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Lepy LP-V3S

Lepy LP-V3S Digital Stereo Amplifier User Manual

Model: LP-V3S

INTRODUCTION

Thank you for purchasing the Lepy LP-V3S Digital Stereo Amplifier. This manual provides essential information for the safe and efficient operation of your amplifier. Please read it thoroughly before use and retain it for future reference.

IMPORTANT SAFETY INSTRUCTIONS

- Do not expose this appliance to rain or moisture.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Only use attachments/accessories specified by the manufacturer.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way.
- Ensure proper power supply (DC 12-13.5V 3A) to prevent damage.
- The unit is equipped with output circuit overload protection.

PACKAGE CONTENTS

Please check that all items are present:

- 1 x Lepy LP-V3S Amplifier

- (Note: Power adapter is not included and must be purchased separately.)

PRODUCT OVERVIEW

The Lepy LP-V3S is a compact digital stereo amplifier designed for various audio sources such as PCs, MP3 players, and mobile phones. It features the TA8254 chip for powerful and original amplified sound.

Front Panel Controls



Image 1: Front view of the Lepy LP-V3S amplifier, showing the power switch, Tone/Direct switch, Treble knob, Bass knob, and Volume knob.

1. **POWER Switch:** Turns the amplifier ON or OFF.
2. **TONE / DIRECT Switch:** Selects between Tone control mode (Treble and Bass knobs active) and Direct mode (tone controls bypassed for a flat frequency response).
3. **TREBLE Knob:** Adjusts the high-frequency response.
4. **BASS Knob:** Adjusts the low-frequency response.

5. **VOLUME Knob:** Controls the overall output volume.

Rear Panel Connections



Image 2: Rear view of the Lepy LP-V3S amplifier, displaying the RCA audio input, speaker terminals, and DC power input.

1. **AUDIO INPUT (RCA):** Connect your audio source (e.g., PC, MP3 player, phone) using RCA cables.
2. **SPEAKER IMPEDANCE 4-8Ω:** Connect your passive speakers to these terminals. Ensure correct polarity (+ to + and - to -).
3. **POWER INPUT (DC 12-13.5V):** Connect the external DC power adapter (not included).

SETUP GUIDE

1. **Connect Speakers:** Connect your passive speakers to the "SPEAKER IMPEDANCE 4-8Ω" terminals on the rear panel. Ensure the positive (+) terminal of the amplifier connects to the positive (+) terminal of the speaker, and the negative (-) terminal of the amplifier connects to the negative (-) terminal of the speaker. Incorrect polarity can affect sound quality.

2. **Connect Audio Source:** Use an RCA cable to connect your audio source (e.g., PC, MP3 player, smartphone via adapter) to the "AUDIO INPUT" RCA jacks on the rear panel.
3. **Connect Power:** Connect a compatible DC 12-13.5V 3A power adapter (not included) to the "POWER INPUT" jack on the rear panel. Then, plug the power adapter into a wall outlet.
4. **Initial Power On:** Ensure the VOLUME knob is set to minimum before turning on the amplifier.



Image 3: A perspective view of the Lepy LP-V3S amplifier, illustrating its compact size and the layout of front controls and rear connections.

OPERATION

1. **Power On:** Press the POWER switch on the front panel to turn on the amplifier. The power indicator light will illuminate.
2. **Adjust Volume:** Slowly turn the VOLUME knob clockwise to increase the sound level to your desired listening volume.
3. **Tone Control:**

- Set the TONE / DIRECT switch to **TONE** position to enable bass and treble adjustments.
 - Use the **BASS** knob to adjust the low-frequency response.
 - Use the **TREBLE** knob to adjust the high-frequency response.
4. **Direct Mode:** Set the TONE / DIRECT switch to **DIRECT** position to bypass the tone control circuit. This provides a flat frequency response, often preferred by audiophiles for a more "pure" sound.
 5. **Power Off:** When finished, turn the VOLUME knob to minimum, then press the POWER switch to turn off the amplifier.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the amplifier. Do not use liquid cleaners or aerosols.
- **Ventilation:** Ensure the amplifier has adequate ventilation. Do not cover the ventilation slots.
- **Storage:** If storing the amplifier for an extended period, disconnect it from the power source and store it in a cool, dry place.
- **Avoid Moisture:** Keep the amplifier away from water and excessive humidity.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound output.	Amplifier not powered on. Volume knob set to minimum. Audio source not connected or not playing. Speakers not connected correctly or faulty. Incorrect power adapter.	Press the POWER switch. Increase the VOLUME. Check audio source connection and playback. Verify speaker connections and test speakers. Ensure power adapter is DC 12-13.5V 3A.
Distorted sound.	Volume too high. Audio source signal too strong. Speaker impedance mismatch.	Reduce the VOLUME. Lower the volume on your audio source. Ensure speakers are 4-8 ohms.
No power indicator light.	Power adapter not connected or faulty. Wall outlet not supplying power.	Check power adapter connection and functionality. Test the wall outlet with another device.

SPECIFICATIONS

Model	LP-V3S
Input Voltage	DC 12-13.5V 3A
Output Power	20W x 2 RMS
Speaker Impedance	2-8 ohms
Frequency Response	20Hz-20KHz
Total Harmonic Distortion (THD)	<0.4%
Signal-to-Noise Ratio (SNR)	>80dB
Dimensions (L x W x H)	140 x 118 x 38 mm (approx. 14 x 11.8 x 4.1 cm)
Weight	274 g (approx. 250 grams)
Audio Inputs	AUX, RCA
Chipset	TA8254

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided at the time of purchase or contact your retailer. Keep your proof of purchase for any warranty claims.