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> Facmogu S-288 Home Audio Amplifier User Manual

Facmogu S-288

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Model: S-288

INTRODUCTION

Thank you for choosing the Facmogu S-288 4-Channel Bluetooth 5.0 Home Audio Amplifier. This amplifier is designed to provide high-fidelity stereo sound for your home entertainment system, supporting multiple audio input methods including Bluetooth, USB, SD card, FM radio, and AUX. With its compact design and powerful output, it is ideal for various audio setups, including home theater and karaoke applications. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device.

SAFETY INFORMATION

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

- **Power Supply:** Use only the provided power adapter. Ensure the power supply voltage matches the requirements specified on the amplifier.
- **Ventilation:** Do not block any ventilation openings. Ensure adequate airflow around the unit to prevent overheating.
- **Water and Moisture:** Do not expose the unit to rain, moisture, or excessive humidity. Do not place objects filled with liquids, such as vases, on the unit.
- **Heat Sources:** Keep the unit away from heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Cleaning:** Unplug the unit from the power outlet before cleaning. Use a dry cloth for cleaning. Do not use liquid cleaners or aerosol cleaners.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Placement:** Place the unit on a stable, flat surface. Avoid placing it in direct sunlight or near strong magnetic fields.

PRODUCT OVERVIEW

Familiarize yourself with the components and controls of your Facmogu S-288 amplifier.

Front Panel



Image: Detailed diagram showing the front and rear panels of the Facmogu S-288 amplifier with labeled components.

- **USB Input:** For connecting USB flash drives.
- **SD Card Slot:** For inserting SD memory cards.
- **Function Display Window:** Shows current mode, track information, and FM frequency.
- **Mode Switch:** Toggles between input modes (Bluetooth, AUX, USB, SD, FM).
- **Previous Song / Play-Pause / Next Song Buttons:** Control media playback.
- **Tone Adjustment (Treble/Bass):** Knobs to adjust high and low frequencies.
- **Volume Adjustment:** Main knob to control the overall output volume.
- **Microphone Input (MIC1):** 6.35mm jack for connecting a microphone.
- **Microphone Volume Adjustment (MIC.VOL):** Knob to control microphone volume.
- **Music Rhythm Lights:** Visual indicators that synchronize with music.

Rear Panel

- **Audio Input Interface (RCA):** For connecting external audio sources via RCA cables (e.g., CD player, DVD player).

- **Speaker Output Terminals:** Four sets of terminals for connecting speakers (FR+, FR-, FL+, FL-, SR+, SR-, SL+, SL-). Supports speaker impedance of 4-8Ω.
- **FM Antenna Input (FM.ANT):** For connecting the included FM antenna.
- **Power Input (DC 12V/3.5A):** For connecting the power adapter.

Remote Control



Image: The Facmogu S-288 amplifier shown with its included remote control. The remote allows for convenient adjustment of settings from a distance.

The included remote control allows you to operate the amplifier from a distance, providing convenience for changing modes, adjusting volume, and controlling playback.

SETUP

Follow these steps to set up your Facmogu S-288 amplifier:

1. Connecting Speakers:

Connect your passive speakers to the speaker output terminals on the rear panel. Ensure correct polarity (+ to + and - to -) for each speaker. The amplifier supports four speakers (Front Right, Front Left, Surround Right, Surround Left) with an impedance of 4-8Ω. Securely fasten the speaker wires.

2. Connecting Audio Sources:

- **AUX Input:** Use an RCA cable to connect external audio devices (e.g., CD player, DVD player, TV audio output) to the "AUDIO INPUT" RCA jacks on the rear panel.
- **USB/SD Card:** Insert a USB flash drive or SD card (FAT32 format only) into the respective slots on the front panel.
- **FM Antenna:** Connect the included FM antenna to the "FM.ANT" port on the rear panel for radio reception. Extend the antenna for better signal.
- **Microphone:** For karaoke or public address, connect a microphone to the "MIC1" input on the front panel.

3. Power Connection:

Connect the provided power adapter to the "POWER INPUT" DC 12V/3.5A jack on the rear panel, then plug the adapter into a standard wall outlet. The unit will power on automatically or can be turned on using the power button/remote.



Image: The Facmogu S-288 amplifier connected wirelessly to a smartphone, demonstrating its Bluetooth connectivity for audio streaming.

OPERATING INSTRUCTIONS

Power On/Off

Once connected to power, the amplifier will typically power on. Use the power button on the front panel or the remote control to toggle power.

Volume Control

Rotate the large "VOLUME" knob on the front panel clockwise to increase volume and counter-clockwise to decrease it. You can also use the volume buttons on the remote control.

Input Selection

Press the "MODE" button on the front panel or remote control to cycle through available input sources: Bluetooth, AUX, USB, SD, and FM.

- **Bluetooth Mode:**

When in Bluetooth mode, the display will indicate "Bluetooth". On your device (smartphone, tablet, PC), enable Bluetooth and search for "S-288". Select it to pair. Once paired, you can stream audio wirelessly. Keep the device within 30ft/10m (15ft/5m for TV/PC) for optimal connection.

- **USB/SD Card Mode:**

Insert a USB flash drive or SD card with audio files (FAT32 format) into the corresponding slot. The amplifier will automatically switch to USB/SD mode and begin playback. Use the Previous/Next Song and Play/Pause buttons to control playback.

- **FM Radio Mode:**

Ensure the FM antenna is connected. In FM mode, the display will show the frequency. Use the Previous/Next Song buttons to scan for stations. The frequency range is 87.5-108MHz.

- **AUX Mode:**

When an external device is connected via the RCA audio input, select AUX mode. The display will show "LINE AUX".

Tone Adjustment

Use the "TONE" knobs (Treble and Bass) on the front panel to adjust the audio's high and low frequencies according to your preference.

Microphone Usage (Karaoke)

Connect a microphone to the "MIC1" input. Adjust the microphone's volume using the "MIC.VOL" knob. This feature is suitable for karaoke or public address applications.

Music Rhythm Lights

The front panel features music rhythm lights that synchronize with the audio playback, providing a dynamic visual effect.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your amplifier.

- **Cleaning:** Always unplug the amplifier before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use abrasive cleaners, waxes, or solvents.
- **Dust:** Regularly dust the unit, especially the ventilation openings, to prevent dust buildup which can lead to overheating.
- **Storage:** If storing the amplifier for an extended period, disconnect it from power and store it in a cool, dry place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

If you encounter issues with your Facmogu S-288 amplifier, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power	Power adapter not connected or faulty; power outlet issue.	Ensure power adapter is securely connected to the amplifier and a working power outlet. Try a different outlet.
No sound output	Incorrect input mode; loose speaker connections; low volume; faulty audio source.	Select the correct input mode. Check all speaker wire connections for proper polarity and tightness. Increase the volume. Test with a different audio source.

Problem	Possible Cause	Solution
Bluetooth connection unstable or fails	Device too far; interference; amplifier not in pairing mode.	Ensure your device is within the operating range (30ft/10m, 15ft/5m for TV/PC). Reduce obstacles between devices. Re-enter Bluetooth mode on the amplifier and re-pair.
USB/SD card not playing	Incorrect file format; card not FAT32; corrupted files; card not inserted correctly.	Ensure USB drive/SD card is formatted to FAT32. Check if audio files are supported. Reinsert the card/drive.
Poor FM radio reception	Antenna not connected or extended; weak signal area.	Ensure the FM antenna is properly connected and fully extended. Try repositioning the antenna or the amplifier for better signal.
Distorted sound	Volume too high; incorrect tone settings; faulty audio source or speakers.	Reduce the volume. Adjust Treble and Bass knobs. Test with a different audio source or speakers to isolate the issue.

SPECIFICATIONS

Feature	Detail
Model Number	S-288
Brand	Facmogu
Output Power (RMS)	45W x 4 Channels
Peak Power	600W
Bluetooth Version	5.0
Bluetooth Operating Range	Up to 30ft/10m (15ft/5m for TV/PC)
Audio Inputs	Bluetooth, 3.5mm AUX (via RCA), USB, SD Card, FM Antenna
USB/SD Card Format	FAT32 only
FM Frequency Range	87.5-108MHz
Harmonic Distortion	≤ 0.4%
Speaker Impedance	4-8Ω
Voltage	12 Volts (DC 12V/3.5A)
Dimensions (L x W x H)	Approx. 6.9 x 4.1 x 1.8 inches (175mm x 105mm x 45mm)
Weight	Approx. 1.9 Pounds
Mounting Type	Surface Mount



PRODUCT LIST

- 1x Power Adapter
- 1x Power Amplifier
- 1x Remote Control
- 1x Manual
- 1x FM Receiver Line



Image: The Facmogu S-288 amplifier with its dimensions labeled, alongside a list and images of included accessories: power adapter, power amplifier, remote control, manual, and FM receiver line.

WARRANTY AND SUPPORT

Facmogu provides a one-year warranty for this product. If you encounter any problems or have questions regarding the Facmogu S-288 amplifier, please do not hesitate to contact our customer support. Our team is dedicated to assisting you with any queries or issues you may have.

For support, please refer to the contact information provided with your purchase or visit the official Facmogu store page on Amazon: [Facmogu Store](#).

