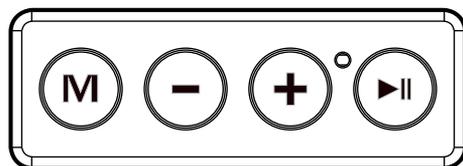
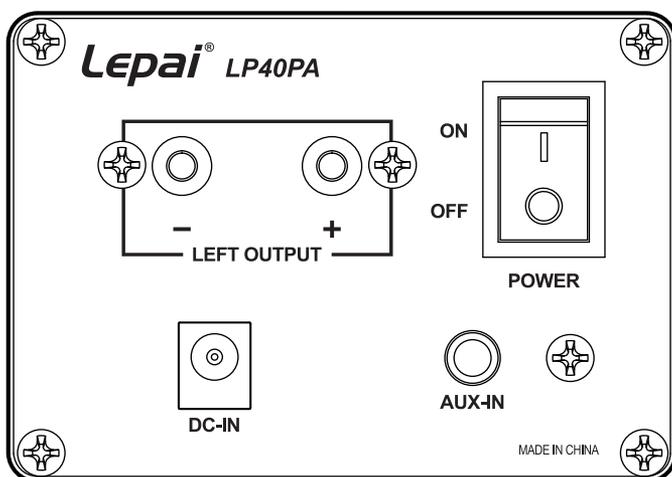


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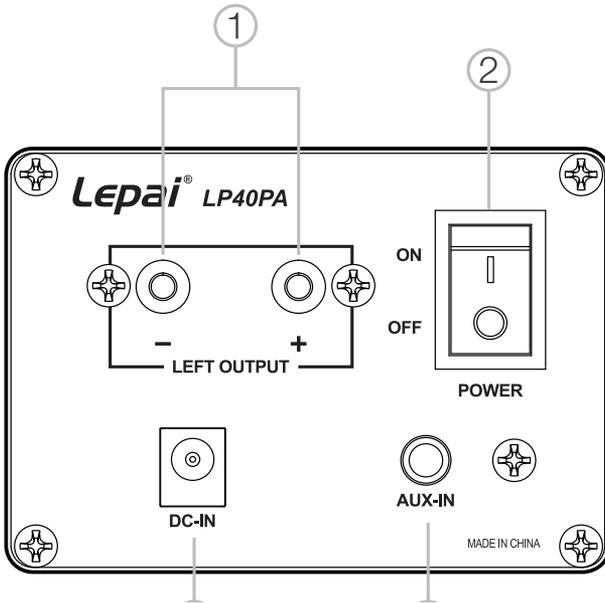
## Mini Stereo Plate Amplifier with Bluetooth and Control Panel



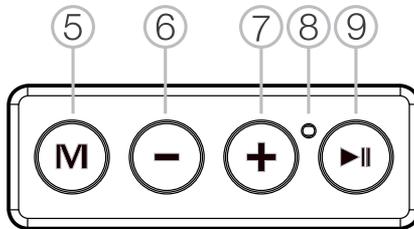
**Model: LP40PA**  
**OPERATING MANUAL**

# INTRODUCTION

The Lepai LP40PA Mini Stereo Plate Amplifier provides clean Class D power for your speaker building projects, and is also perfect for repairing existing powered speakers or retrofitting as an upgrade to your favorite bookshelf speakers. 40 watts of power will drive your speakers to very satisfying volume levels, while 3.5 mm input and Bluetooth will make your speakers easy to use in any common application.



*Front View of Amplifier*



*Control Panel*

## AMP PANEL

- 1. Output for left speaker
- 2. Power switch
- 3. Power input
- 4. Auxiliary input

## REAR PANEL

- 5. Mode
- 6. Press - Volume Down / Hold - Skip Back
- 7. Press - Volume Up / Hold - Skip Forward
- 8. LED status indicator
- 9. Play/Pause

## AMPLIFIER AND CONTROL PANEL INSTALLATION

The plate amp panel requires a cutout 2.75" x 1.75" (70 x 45 mm) with at least 2.625" (67 mm) depth. Mount the plate to your right speaker cabinet, and connect the included output leads to the terminals of your speaker or crossover network, observing correct polarity.

The control panel requires a cutout approximately 2.6" x 0.79" with at least 1" depth. The control panel is press-fit, and uses no mounting hardware. Different materials will have various degrees of "give" or resistance to the pressure fit of the panel. Therefore, you may wish to cut a test hole(s) in a piece of scrap material to ensure a proper fit, and only cut the hole in your finished cabinet once this has been determined.

Connect the control panel to the amp panel using the included leads, then press the control panel into place.

## CONNECTING YOUR SPEAKERS

With the power turned OFF, use high quality wire for the connection between the right and left speakers. For distances up to 10 feet, conventional 18AWG wire is acceptable. For longer runs, heavier wire should be used. For proper performance please observe correct polarity.

## BLUETOOTH CONNECTION

Turn the power switch ON. The speaker will enter pairing mode, and the LED indicator will flash blue quickly. Open the Bluetooth menu on your device and select "LP40PA". You will hear two beeps when pairing is complete, and the LED will remain solid blue.

## AUX CONNECTION

Plug your device into the AUX jack on the right speaker using a 3.5 mm stereo cable (not included). The LED indicator will light solid red to indicate AUX connection.

**PLEASE NOTE:** for the best sound quality in Bluetooth or AUX mode, we recommend that your device's volume level be set no higher than 90%.

## SPECIFICATIONS

Power Output:	20W x 2 RMS; 40W x 2 peak
Minimum impedance:	4 ohms
Power input:	18VDC, 2A (AC adapter included)
Frequency response:	20 - 20,000 Hz
THD + N:	<0.7%
Bluetooth version:	4.2
Bluetooth range:	Up to 30 meters

**1-year limited warranty**  
See [lepaiaudio.com](http://lepaiaudio.com) for details

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