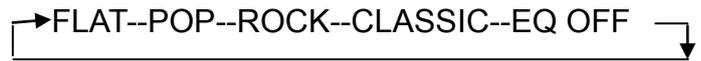


- | | |
|---------------------------|------------------|
| 1. ⏮ Skip backwards | 7. ⏸ / SAVE |
| 2. ⏭ Skip forward | 8. USB interface |
| 3. (pick up)/ MOD | 9. Reset button |
| 4. LCD | 10. VOL/SEL/PWR |
| 5. (hang up)/ BND/AS/SCH | 11. AUX IN |
| 6. CLK | 12. SD interface |
| | 13. IR |

OPERATION

SWITCHING ON/OFF THE UNIT

Press **PWR** button (10) to turn on the unit. When the unit is on. Press and hold for 2 seconds to turn off the unit.



SOUND ADJUSTMENT

Press **SEL** button (10) shortly to select the desired adjustment mode. The adjustment mode will be changed in the following order:

→BAS-TRE-BAL -LOUD-EQ-ST-DX-USA-VOL

- BAS: bass
- TRE: treble
- BAL: balance
- LOUD: loudness
- EQ: equalization
- DX: distance
- LOC: local
- VOL: volume

By rotating the audio knob (10) it is possible to adjust the desired sound quality.

DISPLAY TIME

Press **CLK** button (6) to show the time. After 5 seconds it will return to show the information.

SET THE CLOCK

Shortly press the **CLK** button (6) first while the clock shows on the LCD. Then press and hold the **CLK** button for 2 seconds. The "HH" will flash. Rotate the audio knob (10) to change the hour. After that, press the **CLK** button and the "MM" will flash. Rotate the audio knob (10) to change the minute. If any other button is pressed it will quit the time setting mode and save the time setting.

LOUDNESS

Increase the audio knob (10) to turn the LOUD function on/off. This will increase the overall volume of the unit.

EQ FUNCTION

In EQ you can select the preset EQ mode by rotating the audio knob (10) as below:

AERA SETTING

In USA/EUR item rotating the audio knob (10) to select Europe or USA area.

LIQUID CRYSTAL DISPLAY

Exhibit current frequency and activated functions on the display.

AUXILIARY INPUT

The unit can be connected to a portable audio player through the **AUX IN** jack (11).

RESET FUNCTION

RESET button (9) must be activated with either a ballpoint pen or thin metal object.

The **RESET** button is to be activated for the following reasons:

- Initial installation of the unit when all wiring is completed.
- All the function buttons do not operate.
- Error symbol on the display.

Note: if press **RESET** button (9), the unit can't work yet, please use a cotton swab soaked in isopropyl alcohol to clean the socket on the front panel.

RADIO OPERATION

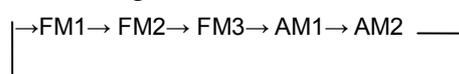
• SWITCHING TO RADIO MODE

Press **MODE** button (3) to select radio mode, the radio mode appears on the display together with the memory band and frequency.

• SELECTING THE FREQUENCY BAND

At radio mode, press **BAND** button (5) shortly to select the desired band.

The reception band will change in the following order:



OPERATION

- **SELECTING STATION**

Press ►► button (2) or ◄◄ button (1) shortly to activate automatic seek function. It will search up/down a station automatically. Press for 2 seconds until "MANUAL" appears on the display, the manual tuning mode is selected. In this mode you can turn up/down a step frequency one by one till searched a station. If both buttons have not been pressed for several seconds, they will return to seek tuning mode and "AUTO" appears on the display.

- **AUTOMATIC MEMORY STORING & PROGRAM SCANNING**

- Automatic memory storing
Press AS button (5) for 2 seconds, the radio searches from the 87.5MHz frequency and checks the signal strength until one cycle search is finished. And then 18 stations are stored into the corresponding preset number button.

- **PRESET STATIONS SELECTING**

Press the ►|| button (7) shortly. You can select the preset station (CH1~6).

- **MANUALLY STATION STORING**

To receive a station, Press and hold the SAVE button (7) for 2 seconds. It will show "SAVE CH1". If you want to store the station to CH2. Shortly press it again it will show "SAVE CH2". In this moment press and hold the SAVE button (7) for 2 seconds. The current station is stored into the CH2.

- **LOCAL function**

Press SEL knob several times till appear "DX". Rotating the audio knob (10) to choose the LOC (local) mode. In LOC mode the unit will reduce the

receiving sensitivity when you search station. That means you can receive the station that sound is good. It will ignore the station that sound is not good. In DX mode it will increase the receiving sensitivity when you search the station. That means you can receive more stations.

- **STEREO/MONO function**

Press the SEL knob several times until "ST" appears. Rotate the audio knob (10) to select STEREO or MONO mode. In STEREO mode you can receive FM stereo signal. In MONO mode the stereo signal will be switched to monochrome. If you change it to MONO mode, the noise will be reduced in some cases.

USB PLAY OPERATION

On the front panel of the unit, there is an USB interface (8). You can connect an USB driver through this interface (8).

When you connect an USB driver through the interface, the unit will search the MP3/WMA files in the USB driver and start to play automatically. If in other mode, you can also press **MODE** button (3) to select USB mode.

It supports the MP3/WMA file in the device.

The operation please refer to the following instruction.

SELECTING SONGS IN SINGLE STEP

Press ►► button (2) or ◄◄ button (1) to move to the following song or the previous song. Track number shows on display.

Press and hold ►► button(2) or ◄◄ button (1) for 2 seconds to fast forward or fast reverse. Song playing starts from when you release the button.

PAUSING PLAYING

Press ►|| button (7) to pause playing. Press it again to resume playing.

OPERATION

SELECTING SONGS BY SCH BUTTON

In USB/SD mode, press the **SCH** button (5) to activate the file search mode. It will show "TNO- - -". In this moment, rotate VOL knob (3) to select the song number's 1'st number. Three seconds later, select the 2nd number. When you finish the number inputs press SEL (10) to confirm. The unit searches the song and plays.

SD OPERATION

There is a SD interface (12) on the front panel of the unit.

When you insert a SD card in the SD interface, the unit will search the MP3/WMA files in the card and start to play automatically. The operation is the same with the USB play operation described above.

If in other mode, you can also press **MODE** button (3) to select SD mode.

CAUTION:

When there are important files in the USB Device or SD card, do not connect it to the main unit to play, because any wrong operation may cause files loss. And our company assumes no responsibility for this.

BLUETOOTH OPERATION

• PRE-PAIR FOR BLUETOOTH OPERATION

(i) When using Bluetooth, please make sure the mobile phone supports Bluetooth function.

(ii) For the different kind of mobile phone, Bluetooth emissive power has some difference. To get the best conversation quality, it is recommended that the distance between the mobile phone and the unit is within 10' Feet. And please don't put any metal object or any obstacle between the path of the mobile phone

and the unit.

• PAIRING

1) On the mobile phone, select the Bluetooth set up. (Please refer to the instruction manual of your mobile phone on how to operate Bluetooth.)

2) "Pyle Audio" should appear in the list on your mobile phone, please select "Pyle Audio" and then input password "0000".

3) When successfully paired, the BT mark will be displayed on LCD.

• Answering / rejecting an incoming call

When there is an incoming phone call:

Press  key to answer the call.

Press  key to reject the call.

• Hang up a call

When you have finished the conversation, press:

 key to hang up this call.

• Call out

You have to use your mobile phone to call out.

• Disconnect/Connect Bluetooth

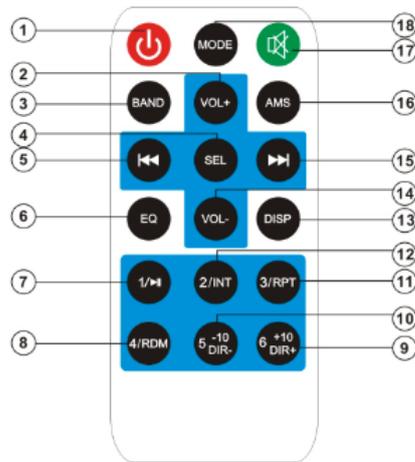
Press and hold  key for 3 seconds to disconnect the bluetooth between the mobile phone and the unit. Press and hold it again to connect bluetooth again.

• Bluetooth audio (A2DP function)

Press **MODE** key (3) it will show "BT" on the display. Then turn on the music player of the mobile phone and playing a song. The sound will come out from the speaker of the unit.

Press  key to pause/play the song. Press  button (2) or  button (1) to select next/previous song.

REMOTE CONTROL



FUNCTION KEY & CONTROL

- | | |
|---|---|
| 1.  | Power ON/OFF Button. |
| 2. VOL+ | Volume up button. |
| 3. BAND | Band Select Button. |
| 4. SEL | Sound Mode Select Button |
| 5.  | Radio mode: seek/turn down station. MP3 mode: skip to the previous file or fast reverse. |
| 6. EQ | Press it to select desired audio equalization. |
| 7.  | Radio mode: Preset number 1. MP3 mode: Pause/playing file. |
| 8. 4/RDM | Radio mode: Preset number 4 MP3 mode: Turn on/off the random function. |
| 9. 6/+10/DIR+: | Radio mode: Preset number 6. MP3 mode: press for next directory. press and hold for +10 songs function). |
| 10. 5/-10/DIR-: | Radio mode: Preset number 5. MP3 mode: press for previous directory. press and hold for -10 songs function) |
| 11. 3/RPT | Radio mode: Preset number 3. MP3 mode: Repeat one/all. |
| 12. 2/INT | Radio mode: Preset number 2. MP3 mode: Turn on/off the INTRO function. |
| 13. DISP | Press DISP to show the time. |
| 14. VOL- | Volume down button. |
| 15.  | Radio mode: seek/turn up station. MP3 mode: skip to the next file or fast forward. |
| 16. AMS | Same as the AS/PS function. See page 10 MP3 mode: File search function. |
| 17.  | Press to mute the sound. Press it again to recover the Sound. |
| 18. MODE | Press to change the source. |

SPECIFICATION

GENERAL

| | |
|---------------------------|--------------------------------|
| Power Supply Requirements | : DC 12 Volts, Negative Ground |
| Chassis Dimensions | : 178 (W) x 64 (D) x 50 (H) |
| Tone Controls | |
| - Bass (at 100 Hz) | : ± 10 dB |
| - Treble (at 10 kHz) | : ± 10 dB |
| Maximum Output Power | : 2 x 3 watts |
| Current Drain | : 3 Ampere (max.) |

RADIO

FM

| | |
|------------------------|--------------------|
| Frequency Coverage | 87.5 to 107.9 MHz. |
| IF | 10.7 MHz |
| Sensitivity (S/N=30dB) | 4 μ V |
| Stereo Separation | >25dB |

AM

| | |
|------------------------|----------------|
| Frequency Coverage | 530 to 1710KHz |
| IF | 450 kHz |
| Sensitivity (S/N=20dB) | 36 dBuV |

TROUBLE SHOOTING

Before going through the checklist, check wiring connection. If any of the problems persist after checklist has been made, consult your nearest service dealer.

| Symptom | Cause | Solution |
|---|--|---|
| No power. | The car ignition switch is not on. | If the power supply is connected to the car accessory circuits, but the engine is not moving, switch the ignition key to "ACC". |
| | The fuse is blown. | Replace the fuse. |
| No sound. | Volume is on minimum | Adjust volume to a desired level. |
| | Wiring is not properly connected. | Check wiring connection. |
| The operation keys do not work. | The built-in microcomputer is not operating properly due to noise. | Press the reset button. |
| 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. |