

## Wendry LP-838

# Wendry Mini HiFi 2.1 Stereo Bass Audio Power Amplifier LP-838 User Manual

Model: LP-838



## 1. PRODUCT OVERVIEW

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The Wendry Mini HiFi 2.1 Stereo Bass Audio Power Amplifier LP-838 is a compact and versatile audio amplifier designed for both home and vehicle use. It features a high-power audio amplifier chip for low distortion and acoustically accurate audio reproduction. The aluminum alloy housing helps to eliminate electromagnetic interference, ensuring high-quality audio output.

### Key Features:

- **High Power Audio Amplifier Chip:** Delivers 15W x 2 RMS power output with 2.1 channels and low distortion.
- **Versatile Audio Input:** Supports RCA and 3.5mm audio input for connection to mobile phones, DVD players, computers, MP3/MP4 devices, and more.
- **Speaker Output Clips:** Features two pairs of speaker output clips for easy wiring.
- **Adjustable Controls:** Provides full control over volume, treble, and bass output.
- **Built-in Safety Features:** Includes shortcut, overload, and overheat protection to ensure proper and safe operation of the amplifier and connected devices. A built-in loudspeaker circuit protects speakers from high volume audio bursts.
- **Durable Construction:** Smart and lightweight aluminum housing.



Figure 1: Wendry Mini HiFi 2.1 Stereo Bass Audio Power Amplifier LP-838 (Black)

This manual provides detailed instructions for the proper setup, operation, and maintenance of your amplifier.

## 2. SAFETY INFORMATION

Please read and understand all safety instructions before operating this device. Keep this manual for future reference.

- **Power Supply:** Use only a compatible DC 12V/3A power adapter. Incorrect voltage can damage the device and pose a safety risk.
- **Ventilation:** Ensure adequate ventilation around the amplifier. Do not block ventilation openings.
- **Moisture:** Do not expose the amplifier to water, rain, or excessive moisture.
- **Heat:** Avoid placing the amplifier near heat sources such as radiators, heat registers, stoves, or other heat-producing appliances.
- **Cleaning:** Disconnect the power before cleaning. Use a dry cloth for cleaning.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Overload Protection:** The amplifier is equipped with built-in overload protection. If the unit shuts down unexpectedly, check for short circuits in speaker wiring or excessive load.

## 3. SETUP

Follow these steps to properly set up your Wendry Mini HiFi Amplifier.

### 3.1 Package Contents

Ensure all components are present:

- Wendry Mini HiFi 2.1 Stereo Bass Audio Power Amplifier LP-838
- User Manual (this document)

*Note: A power supply (DC 12V/3A) and audio cables are not included and must be purchased separately.*

### 3.2 Connecting Speakers

The amplifier supports two speakers. Connect your passive speakers to the speaker output clips on the rear panel.

1. Identify the positive (+) and negative (-) terminals on your speakers and on the amplifier's speaker output clips.
2. Connect the positive (+) terminal of your left speaker to the 'L+' terminal on the amplifier.
3. Connect the negative (-) terminal of your left speaker to the 'L-' terminal on the amplifier.
4. Repeat for the right speaker, connecting to the 'R+' and 'R-' terminals.
5. Ensure all connections are secure to prevent short circuits.



Figure 2: Rear Panel Connections (Silver Unit)

### 3.3 Connecting Audio Input

The amplifier offers RCA and 3.5mm audio input options.

1. **RCA Input:** Use an RCA cable to connect your audio source (e.g., DVD player, TV) to the 'AUDIO INPUT' RCA jacks (red for right, white for left) on the rear panel.
2. **3.5mm Input (MP3 Jack):** Use a 3.5mm audio cable to connect your audio source (e.g., mobile phone, computer) to the 'MP3' jack on the front panel.
3. Only one audio input source should be active at a time to avoid signal interference.

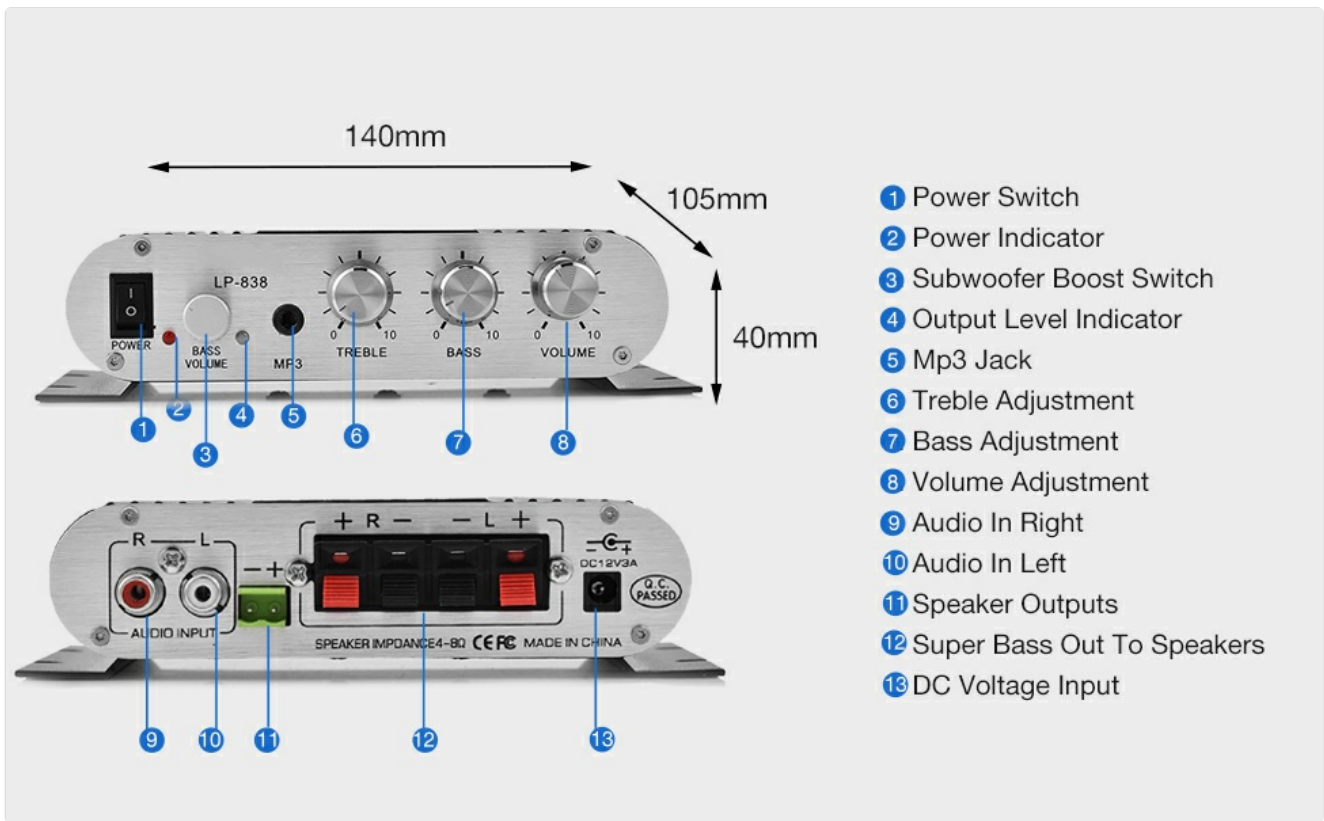


Figure 3: RCA & 3.5mm Audio Input Options



Figure 4: Line Connection Diagram

### 3.4 Power Connection

Connect a DC 12V/3A power adapter (not included) to the 'DC 12V/3A' input jack on the rear panel of the amplifier. Once connected, plug the power adapter into a suitable wall outlet.

## 4. OPERATING INSTRUCTIONS

Familiarize yourself with the controls on the front panel of the amplifier.



Figure 5: Front Panel Controls

## 4.1 Powering On/Off

- To turn the amplifier **ON**, press the 'POWER' switch. The power indicator light will illuminate.
- To turn the amplifier **OFF**, press the 'POWER' switch again. The power indicator light will turn off.

## 4.2 Adjusting Audio

- **VOLUME:** Rotate the 'VOLUME' knob clockwise to increase the overall sound level, and counter-clockwise to decrease it.
- **BASS:** Rotate the 'BASS' knob to adjust the low-frequency sound output.
- **TREBLE:** Rotate the 'TREBLE' knob to adjust the high-frequency sound output.
- **BASS VOLUME:** This knob specifically controls the volume level of the bass output, often used for a connected subwoofer.

Adjust these controls to achieve your desired audio balance and volume level.

## 5. MAINTENANCE

Proper care and maintenance will ensure the longevity of your amplifier.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the amplifier. Do not use liquid cleaners or aerosol sprays.
- **Environment:** Keep the amplifier in a dry, dust-free environment. Avoid extreme temperatures and direct sunlight.
- **Ventilation:** Ensure that the ventilation slots are not obstructed to prevent overheating.
- **Connections:** Periodically check all cable connections to ensure they are secure and free from corrosion.

## 6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No power	Power adapter not connected or faulty; power outlet not working; power switch off.	Ensure power adapter is securely connected to the amplifier and a working power outlet. Check if the power switch is in the 'ON' position. Test with a different power adapter (DC 12V/3A) if available.
No sound output	Incorrect speaker connections; audio input cable loose or faulty; incorrect input selected; volume too low; audio source issue.	Verify speaker wiring (positive to positive, negative to negative). Check audio input cable connections. Ensure the correct audio input is active. Increase the 'VOLUME' knob. Test with a different audio source.
Distorted sound	Volume too high; faulty audio cable; speaker impedance mismatch; amplifier overheating.	Reduce the 'VOLUME' level. Replace audio cables. Ensure speakers have an impedance of 4-8 Ohms. Allow the amplifier to cool down if it feels hot.

Problem	Possible Cause	Solution
Humming or buzzing noise	Ground loop issue; interference from other electronics; faulty audio cable.	Ensure all components are plugged into the same power strip. Move the amplifier away from other electronic devices. Try a different audio cable.
Not suitable for car radio connection	Designed for home/general 12V DC applications, not direct car radio integration without specific adapters.	This amplifier uses a barrel connector for power (DC 12V/3A) and RCA/3.5mm for audio input. Direct connection to a car radio may require specific wiring harnesses or adapters not included. It is primarily intended for home or general 12V DC audio setups.

## 7. SPECIFICATIONS

Feature	Specification
Brand	Wendry
Model Number	LP-838 (Wendrydxrnm6va7s-02)
Output Power	50 Watts (Total) / 15W x 2 RMS
Number of Channels	2.1 (Stereo + Bass)
Minimum Supply Voltage	14.4 Volts (DC)
Maximum Supply Voltage	14.4 Volts (DC)
Input Voltage	DC 12V/3A (Recommended)
Speaker Impedance	4-8 Ohms
Audio Input	RCA, 3.5mm Jack
Material	Aluminum
Item Weight	7.7 ounces
Mounting Type	Surface Mount
UPC	753874419910
Compliance	FCC

## 8. WARRANTY AND SUPPORT

For warranty information or technical support, please contact your retailer or the manufacturer directly. Keep your purchase receipt as proof of purchase.

Manufacturer: Wendry



