

Pyle PLRVST400

Pyle PLRVST400 Double DIN In-Dash Car Stereo Head Unit Instruction Manual

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Pyle PLRVST400 Double DIN In-Dash Car Stereo Head Unit. This versatile audio and video receiver system is designed for universal standard console or wall panel installation, making it suitable for RVs, travel trailers, motor homes, and campers. It features Bluetooth connectivity, a CD/DVD player, MP3/USB playback, AM/FM radio, and a 3-zone audio control system.

2. SAFETY INFORMATION

- Ensure proper wiring connections to prevent electrical shorts or damage.
- Do not operate the unit in a manner that distracts you from driving.
- Avoid exposing the unit to extreme temperatures, moisture, or direct sunlight.
- Refer all servicing to qualified personnel.
- Always disconnect the vehicle's battery before performing any installation or wiring.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Pyle PLRVST400 A/V Receiver System
- Power & Wiring Harness
- Remote Control
- Mounting Hardware (screws)



Image 3.1: Pyle PLRVST400 unit, remote control, and wiring harness.

4. SETUP AND INSTALLATION

The PLRVST400 is designed for universal Double DIN installation in a console or wall panel. Proper installation requires careful attention to wiring connections.

4.1 Wiring Connections

Use the included power and wiring harness to connect the unit to your vehicle's electrical system and speakers. Refer to the wiring diagram provided with the harness for specific connections. Ensure all connections are secure to prevent intermittent operation or damage.

- **Power (Yellow B+):** Connect to constant 12V power.
- **Accessory (Red ACC):** Connect to switched 12V power (ignition).
- **Ground (Black):** Connect to vehicle chassis ground.
- **Speaker Outputs:** Connect to your vehicle's speakers, observing polarity.
- **RCA Audio/Video:** Use for external audio/video input or output connections.

Audio + Video Digital Mobile Receiver System

Technical Specification

MAX Power Output: 4 x 50 Watt
Universal Size Standard: Double DIN
Sound Mode: Stereo/Mono
Frequency Response: 40Hz-18kHz (+/-3dB)

Impedance: 4 Ohm
S/N Ratio: 60dB
Stereo Separation: >50dB, @ 1kHz



Image 4.1: Rear view of the Pyle PLRVST400, illustrating the various input and output ports for wiring.

4.2 Mounting

Secure the unit into the Double DIN opening using the provided mounting hardware. Ensure the unit is firmly seated and does not obstruct any vehicle controls.



Image 4.2: The Pyle PLRVST400 unit installed in an RV wall panel, demonstrating a typical mounting scenario.

5. OPERATING INSTRUCTIONS

The PLRVST400 features a user-friendly interface with front panel controls and a remote control for convenient operation.



Image 5.1: Front panel of the Pyle PLRVST400 with its accompanying remote control, highlighting key buttons and the LCD display.

5.1 Basic Controls

- **ON/OFF:** Press to power the unit on or off.
- **DIM:** Adjusts the brightness of the LCD display.
- **PUSH PWR/SEL Knob:** Press to select functions or confirm settings. Rotate to adjust volume or navigate menus.
- **MODE:** Cycles through available audio sources (Radio, CD/DVD, USB, AUX, Bluetooth).
- **SET:** Accesses system settings and configuration options.

5.2 Bluetooth Connectivity

The unit features built-in Bluetooth for wireless audio streaming.

1. Ensure Bluetooth is enabled on your mobile device (smartphone, tablet, etc.).
2. Select 'Bluetooth' as the source on the PLRVST400 using the MODE button.
3. Search for available Bluetooth devices on your mobile device. The unit will appear as 'Pyle Audio' or similar.
4. Select the unit to pair. The default Bluetooth network password is '0000' (four zeroes).
5. Once paired, you can stream audio wirelessly from your device to the PLRVST400.

5.3 CD/DVD Player

Insert a compatible CD or DVD into the disc slot. The unit will automatically detect the disc and begin playback. Supported disc types include CD-R, CD-RW, VCD, DVD, and MP3-CD.

5.4 Radio Operation

Press the MODE button to select 'Radio'.

- **AM/FM:** Use the band button (often labeled 'WB BAND' or similar) to switch between AM, FM, and Weatherband frequencies.
- **Tuning:** Use the seek buttons (◀◀ / ▶▶) to automatically search for stations. Manual tuning may be available through the SET menu or by holding seek buttons.
- **Presets:** Store up to 30 radio stations using the numbered preset buttons (1-6). To save a station, tune to it, then press and hold a preset button until you hear a confirmation beep.
- **Weatherband (WB):** Access weather alerts and information on the Weatherband frequency.

5.5 USB Playback

Insert a USB flash drive (up to 32GB) into the USB port. The unit supports MP3 and WMA audio files. Playback will begin automatically or can be selected via the MODE button.

5.6 AUX Input

Connect external audio devices using the RCA (L/R) audio input connectors or a 3.5mm jack. Select 'AUX' as the source via the MODE button.

5.7 3-Zone Audio Control

The unit features a multi-speaker '3-zone' audio source feature, allowing you to control three separate speaker zones. Use the A, B, and C buttons on the front panel to select and manage audio output for each zone independently.

5.8 Sound Configuration

Access sound settings through the SET menu. Adjust Bass/Treble levels (+/-10dB) and other equalizer settings to customize your audio experience.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the unit's front panel. Do not use abrasive cleaners or solvents.
- **Disc Care:** Handle CDs and DVDs by their edges. Keep discs clean and free of scratches to ensure optimal playback.
- **USB Port:** Keep the USB port free of dust and debris.

7. TROUBLESHOOTING

If you encounter issues with your PLRVST400, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
Unit does not power on.	Check power connections (Yellow B+ and Red ACC). Ensure both are connected to a 12V source. Some installations may require twisting the Yellow B+ and Red ACC wires together and connecting both to constant 12V power. Check the ground connection. Verify vehicle's fuse.
No sound from speakers.	Check speaker wiring connections and polarity. Ensure the correct audio source is selected. Verify volume level is not at minimum or muted. Check 3-zone audio settings (A, B, C buttons) to ensure desired zones are active.

Problem	Possible Cause / Solution
Bluetooth connection issues.	Ensure the unit is in Bluetooth mode. Verify Bluetooth is enabled on your mobile device and within range (30+ ft). Try unpairing and re-pairing the device. Confirm the correct password ('0000') is used.
Disc playback errors.	Ensure the disc is clean and free of scratches or damage. Verify the disc type is compatible (CD-R, CD-RW, VCD, DVD, MP3-CD).
Remote control not working.	Check the battery in the remote control. Ensure there are no obstructions between the remote and the unit's IR sensor.
Volume control issues (e.g., too loud at lowest setting).	This can sometimes occur due to specific audio source or zone settings. Adjust individual zone levels if available, then control overall volume.

8. SPECIFICATIONS




Feature	Specification
Model Number	PLRVST400
MAX Power Output	4 x 50 Watt
Universal Size Standard	Double DIN
Sound Mode	Stereo/Mono
Frequency Response	40Hz-18kHz (+/-3dB)
Impedance	4 Ohm
S/N Ratio	60dB
Stereo Separation	>50dB, @ 1kHz
Tone Control	Bass/Treble +/-10dB
Radio	PLL Synthesizer Stereo Radio, Weatherband
Electronic Shockproof (ESP)	Function included
Maximum USB Flash Support	32GB
Radio Station Memory	Up to 30 Presets
Digital Audio File Support	MP3, WMA
Digital Video File Support	MP4, AVI, MOV, MPG, FLV, XVID
CD/DVD Disc Compatibility	CD-R, CD-RW, VCD, DVD, MP3-CD
Power	DC 12V
Current Drain/Power Consumption	10 Amp (Max.)




Feature	Specification
Chassis Dimensions	7.0" x 6.3" x 3.9"
Product Dimensions	7.13 x 6.3 x 10.52 inches
Item Weight	4 pounds
Connectivity Technology	Bluetooth
Controller Type	Hand Control (Remote)
Compatible Devices	Smartphone, Speaker, Tablet
Connector Type	3.5mm Jack, HDMI, RCA, USB Type A
Audio Output Mode	Stereo, Mono
Surround Sound Channel Configuration	3.0

9. WARRANTY AND SUPPORT

Warranty information for the Pyle PLRVST400 is typically provided with your purchase documentation. For specific warranty details, claims, or technical support, please refer to the official Pyle website or contact Pyle customer service directly. Keep your proof of purchase for warranty purposes.

Related Documents - PLRVST400

 <p>Model: PLDNB78i 7" Touchscreen Double DIN Stereo Receiver Headunit</p>	<p>Pyle PLDNB78i 7-inch Touchscreen Double DIN Stereo Receiver Headunit User Manual</p> <p>User manual for the Pyle PLDNB78i 7-inch touchscreen Double DIN stereo receiver headunit, covering installation, operation, features, and troubleshooting. Visit PyleAudio.com for more information.</p>
 <p>Model: PD3000BT 3000 Watt 4-Channel Pro Audio Stereo Receiver and Home Theater Preamplifier with Wireless BT streaming, CD/DVD player, USB reader, AM/FM radio, and microphone inputs.</p>	<p>Pyle PD3000BT Wireless BT Home Theater Preamplifier - 3000 Watt Pro Audio Stereo Receiver</p> <p>User manual for the Pyle PD3000BT, a 3000 Watt 4-Channel Pro Audio Stereo Receiver and Home Theater Preamplifier with Wireless BT streaming, CD/DVD player, USB reader, AM/FM radio, and microphone inputs. Includes setup, operation, playback, and troubleshooting guides.</p>
 <p>Model: PLRUB69 6.5" Touchscreen Double DIN Stereo Receiver Headunit</p>	<p>Pyle PLRUB69 6.5-inch Touchscreen Double DIN Stereo Receiver User Manual</p> <p>User manual for the Pyle PLRUB69 6.5-inch Touchscreen Double DIN Stereo Receiver Headunit, covering installation, operation, features, and troubleshooting.</p>

	<p>Pyle PLDNB78i 7" Touchscreen Double DIN Stereo Receiver Headunit User Manual</p> <p>Comprehensive user manual for the Pyle PLDNB78i, a 7-inch touchscreen Double DIN stereo receiver headunit. Includes installation guides, operation instructions, features, and troubleshooting tips for your car audio system.</p>
	<p>Pyle PLDAND110 Android Stereo Receiver & DVR Dash Cam System Kit User's Manual</p> <p>Comprehensive user manual for the Pyle PLDAND110 Android Stereo Receiver & DVR Dash Cam System Kit, featuring a 10-inch touchscreen, Google Play Store, Wi-Fi, Bluetooth, CD/DVD player, and double DIN installation. Includes installation guides, troubleshooting, and technical specifications.</p>
	<p>Pyle PD1000BA - PD3000BA Home Theater Wireless BT Streaming Preamplifier Receiver User Manual</p> <p>User manual for the Pyle PD1000BA and PD3000BA Home Theater Wireless BT Streaming Preamplifier Receivers. Features include Bluetooth audio streaming, CD/DVD playback, AM/FM radio, and USB connectivity. Find setup, operation, and troubleshooting guides.</p>