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› [DollaTek](#) /

› [DollaTek LEPY LP-838 Car Audio Stereo Amplifier User Manual](#)

DollaTek LP-838

DollaTek LEPY LP-838 Car Audio Stereo Amplifier User Manual

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your DollaTek LEPY LP-838 2.1 Channel Car Audio Stereo Amplifier. Please read this manual thoroughly before using the product to ensure proper function and longevity.

The LEPY LP-838 is a compact 2.1 channel stereo amplifier designed for car audio systems, featuring a dedicated subwoofer output. It utilizes high-fidelity power ICs and quality components for clear audio reproduction with minimal noise. The durable anodized aluminum oxide casing helps prevent interference. This amplifier is suitable for various audio setups requiring a compact and efficient power solution.

2. PRODUCT FEATURES

- High-fidelity power IC for enhanced audio amplification.
- Optimized circuit design for very low line noise.
- High-quality components for reliable performance.
- Anodized aluminum oxide (AAO) metal casing to prevent interference.
- Compact size for easy installation in various applications, including cars, motorcycles, and boats.

3. PACKAGE CONTENTS

Please check the package for the following items:

- 1 x LEPY LP-838 Amplifier (Black)
- 1 x DollaTek LED Light (Accessory)
- 1 x 3A Power Adapter (if included in your specific kit)

4. SPECIFICATIONS

Input Power	DC 12V-18V ≥3A
Output Power	15W x 2 (Stereo) + 20W x 1 (Subwoofer)
Total Output Power	50 Watts
Speaker Impedance	4-8Ω
Frequency Response	20Hz - 20KHz
THD Minimum	<4%
SNR	> 80 dB
Input Sensitivity	270mV
Input Impedance	47KOhm
Dimensions (L x W x H)	15.4 x 12.9 x 3.9 cm
Material	Metal
Number of Channels	3
Certifications	CE, FCC

5. SETUP

Follow these steps to properly set up your LEPY LP-838 amplifier:

- Power Connection:** Connect the DC 12V-18V power adapter (≥3A) to the 'DC12V3A' input port on the rear of the amplifier. Ensure the power source is off before connecting.
- Speaker Connections:**
 - Connect your left and right stereo speakers to the 'R+' 'R-' and 'L+' 'L-' terminals respectively. Ensure correct polarity (+ to + and - to -).
 - Connect your subwoofer to the 'SUBWOOFER INTERFACE' terminals. Again, observe correct polarity.

Image: Rear view of the LEPY LP-838 amplifier showing power and speaker connections.



This image displays the rear panel of the amplifier, highlighting the DC power input, the red and black terminals for left and right stereo speakers, and the green connector for the subwoofer output. The labels 'DC12V3A', 'L+', 'L-', 'R+', 'R-', and 'SUBWOOFER INTERFACE' are visible.

3. Audio Input Connection:

- For standard stereo input, connect your audio source (e.g., car stereo, MP3 player, phone) to the 'L' (Left) and 'R' (Right) RCA input jacks on the rear panel.
- Alternatively, for MP3 input, use the 3.5mm jack on the front panel.

Image: Front view of the LEPY LP-838 amplifier with controls and MP3 input.



This image shows the front panel of the amplifier, featuring the power toggle switch, a 3.5mm MP3 input jack, and rotary knobs for adjusting Master Volume, Bass, and Treble levels.

6. OPERATING INSTRUCTIONS

Once all connections are secure, you can begin operating your amplifier:

- Power On:** Flip the 'POWER' switch on the front panel to the 'ON' position. The LED indicator will illuminate.
- Volume Adjustment:** Use the 'VOLUME' knob on the front panel to adjust the overall sound level.
- Tone Control:** Adjust the 'BASS' and 'TREBLE' knobs to fine-tune the low and high frequencies according to your preference.
- MP3 Input:** If using the front 3.5mm MP3 input, ensure no RCA cables are connected to the rear input, or select the appropriate input source if your unit has a selector (this model typically auto-switches or prioritizes the 3.5mm input).
- Power Off:** Flip the 'POWER' switch to the 'OFF' position when not in use.

7. MAINTENANCE

To ensure optimal performance and longevity of your amplifier, follow these maintenance guidelines:

- Cleaning:** Use a soft, dry cloth to clean the exterior of the amplifier. Do not use liquid cleaners or solvents.
- Ventilation:** Ensure the amplifier has adequate ventilation. Do not block the heat sinks or place the unit in an enclosed space without airflow.
- Environment:** Avoid exposing the amplifier to excessive moisture, dust, or extreme temperatures.
- Connections:** Periodically check all cable connections to ensure they are secure and free from corrosion.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No sound output	<ul style="list-style-type: none">Power not connected or turned on.Incorrect speaker connections.Audio source not connected or playing.Volume knob set too low.	<ul style="list-style-type: none">Check power adapter and switch.Verify speaker wiring polarity and secure connections.Ensure audio source is active and connected to the correct input.Increase the 'VOLUME' knob.
Distorted sound	<ul style="list-style-type: none">Volume too high.Incorrect impedance speakers.Poor audio source quality.	<ul style="list-style-type: none">Reduce volume.Ensure speakers match 4-8Ω impedance.Test with a different audio source.
Humming or buzzing noise	<ul style="list-style-type: none">Ground loop issue.Loose connections.Interference from other electronics.	<ul style="list-style-type: none">Ensure proper grounding.Check all audio and power connections.Move amplifier away from other electronic devices.
Subwoofer volume independent of main volume	This model may have separate gain stages for subwoofer and main channels.	Adjust the 'BASS' knob to control the subwoofer output. Some users may find external inline attenuators useful for fine-tuning if the bass is too dominant.

If the problem persists after trying these solutions, please contact customer support.

9. WARRANTY INFORMATION

The DollaTek LEPY LP-838 amplifier comes with a limited warranty. The specific duration and terms of the warranty may vary. Please refer to your purchase documentation or contact the seller for detailed warranty information.

10. CUSTOMER SUPPORT

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact the seller or retailer from whom you purchased the DollaTek LEPY LP-838 amplifier. Provide your product model number (LP-838) and

purchase details for efficient support.

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