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› Facmogu KS-33BT 2-Channel Bluetooth Power Amplifier Instruction Manual

Facmogu KS-33BT

Facmogu KS-33BT Bluetooth Power Amplifier User Manual

Model: KS-33BT

1. INTRODUCTION

The Facmogu KS-33BT is a 2-channel Bluetooth power amplifier designed for home audio systems. It delivers a maximum power output of 500W + 500W and an RMS power of 60W + 60W, making it suitable for karaoke, home theater, and general acoustic sound systems. This amplifier features a low operating current, fast switching capabilities, and excellent temperature stability. It includes a Bluetooth interface for wireless music streaming, FM radio functionality, and multiple input options for versatile connectivity.

- **Power Output:** Max 500W + 500W, RMS 60W + 60W.
- **Connectivity:** Bluetooth, USB, SD Card, AUX, FM Radio, 2 Microphone Inputs.
- **Controls:** Independent volume, tone (bass/treble), and echo adjustments for microphones.
- **Dimensions:** Approximately 18 cm (W) x 19.3 cm (D) x 7.2 cm (H).
- **Weight:** Approximately 1.55 kg.

2. PRODUCT OVERVIEW

2.1 Front Panel



Figure 1: Front Panel Controls and Inputs

- **Power Switch:** Toggles the amplifier on/off.
- **USB Port:** For connecting USB flash drives to play MP3 audio files.
- **SD Card Slot:** For inserting SD/MMC memory cards to play MP3 audio files.
- **LED Display:** Shows current mode, track information, or FM frequency.
- **Volume Control (MUSIC VOL):** Adjusts the overall music volume.
- **Input Selector:** Knob to select audio input source (CD, AUX, LINE, Media Player).
- **Treble Control:** Adjusts the high-frequency response of the audio.
- **Bass Control:** Adjusts the low-frequency response of the audio.
- **Echo Control:** Adjusts the echo effect for microphones.
- **MIC 1/2 Vol:** Adjusts the volume for microphone inputs.
- **MIC Input:** Two 1/4" (6.35mm) jacks for connecting microphones.
- **Media Player Controls:** Buttons for VOL-, SCAN, VOL+, MODE for USB/SD/FM/Bluetooth playback.

2.2 Rear Panel

HIFI DIGITAL STEREO AMPLIFIER

Power Switch

USB Port

Volume Control

SD Card Slot

Led Display



Figure 2: Rear Panel Connections

- **Radio Antenna Socket (FM ANT):** For connecting the FM antenna.
- **Main Speakers (L/R):** Terminals for connecting passive speakers (4-16Ω impedance).
- **Audio Input (CD/LINE):** RCA jacks for connecting external audio sources like CD players or other line-level devices.
- **12V Power Input (DC12V 5A-10A):** Alternative DC power input.
- **AC Power Input:** For connecting the main AC power cable.
- **Voltage Conversion Switch: Important:** The default setting is 110V. Do not adjust this voltage; otherwise, the device may be damaged.

3. SETUP

1. **Connect Speakers:** Connect your passive speakers to the "MAIN SPEAKERS 4-16Ω" terminals on the rear panel. Ensure correct polarity (+ to + and - to -) for both left (L) and right (R) channels.
2. **Connect Audio Sources:**
 - For CD players or other line-level devices, use RCA cables to connect to the "CD" or "LINE" audio input jacks.

- For AUX devices, use a 3.5mm to RCA cable (if needed) to connect to the AUX input on the front panel.
3. **Connect Microphones:** Insert up to two microphones into the "MIC INPUT" jacks on the front panel.
 4. **Connect FM Antenna:** Attach the included FM antenna to the "FM ANT" socket on the rear panel for radio reception.
 5. **Power Connection:** Ensure the voltage conversion switch on the rear panel is set to 110V (default). Connect the AC power cable to the "AC POWER INPUT" on the rear panel and then plug it into a standard 110V AC power outlet.



Figure 3: Product Dimensions and Included Accessories

4. OPERATING INSTRUCTIONS

1. **Power On:** Press the "POWER" switch on the front panel to turn on the amplifier. The LED display will illuminate.
2. **Select Input Source:** Rotate the "INPUT" knob on the front panel or use the "MODE" button on the remote control to select your desired audio source (CD, AUX, LINE, USB/SD, FM, Bluetooth).
3. **Adjust Music Volume:** Turn the "MUSIC VOL" knob to increase or decrease the overall music volume.
4. **Adjust Tone:** Use the "TREBLE" and "BASS" knobs to fine-tune the high and low frequencies of the audio output.
5. **Microphone Operation:**
 - Adjust the "MIC 1/2 VOL" knob to control the volume of the connected microphones.
 - Adjust the "ECHO" knob to add or reduce the echo effect for the microphones.

6. **USB/SD Playback:** Insert a USB flash drive or SD card into the corresponding slot. The amplifier will automatically switch to USB/SD mode and begin playback. Use the media player controls (VOL-, SCAN, VOL+) to navigate tracks and adjust volume.
7. **Bluetooth Pairing:**
- Select "Bluetooth" as the input source using the "MODE" button. The LED display will indicate Bluetooth mode.
 - On your mobile device, search for Bluetooth devices and select "KS-33BT" to pair.
 - Once paired, you can stream audio wirelessly from your device to the amplifier.
8. **FM Radio:** Select "FM" as the input source. Use the "SCAN" button to automatically search and save available radio stations. Use VOL- and VOL+ to tune between saved stations.
9. **Remote Control:** The included remote control allows for convenient adjustment of input source, volume, and media playback from a distance.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the amplifier. Do not use liquid cleaners, solvents, or abrasive materials, as they may damage the finish or internal components.
- **Ventilation:** Ensure the amplifier is placed in a location with adequate ventilation to prevent overheating. Do not block the ventilation openings on the unit.
- **Storage:** When not in use for extended periods, store the amplifier in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Power Cord:** Regularly inspect the power cord for any damage. If damaged, discontinue use and replace it with an appropriate power cord.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cable not connected; Power switch off; Power outlet faulty.	Ensure power cable is securely connected. Turn the power switch ON. Test the power outlet with another device.
No sound output	Incorrect input selected; Speaker cables loose or incorrectly connected; Volume too low; Mute function active.	Select the correct input source. Check all speaker connections for proper polarity. Increase the MUSIC VOL. Ensure the unit is not muted.
Microphone not working	Microphone not connected properly; MIC VOL too low; Microphone faulty.	Ensure microphones are fully inserted into the MIC INPUT jacks. Increase the MIC 1/2 VOL. Test with another microphone if available.
Bluetooth pairing failure	Bluetooth mode not selected; Device too far; Amplifier already paired with another device.	Select Bluetooth input mode. Ensure your device is within range (approx. 10 meters). Disconnect from other Bluetooth devices and try pairing again.
Poor FM reception	Antenna not connected or poorly positioned; Weak signal.	Connect the FM antenna securely. Adjust the antenna's position for better reception.

7. SPECIFICATIONS

Feature	Specification
Model	KS-33BT

Feature	Specification
Max Power Output	500W + 500W
RMS Power Output	60W + 60W
Channels	2
Input Voltage	110V AC (Default)
DC Power Input	DC 12V 5A-10A
Speaker Impedance	4-16Ω
Dimensions (W x D x H)	18 cm x 19.3 cm x 7.2 cm (7.1" x 7.6" x 2.8")
Weight	1.55 kg
Connectivity	Bluetooth, USB, SD Card, AUX, FM Radio, 2 Microphone Inputs

8. WARRANTY AND SUPPORT

A one-year warranty is provided for this product. We believe good service is almost as important as the product itself. If you encounter any problems or have questions regarding your Facmogu KS-33BT amplifier, please do not hesitate to contact our customer support team for assistance.

For support, please refer to the contact information provided with your purchase or visit the official Facmogu website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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