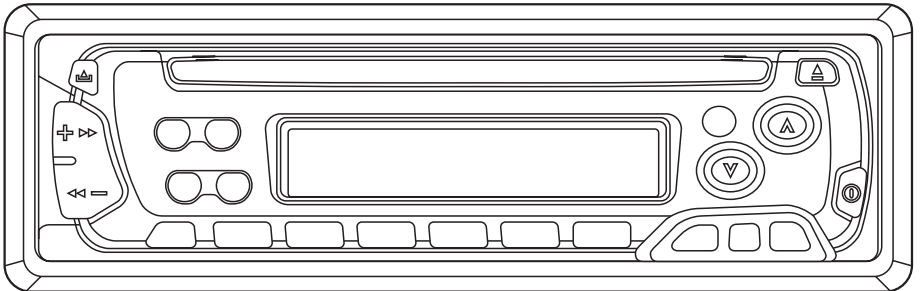# PYLE®

OWNER'S MANUAL

PLCD32

PLL SYNTHESIZER STEREO RADIO WITH COMPACT DISC PLAYER DIGITAL

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.


30°
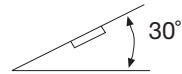
• Avoid installing the unit where it would be subject to high temperature, such as from direct sunlight, or from hot air, from the heater, or where it would be subject to dust, dirt or excessive vibration.

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.

DIN FRONT-MOUNT (Method A)

Installation the unit

(Fig. 1)
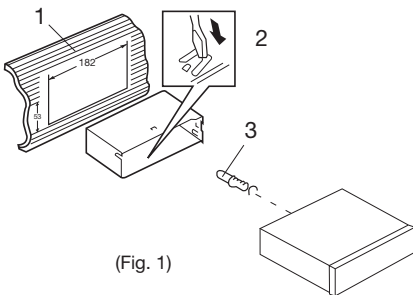
1. Dashboard

2. Holder
   After inserting the holder into the dashboard, select the appropriate tab according to the thickness of the dashboard material and bend them inwards to secure the holder in place.

3. Screw
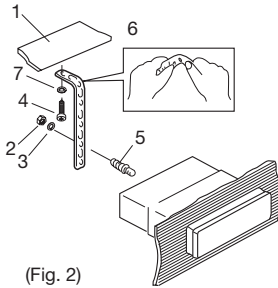
(Fig. 2)

1. Dashboard
2. Nut (5mm)
3. Spring washer
4. Screw (5 x 25mm)
5. Screw
6. Strap
   Be sure to use the strap to secure the back of the unit in place. The strap can be bent by hand to the desired angle.
7. Plain washer

Removing the unit
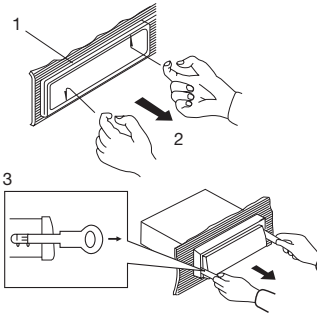
1. Frame
2. Insert fingers into the groove in the front of frame and pull out to remove the frame. (When reattaching the frame, point the side with a groove downwards and attach it.)
3. Lever
   Insert the levers supplied with the unit into the grooves at both sides of the unit as shown in figure until they click. Pulling the levers makes it possible to remove the unit from the dashboard.

DIN REAR-MOUNT (Method B)

Installation using the screw holes on the sides of the unit.
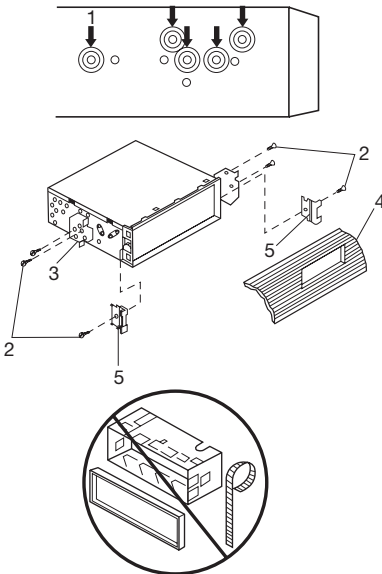
Fastening the unit to the factory radio mounting bracket.

1. Select a position where the screw holes of the bracket and the screw holes of the main unit become aligned (are fitted), and tighten the screws at 2 places on each side.
   Use either truss screws (5 x 5mm) or flush surface screws (4 x 5mm), depending on the shape of the screw holes in the bracket.
2. Screw
3. Factory radio mounting bracket
4. Dashboard or Console
5. Hook (Remove this part)

Note: The mounting box, outer trim ring, and half-sleeve are not used for method B installation.

HOW TO REMOVE AND INSTALL THE FRONT PANEL

1. Press the release button and pull-off the front panel.
   Keep front panel into the case.

2. To install the front panel, insert the panel into the housing and make sure the panel is properly installed, otherwise, abnormalities occurs on the display or some keys will not function properly.

REMOVING THE FRONT PANEL

Front Panel

Release Button
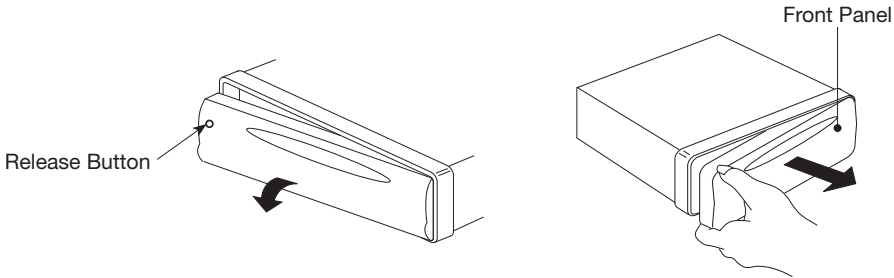
INSTALLING THE FRONT PANEL
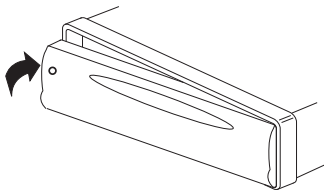
WIRING CONNECTION
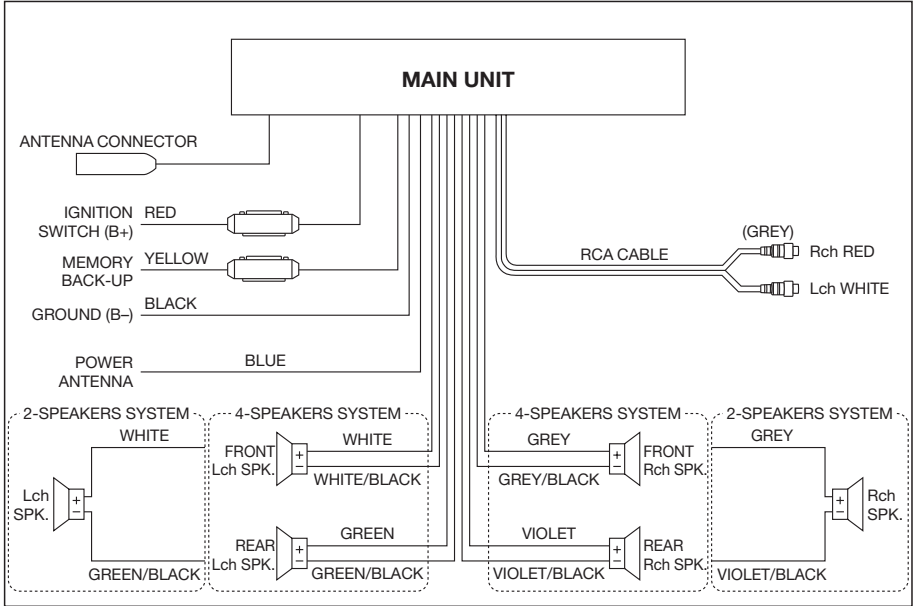
Note:
1. For 2-speakers system, green, violet, white/black and grey/black wire leads are unconnected and isolated.
2. For 2-speakers system, keep the fader indicator at center position to maintain the existing volume level.

OPERATION
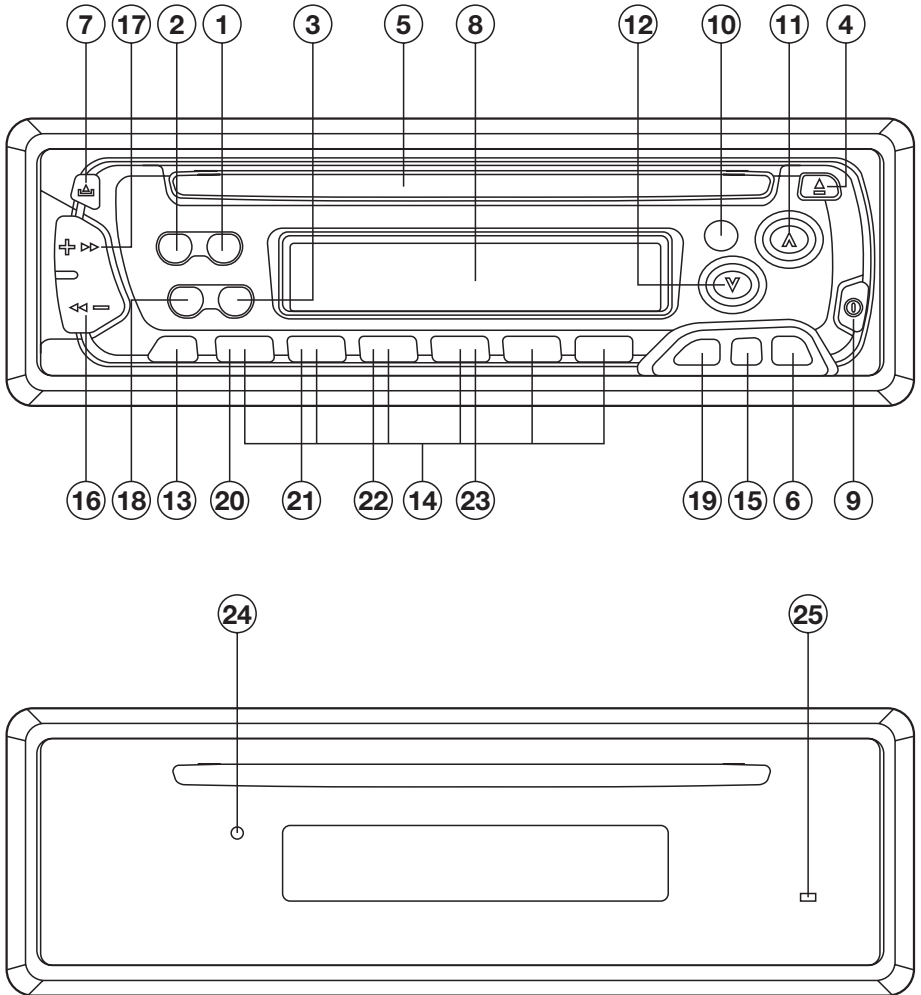
GENERAL OPERATION

- **ON/OFF**
  Switch on the unit by pressing any button [except ⏏ button (4) and **RELEASE** button (7)]. When system is on, press ⏻ button (9) to turn off the unit.

- **FACEPLATE RELEASE**
  Press **RELEASE** button (7) to detach the removable faceplate.

- **SOUND ADJUSTMENT**
  Press **SEL** button (10) to select the desired adjustment mode.
  The adjustment mode will change in the following order:

  ┌─► Volume ─► Bass ─► Treble ─► Balance ─► Fader ─┐
  └──┘

  By pressing **VOL** ⋀ button (11) or **VOL** ⋁ button (12), it is possible to adjust the desired sound quality.

- **LOUDNESS**
  Press **BND/LOU** button (13) for several seconds to reinforce the bass output and display will show **"LOUD"**. Press it for several seconds again to release this function.

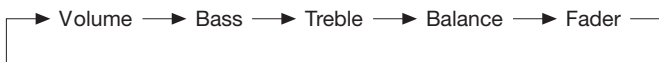- **SET THE CLOCK**
  Holding down the **DSP** button (15) until the clock is shown on the LCD display and flashed. Then press the **TUNE/SEEK/TRACK** ⊹▷▷ button (17) to change hours or **TUNE/SEEK/TRACK** ◁◁═ button (16) to change minutes.

- **SELECT MODE**
  Press **MOD** button (6) to choose desired listening mode.
  (e.g. radio mode to CD mode)

- **MUTE**
  Press **MUT** button (3) to silence the receiver. Press it again to resume listening.

- **LIQUID CRYSTAL DISPLAY**
  Exhibit current frequency and activated functions on the display (8).

- **EQUALIZATION**
  Press **EQ** button (19) to turn on equalization function and to select desired audio mode. There are five kinds of mode as below:

  ┌─► FLAT ─► CLASSICS ─► POP M ─► ROCK M ─► DSP OFF ─┐
  └──┘
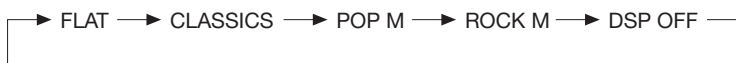
- **FLASHING LED**
  If the front panel does not install in the unit, the **LED** (24) will be flashing.

- **RESET**
  RESET button (25) must be activated with either a ball point pen or thin metal object. **RESET** button (25) 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 (25), the unit can't work yet, please use a cotton swab soaked in isopropyl alcohol to clean the socket on the back of the front panel.

RADIO OPERATION

- **BAND SELECTION**
  At tuner mode, press **BND/LOU** button (13) shortly to select the desired band.
  The reception band will change in the following order:

  ➤ FM1 ➤ FM2 ➤ FM3 ➤ AM

- **STATION SELECTION**
  Press **TUNE/SEEK/TRACK** ◁◁= button (16) or **TUNE/SEEK/TRACK** ⊕▷▷ button
  (17) shortly to activate automatic seek function. Press for several seconds until
  "MANUAL" appeared on the display, the manual tuning mode is selected. If both
  buttons have not pressed for several seconds, they will retune to seek tuning mode
  and **"AUTO"** appeared on the display.

- **LOCAL/DISTANCE**
  Press **LOC** button (2) to select between local and distant stations.
  Local setting for reception of strong station, and a distant setting for reception of
  weaker stations. This function is effect during AUTO SEEK operation.

- **AUTOMATICALLY MEMORY STORING & PROGRAM SCANNING**

  - Automatically Memory Storing
    Press **AMS** button (18) for several seconds, the radio searches from the current
    frequency and checks the signal strength until one cycle search is finished.
    And then 6 strongest stations are stored into the corresponding preset number
    button.

  - Program Scanning
    Press **AMS** button (18) shortly to scan preset station. When the field strength
    level is more than the threshold level of stop level, the radio is holding at that
    preset number for several seconds with releasing mute, then searches again.

- **STATION STORING**
  Press any one of the preset buttons (14) (M1 to M6) to select a station which had
  been stored in the memory. Press this button for several seconds, current station
  is stored into the number button.

- **MONO/STEREO**
  Press **MON** button (1) to select mono or stereo mode. You can sometimes improve
  reception of distant stations by selection mono operation.

CD OPERATION

- **SELECT TRACKS**
  Press **TUNE/SEEK/TRACK** ◁◁ᵔ button (16) or **TUNE/SEEK/TRACK** ⊕▷▷ button (17) to move to the previous track or the following track. Track number shows on display.
  Hold **TUNE/SEEK/TRACK** ◁◁ᵔ button (16) or **TUNE/SEEK/TRACK** ⊕▷▷ button (17) to fast reverse or fast forward. CD play starts from when you release the button.

- **PAUSE PLAYING**
  Press **PAU** button (20) to pause CD player. Press it again to resume play.

- **REPEAT THE SAME TRACK**
  Press **RPT** button (22) to continuously repeat the same track. Press again to stop repeat.

- **PREVIEW ALL TRACKS**
  Press **SCN** button (21) to play first several seconds of each track on the current disc. Press again to stop intro and listen to track.

- **PLAY ALL TRACKS IN RANDOM**
  Press **SHF** button (23) to play all tracks on CD in random order. Press again to cancel the function.

- **EJECT**
  Press ⏏ button (4) to stop CD playing and eject the disc from the disc slot (5).

SPECIFICATION

GENERAL
Power Supply Requirements	: DC 12 Volts, Negative Ground
Chassis Dimensions	: 178 (W) x 165 (D) x 50 (H)
Tone Controls	
- Bass (at 100 Hz)	: + 10 dB / – 10 dB
- Treble (at 10 KHz)	: + 10 dB / – 10 dB
Maximum Output Power	: 40W x 4 (ch)
Current Drain	: 5 Ampere (max.)

CD PLAYER
Signal to Noise Ratio	: More than 60 dB
Channel Separation	: More than 60 dB
Frequency Response	: 20 Hz - 20 KHz

RADIO

FM
Frequency Coverage	: 87.5 to 107.9 MHz
IF	: 10.7 MHz
Sensitivity (S/N = 30 dB)	: 3 µV
Stereo Separation	: > 30 dB

AM
Frequency Coverage	: 530 to 1710 KHz
IF	: 450 KHz
Sensitivity (S/N = 20 dB)	: 32 dBu

TROUBLE SHOOTING

Before going through the check list, check wiring connection. If any of the problems persist after check list 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 properly 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.
Disc cannot be loaded or ejected.	Presence of CD disc inside the player.	Remove the disc in the player, then put a new one.
	Inserting the disc in reverse direction.	Insert the compact disc with the label facing upward.
	Compact disc is extremely dirty or defective disc.	Clean the disc or try to play a new one.
	Temperature inside the car is too high.	Cool off or until the ambient temperature return to normal.
	Condensation.	Leave the player off for an hour or so, then try again.
No sound.	Volume is in minimum.	Adjust volume to a desired level.
	Wiring is not properly connected.	Check wiring connection.
Sound skips.	The installation angle is more than 30 degrees.	Adjust the installation angle less than 30 degrees.
	The disc is extremely dirty or defective disc.	Clean the compact disc, then try to play a new one.
The operation keys do not work.	The built-in microcomputer is not operating properly due to noise.	Press the RESET button. Front panel is not properly fixed into its place.
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.

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