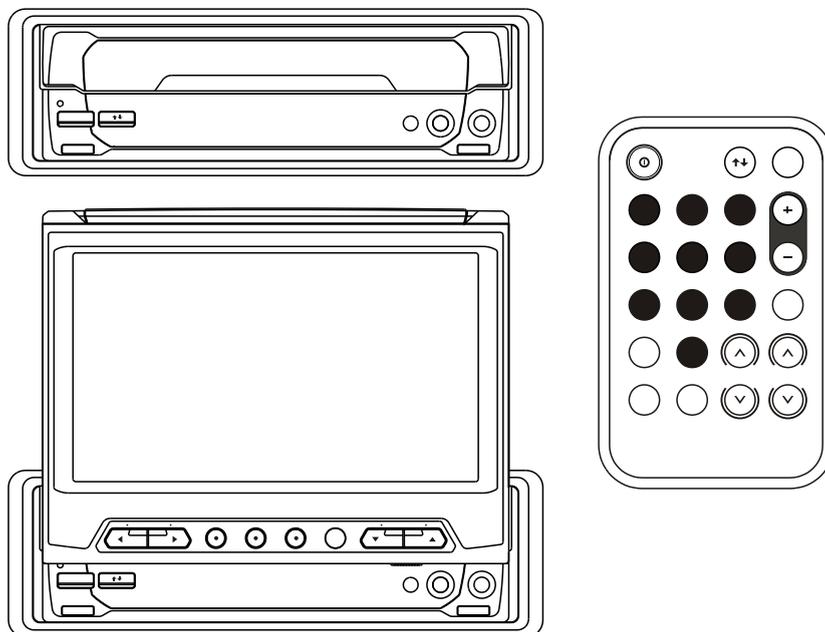


PYLE®

PLTV165

OWNER'S MANUAL

Mobile Video System



- **Vertical Adjustable And Horizontal Rotatable Panel**
- **TFT Monitor With TV Tuner**
- **Remote Control**

www.pyleaudio.com

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IMPORTANT SAFETY INSTRUCTION

CAUTION:

Please read and observe all warnings and instructions given in this owner's manual.

Keep these instructions. Retain this booklet for future reference.

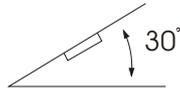
Please read the following safety instructions carefully.

1. This set has been designed and manufactured to assure personal safety. Improper use can result in electric shock or fire hazard. The safeguards incorporated in this unit protect you if you observe the following procedures for installation, use and servicing. This unit doesn't contain any parts that can be repaired by the user.
2. The monitor is operated automatically. Do not draw the monitor out or turn it upward or downward manually. Otherwise, the mechanism construction may be harmed to some degree.
3. When you operate the monitor with the remote handset, do not touch the monitor by your hands. It may harm your fingers.

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 up 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, like an emergency 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.

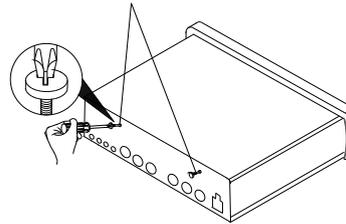
DIN FRONT/REAR-MOUNT

This unit can be properly installed either from "Front"(conventional DIN Front-mount) or "Rear"(DIN Rear-mount installation, utilizing threaded screw holes at the sides of the unit chassis). For details, refer to the following illustrated installation methods.

TAKE OUT SCREW BEFORE INSTALLATION

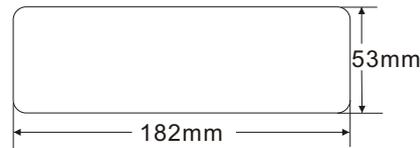
Before install the unit, please remove the two screws on the back of the unit.

Take out screw before installation.



DIN FRONT-MOUNT (Method A) Installation Opening

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

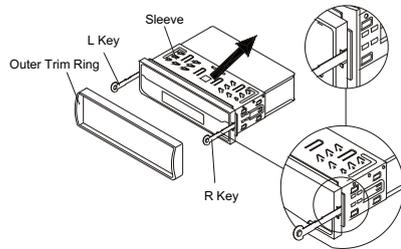


Installing the unit

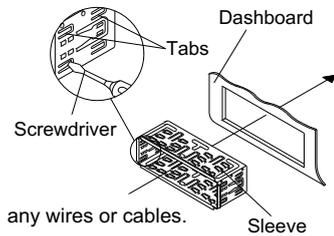
Be sure you test all connections first, and then follow these steps to install the unit.

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. Lift the top of the outer trim ring then pull it out to remove it.
4. The two supplied keys release tabs inside the unit's sleeve so you can remove it. One key is for the right side and the other is for the left side. Insert the keys as far as they will go (with the notches facing up) into the appropriate slots at the middle left and right sides of the unit. Then slide the sleeve off the back of the unit.

INSTALLATION

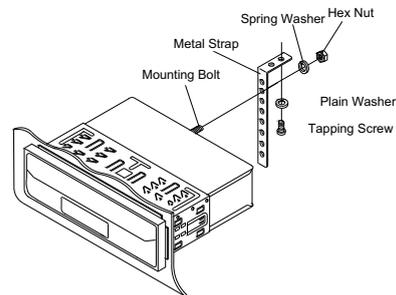


5. Mount the sleeve by inserting the sleeve into the opening of the dashboard and bend open the tabs located around the sleeve with a screwdriver. Not all tabs will be able to make contact, so examine which ones will be most effective. Bending open the appropriate tabs behind the dashboard to secure the sleeve in place.



6. Reconnect the wire harness and the antenna and be careful not to pinch any wires or cables.
7. Slide the unit into the sleeve until it locks into place.
8. To further secure the unit, use the supplied metal strap to secure the back of the unit in place. Use the supplied hardware (Hex Nut (5mm) and Spring Washer) to attach one end of the strap to the mounting bolt on the back of the unit. If necessary, bend the metal strap to fit your vehicle's mounting area. Then use the supplied hardware

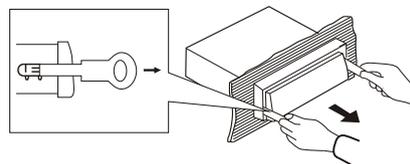
(Tapping Screw (5x25mm) and Plain Washer) to attach the other end of metal strap to a solid metal part of the vehicle under the dashboard. This strap also helps ensure proper electrical grounding of the unit.



9. Reconnect the cable to the vehicle battery's negative (-) terminal. Then replace the out trim ring.

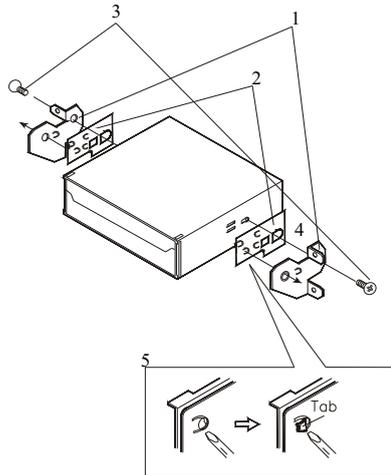
Removing the unit

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).
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.



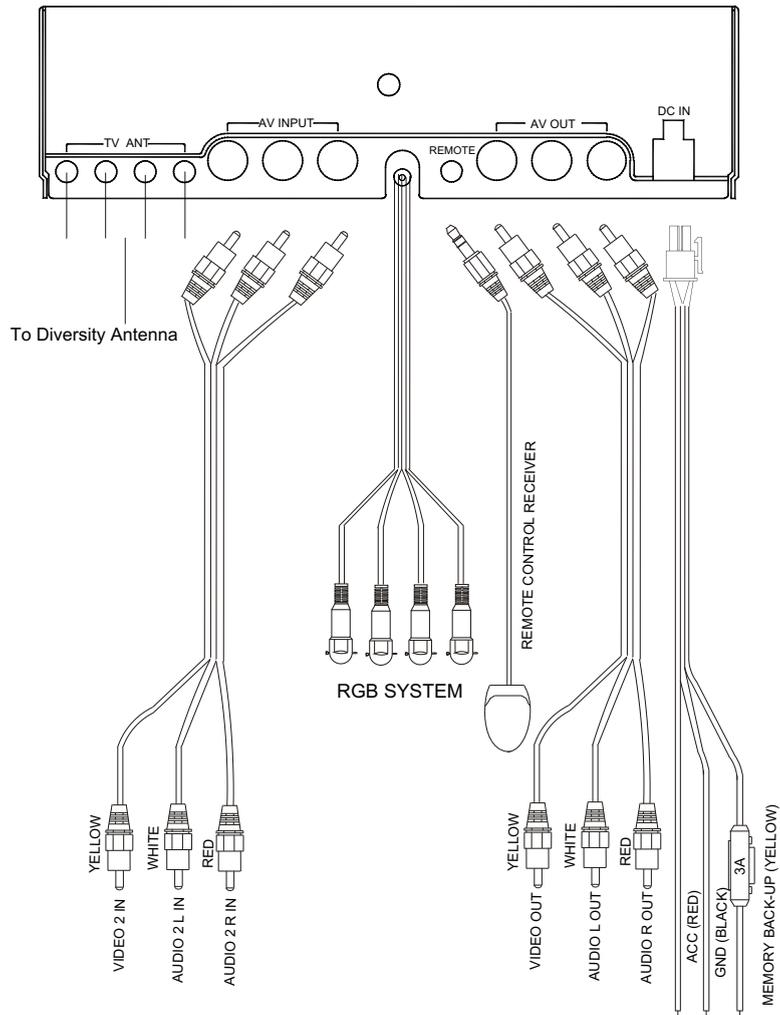
INSTALLATION

DIN REAR-MOUNT (Method B)



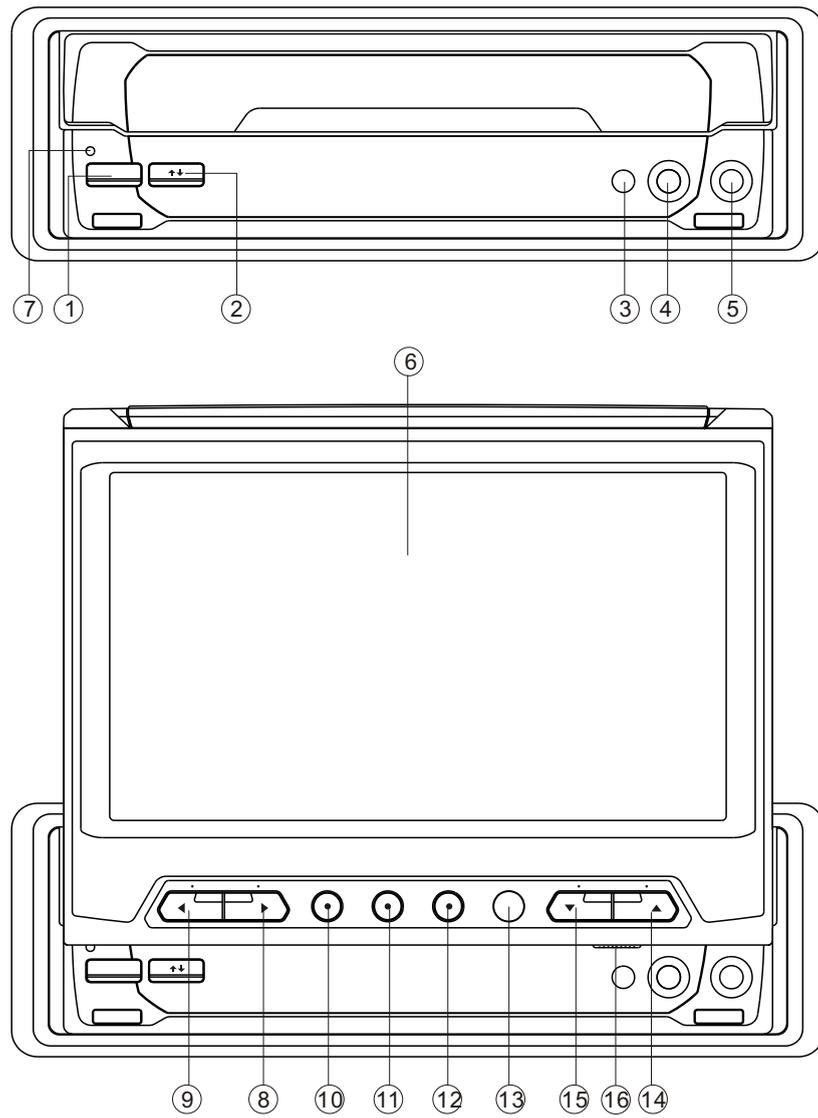
1. Factory radio mounting bracket
2. Car radio mounting bracket
3. Screw
4. After aligning the car radio mounting bracket with the factory radio mounting bracket, tighten the screws (5x5mm) at 2 places on each side.
5. When fix the factory radio mounting bracket with the screws, use a standard-tipped screwdriver to open the tabs of the car radio mounting bracket to make them fit into the holes in the factory radio mounting bracket.

ELECTRICAL CONNECTION



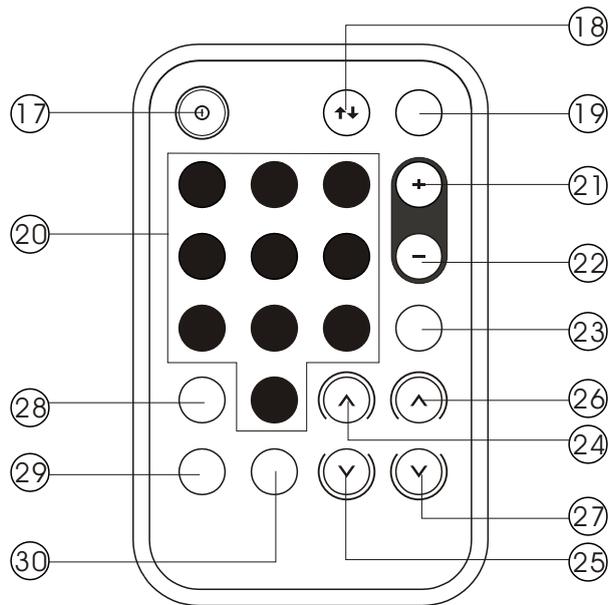
OPERATION

LOCATION AND FUNCTION OF KEYS



OPERATION

LOCATION AND FUNCTION OF KEYS



- | | |
|-------------------------------------|-------------------------|
| 1. ⏻/⏪ POWER | 17. POWER |
| 2. OPEN/CLOSE | 18. OPEN/CLOSE |
| 3. IR | 19. TV/AV |
| 4. AUDIO IN (AV1) | 20. 0~9 Numeric buttons |
| 5. VIDEO IN (AV1) | 21. ANGLE+ |
| 6. 6.5 inch MULTI COLOR TFT MONITOR | 22. ANGLE- |
| 7. Reset | 23. AUTO |
| 8. VOLUME ▶ | 24. VOLUME ▲ |
| 9. VOLUME ◀ | 25. VOLUME ▼ |
| 10. MENU | 26. CHANNEL ▲ |
| 11. TV/AV | 27. CHANNEL ▼ |
| 12. AUTO | 28. -/-- |
| 13. IR | 29. DSP |
| 14. CHANNEL ▲ | 30. MENU |
| 15. CHANNEL ▼ | |
| 16. 4:3/16:9 Selector | |

OPERATION

SWITCHING ON/OFF THE UNIT

Switch on the unit by pressing **POWER** button (1) on the front panel or **POWER** button (17) on the remote control. When system is on, press it again to turn the unit off.

OPEN/CLOSE THE MONITOR AND ANGLE ADJUSTMENT

- Press **OPEN/CLOSE** button (2) on the front panel or point the remote control to **IR** (3) on the front panel and press **OPEN/CLOSE** button (18), the monitor will stretch automatically.

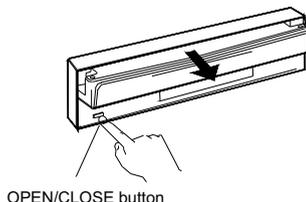


Fig.1

When the monitor stretches to a certain location, it will turn upward automatically and stop at vertical position.

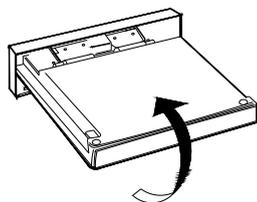


Fig.2

- Adjusting the viewing angle. When the monitor doesn't move, you can press **ANGLE+** button (21) or **ANGLE** button (22) on the remote control to turn the monitor upward or downward at fine steps to get a desired viewing angle. And you can rotate the monitor left and right from the central viewing position at a certain angle range manually. Don't rotate the monitor forcibly to avoid mechanical damage.

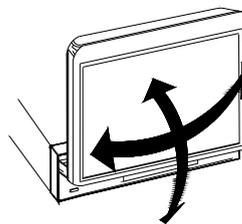


Fig.3

- Return the monitor to the central viewing position, then press **OPEN/CLOSE** button (2) on the front panel or press **OPEN/CLOSE** button (18) on the remote control, the monitor will turn downward automatically.

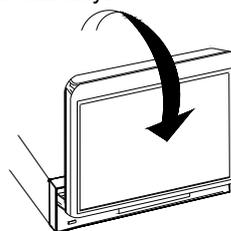


Fig.4

When the monitor turns downward to a certain angle, it will draw in.

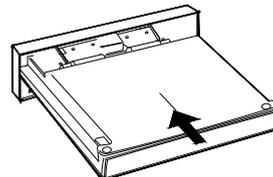


Fig.5

REMOTE SENSOR

There is a remote sensor **IR** (3) on the front panel. On the monitor, there is another remote sensor **IR** (13) to receive remote control signal. You can point the remote control handset to **IR** (3) (when the monitor doesn't stretch out) or **IR** (13) (when the monitor stretches out) and press function keys on the remote control to control the TV unit.

The unit is also connected to an external remote receiver (See the electrical connection diagrams on Page 7), and the function is the same with **IR** (3) and (13).

OPERATION

Notes:

- The external remote receiver is placed near the monitor for the best to receiver remote signal easily.
- If the angle of the monitor from vertical exceeds $\pm 20^\circ$ (Especially the distance exceeds 3m.), controlling the TV through IR (3) or (13) cannot get good effect. You are suggested to use the external remote receiver.

6.5 inch TFT DISPLAY

When the monitor stretches out, the 6.5 inch color TFT display (6) can show the current state of the unit.

RESET FUNCTION

Reset button (7) 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: When the monitor stretches out and on the central viewing position, activate the reset button (7), the monitor will turn downward and draw in automatically.

TV OPERATION

When the monitor stretches out, you can operate the unit by using the current menu displayed on the 6.5 inch color TFT display (6).

● Selecting receiving mode

In TV mode, press **TV/AV** button (11) on the monitor panel or **TV/AV** button (19) on the remote control to select among TV/ AV1/AV2/RGB. The corresponding state will show on the TFT display (5).

● Selecting channel

- Press **CHANNEL▲** button (14) on the front panel or **CHANNEL▲** (26) button on remote control to choose channel upward and or

Press **CHANNEL** button (15) or **CHANNEL** (27) button on remote control to choose channel downward.

- The numeric buttons (0,1~9) (20) allow you to select the corresponding channel directly.
- Press digital select button (-/--) (28) cooperatively used with numeric buttons to select channel desired. For example, when you want select 16 channel, press -/-- (28) to switch between "-" and "--", when the "--" appears on the display, you can press "1" button then press "6" button to select 16 channel.

● Menu Function

Press **MENU** button (10) on the front panel or **MENU** button (30) on the remote control, the menu will show on the display (6).

(For the unit with NTSC system):

MENU	
COLOR	40
BRIGHT	40
CONTRAST	40
TINT	40
-----■-----	

Press **CHANNEL▲/▼** (14&15) on the front panel or **CHANNEL▲/▼** buttons (26&27) on the remote control to select the item upward or downward. Then press **VOLUME▶/◀** (8&9) on the front panel or **VOLUME▲/▼** buttons (24&25) on the remote control to adjust the selected item. The corresponding value will show on the display.

OPERATION

- **Auto Searching channels**
Press **AUTO** button (12) on the monitor panel or **AUTO** button (23) on the remote control to enter into auto searching mode, then press **CHANNEL ▲** button (14) on the monitor panel or **CHANNEL ▲** button (26) on remote control to start searching TV channels. Then press **CHANNEL ▼** button (15) on the monitor panel for about one seconds or press **CHANNEL ▼** button (27) on the remote control to stop searching.
- **Volume adjustment**
Press **VOLUME ◀▶** buttons (8&9) or **VOLUME ▲/▼** buttons (24&25) to adjust volume level.
- **Screen display**
Press **DSP** button (29) on remote control to display the current status such as TVch /AV1/AV2. If you don't operate for over 5 seconds, the information on the screen will disappear.
- **4:3/16:9 Selector**
Slide the 4:3/16:9 switch (16) on the monitor panel to select appropriate TV aspect (4:3 or 16:9).

SPECIFICATION

GENERAL

Power Supply Requirements: : DC 12 Volts, Negative Ground

TV

Monitor Screen Size : 6.5" TFT
Resolution : 1440x234 dots
TV Sensitivity : 40dB μ

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88-T1990-02