



## PYLE PDA7BU Home Theater Amplifier Audio Receiver Sound System User Manual

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# PYLE

[PyleUSA.com](http://PyleUSA.com)



### PDA7BU Home Theater Amplifier Audio Receiver Sound System USER MANUAL

#### **WARNING!**

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER OF THIS UNIT. THERE ARE NO USER-SERVICEABLE PARTS INSIDE. REFER ALL SERVICING TO A QUALIFIED TECHNICIAN.



The lightning flash with an arrow head symbol within an equilateral triangle is intended to alert the user to the presence of "dangerous" voltage within the product's enclosure that may be of sufficient magnitude to

constitute a risk of Electric shock to humans. Users should exhibit extra safety when this symbol appears in this instruction manual and follow all precautions as they are stated.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in this manual.

1. Read these instructions thoroughly before using this item.
2. Keep these instructions for future reference.
3. Heed all warnings.
4. Follow all instructions.
5. **WARNING:** To prevent fire or electric shock, do not expose this equipment to rain or moisture. Do not store or operate this product near any liquids.
6. Clean only with a dry cloth.
7. Do not store or operate this product near any heat sources such as radiators, heat registers, stoves, or other apparatuses (including amplifiers) that produce heat.
8. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades one wider than the other. A grounding plug has two blades and a round grounding prong.  
The wide blade or third prong is provided for your safety. If the provided plug does not fit your outlet, consult an electrician for the replacement of the obsolete outlet.
9. Protect all wires connected to this unit from being walked on or pinched, particularly plugs and the point where they exit from the unit. When removing the cord from the power outlet, remove it by holding the plug not by pulling the cord.
10. Unplug the unit during lightning storms or when unused for long periods of time.
11. When wiring this unit and all other equipment used in connection to this unit make sure that all of your equipment is turned OFF.
12. Once installation and wiring are complete power on all your equipment with the volume and level controls turned DOWN. Once all the equipment is ON slowly raise the volume or level controls to their proper positions.
13. When grounding this unit, be sure to do so correctly, so as not to defeat the built-in grounding in this unit.
14. Before placing, installing, rigging, or suspending any product, inspect all hardware, suspension, cabinets, transducers, brackets, and associated equipment for damage. Any missing, corroded, deformed, or non-load rated component could significantly reduce the strength of the installation, placement, or array. Any such condition severely reduces the safety of the installation and should be immediately corrected. Use only hardware which is rated for the loading conditions of the installation and any possible short-term, unexpected overloading. Never exceed the rating of the hardware or equipment.
15. Consult a licensed, professional engineer regarding physical equipment installation. Ensure that all local, state, and national regulations regarding the safety and operation of the equipment are understood and adhered to.
16. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

## **Introduction**

To get the most from your PDA7BU, it is recommended that you review all of the information provided in the instruction manual before operating the equipment.

## PDA7BU FRONT & BACK PANEL



1. **POWER SWITCH:** Switch to power the unit on and off.
2. **MICROPHONE ECHO KNOB:** Adjust the depth of the echo effect by increasing or decreasing the level by turning this knob.
3. **MICROPHONE VOLUME KNOB:** Turn this knob to adjust the volume of the microphone
4. **USB PORT/SD CARD SLOT:** Insert a USB mass storage device or SD Card to play Mp3 files.  
**NOTE:** The USB input is ONLY meant to connect a USB flash drive (thumb drive). Connecting an MP3 player or computer directly to the USB flash drive input will result in the unit failing to play the audio from those devices.
5. **REMOTE RECEIVER WINDOW:** To receive the remote control signal.
6. **MICROPHONE INPUT 1 JACK:** MIC 1 Input Jack for connecting an unbalanced low impedance microphone with a 1/4" TRS plug.
7. **MICROPHONE INPUT 2 JACK:** MIC 2 Input Jack for connecting an unbalanced low impedance microphone with a 1/4" plug.
8. **LCD DISPLAY SCREEN**



### 1. REPEAT NAME AND MODE NAME

The word FOLDER will flash on the screen in FOLDER mode.

When the REPEAT button is pressed, there will be 6 different displays depending on the setting you choose from ALL, NORMAL, SINGLE, FOLDER, RANDOM, and BROWSE. Displays BLUETOOTH in Bluetooth mode. Display FM in the FM mode.

### 2. SOURCE NAME

The display will show U in USB mode, the display will show S when playing in SD card mode. Press the mode button to switch from one input to the other.

### 3. TRACK NUMBER NAME

Displays track number with the current playing track.

### 4. TRACK NAME

Displays the file name of the current track.

Displays the folder name of the current folder in the folder mode.

Displays connection status with the Bluetooth mode.

Displays the **FM** channel number name and channel frequencies in the FM mode.

Displays **EQ** name in the **USB/SD** mode.

Displays **NO DISK** without USB or SD **CARD** in the USB/SD mode.

### 5. ELAPSED TIME

Displays the playing time of the current track in minutes or seconds.

### 6. BASS CONTROL KNOB:

Permits you to tailor the low frequencies processed. Turn it in the center position, the sound is unaffected ("flat").

### 7. TREBLE CONTROL KNOB:

Permits you to tailor the high frequencies processed. Turn it in the center position, the sound is unaffected ("flat").

### 8. BALANCE KNOB:

To adjust the Left channel or Right channel input level.

### 9. MASTER VOLUME KNOB:

Turn this knob to adjust the master volume, and increase or decrease the level.  
Please turn it in the MIN position before turning ON the unit.

### 10. SUBWOOFER VOLUME KNOB:

To adjust the volume of subwoofer output

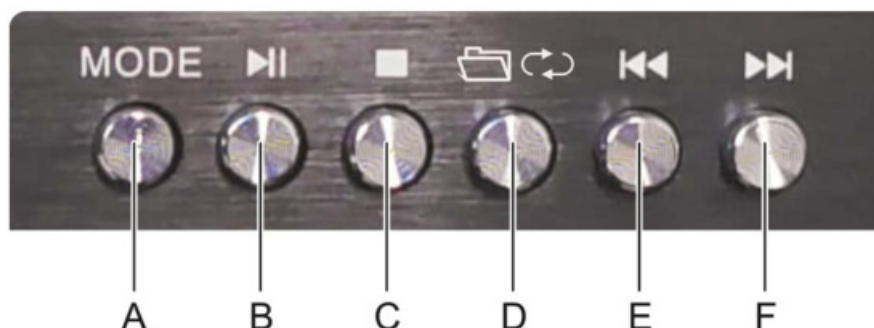
### 11. SOURCE SWITCH:

Turn this switch to choose the input source to play.

### 12. 1/8" TRS JACK:

Connects to an MP3 player or iPod with a 1/8" TRS plug.

### 13. CONTROL BUTTONS



**A. MODE BUTTON:** Press this button to select one from play mode with USB/SD mode, FM mode, and Bluetooth mode, automatically set in USB/SD mode after turning on the unit, automatically play mp3 files after inserting a USB flash driver or SD card.

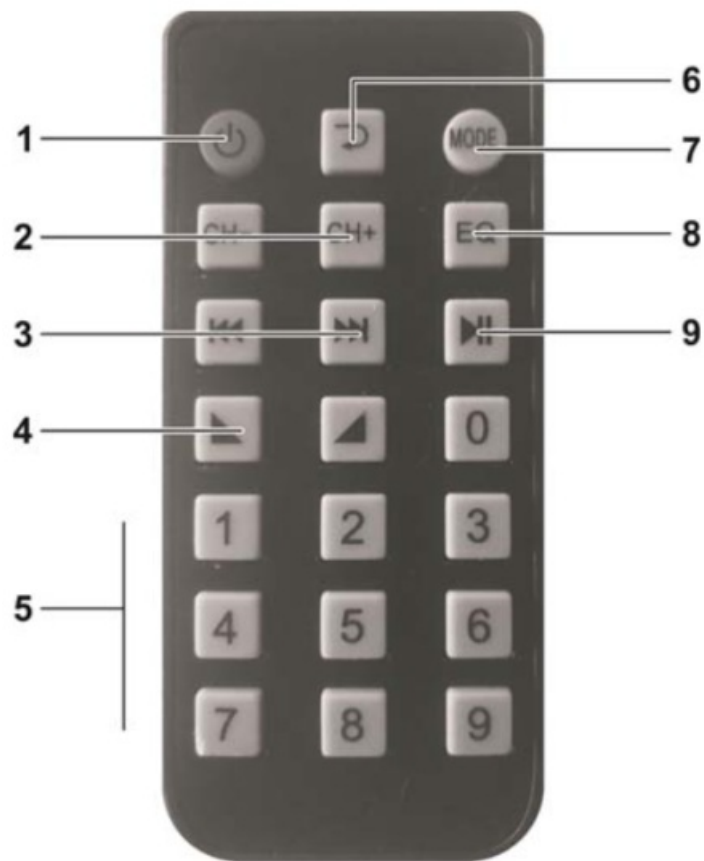
### CONNECT TO BLUETOOTH DEVICES

1. Press the **MODE** button to choose Bluetooth mode, which displays **BLUETOOTH** on the screen.
2. Set your Bluetooth device to "Discoverable." This will allow your device to discover the **PDA7BU** or **BT**.

3. Select the **PDA7BU** or **BT** Bluetooth name and wait for the device to pair.
4. The **PDA7BU** will emit a noise confirming that the devices have successfully paired and the screen will display **"BLUETOOTH CONNECTED"**
5. Once paired you can play music from your Bluetooth device. You can also use the control buttons on the unit to select the tracks from your Bluetooth device.
- B. PLAY/PAUSE BUTTON:** Each press of the **PLAY/PAUSE BUTTON** causes the operation to change from play to pause or from pause to play in the **USB/SD mode** or **BLUETOOTH** mode.  
Presses the **PLAY/PAUSE BUTTON** one time to auto-scan all frequencies from 87. **5MHz to 108MHz**, the unit will auto store the channel.
- C. STOP BUTTON:** Press this button to stop playing in the **USB/SO** mode.
- D. REPEAT/FOLDER BUTTON:** This button allows you to set one of repeat mode with **ALL NORMAL SINGLE, RANDOM, FOLDER** and **BROWSE** in the **USB/SD** mode.  
**ALL:** All tracks in the **USB** or **SD CARD** will be repeated in order without interruption.  
**NORMAL:** All tracks in the **USB** or **SD CARD** will be played in order without interruption, the unit will stop working after playing the last track.  
**SINGLE:** Repeat the track that was playing. **FOLDER:** All tracks in the current folder will be repeated in order without interruption.  
**RANDOM:** All tracks in the **USB** or **SD CARD** will be played at random.  
**BROWSE:** All tacks in the **USB** or **SD CARD** will be played 10 seconds in order without interruption. Hold this button for 3 seconds into **FOLDER** mode, the word **FOLDER** will flash on the screen, press **PREV** or **NEXT BUTTON** to search through the folder, press again or hold this button for 3 seconds will exit the **FOLDER** mode, or the unit will auto exit the **FOLDER** mode after waiting for 5 seconds.
- E. PREV BUTTON:** Use this button to select previous track or folder, depending on these two different modes as below.  
\* **In TRACK mode:** Use to select the previous track  
\* **In FOLDER mode:** Use to select the previous folder.
- F. NEXT BUTTON:** Use this button to select the next track or folder, depending on these two different modes as below.  
\* **In TRACK mode:** Use to select the next track.  
\* **In FOLDER mode:** Use to select next folder.
17. **RCA SUBWOOFER OUTPUT:** To connect with the extra active subwoofer power amplifier.
18. **AUDIO INPUT:** Connect the audio output RCA jacks of DVD/CD, to these RCA jacks.
19. **SURROUND AND CENTER OUTPUT:** Connect with the surround and center speaker by connecting with those spring-loaded speaker terminals.
20. **MASTER OUTPUT:** To use the combo screw-type banana plug speaker jacks to connect with the L/R speaker.
21. **BLUETOOTH ANTENNA:** Please pull the antenna out when using Bluetooth input
22. **FM ANTENNA CONNECTOR:** Connect for FM antennas.
23. **POWER SUPPLY:** Connect to AC power socket.
24. **POWER VOLTAGE SELECTOR:** According to the current power voltage, push this switch to choose 110V or 220V.

## REMOTE CONTROL

1. Press this button to turn on the MP3
2. In FM mode, press these two buttons to select the previous or next channel.
3. Press these two buttons to select the previous or next track in **USB or SD** or Bluetooth mode
4. Volume up or down
5. Press the numbers to select the tracks directly. The unit takes 1-2 seconds to respond in **USB** or **SD** mode.
6. Press this button to select the different repeat modes. Pressing this button for more than 3 seconds will enter into **FOLDER** searching
7. Press this button to select the playing mode, such as **USB/SD/FM/BLUETOOTH**
8. EQ function, if the mp3 with EQ
9. Play and pause function for MP3



## Main Features

- RackMount Amplifier Receiver
- 2.1 Channel Audio Amp Design with Surround and Center Speaker Outputs
- Bluetooth Wireless Audio Streaming Ability
- USB Flash & SDMemory Card Readers
- FM Radio with Digital LCD Display
- 1D3 Tag Readout Displays Song Title
- Folder name displays
- Folder search
- Aux (3.5mm) Input Jack
- Connect & Stream Audio from External Devices
- Multi-Source RCA (L/R) Audio Input Connectors
- 1/4"Microphone Inputs
- Spring-Loaded Speaker Terminals
- Combo Screw-Type Banana Plug Speaker Jacks
- RCA Subwoofer Output
- Front Panel Button Control Center
- Independent Input Source Selectable
- Bass, Treble, Balance, Source Volume Adjustable
- Includes Removable RackMount Brackets

## Bluetooth Connectivity

- Built-in Wireless Music Streaming Receiver
- Compatible with All of Your Favorite Bluetooth Devices (iPhone, Androids, Smartphones, iPad, Tablets, etc.)
- Bluetooth Version: 2.1
- Bluetooth Network Name: "PDA7BU" or "BT"
- Wireless Range: 30'+ ft.

## What's in the Box

- Amplifier Receiver
- Remote Control
- Detachable Hardware Rack Mounts
- FM antenna
- Manual
- Warranty card

## Technical Specs

- Input current: 30mA
- Construction Material: Metal, Aluminum Alloy Panel
- Frequency response: 20-20KHz, +/-2dB
- S/N Ratio: >85dB
- T.H.D.: <1.0%
- Input sensitivity: 200mV (Max Output: 6000mV)
- Maximum USB Flash & SD Memory Card Support Size: 32GB
- Digital Media File Support: MP3, WAV
- Battery Operated Remote Control, Requires 3V
- Lithium Battery • Power Cable Length: 4.5'ft.
- Power: 110/240V, Switchable
- Dimensions (L x W x H): 19.0" x 9.8" x 2.2"



**VISIT US ONLINE:**

Have a question?

Need service or repair?

Want to leave a comment?

[PyleUSA.com/ContactUs](https://PyleUSA.com/ContactUs)

### FCC Warning Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna. Increase the separation between the equipment and receiver.

– Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

– Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### RF Exposure Statement

To maintain compliance with FCC's RF exposure guidelines, This equipment should be installed and operated at a minimum distance of 20 cm from the radiator of your body. This device and its antenna(s) must not be co-located or operated in conjunction with any other antenna or transmitter.


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### Documents / Resources

	<p><a href="#">PYLE PDA7BU Home Theater Amplifier Audio Receiver Sound System</a> [pdf] User Manual PDA7BU, 2ASQD-PDA7BU, 2ASQDPDA7BU, PDA7BU Home Theater Amplifier Audio Receiver Sound System, Home Theater Amplifier Audio Receiver Sound System</p>
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### References

- [P Pyle USA Electronics | Home Audio | Car Audio & More](#)