

Sunbuck AS-35BU

Sunbuck AS-35BU Stereo Amplifier Instruction Manual

Model: AS-35BU

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1. INTRODUCTION

Thank you for choosing the Sunbuck AS-35BU Stereo Amplifier. This compact yet powerful amplifier is designed to enhance your home audio experience, offering versatile connectivity options including Bluetooth 5.0, RCA, USB, SD card, FM radio, and AUX input. With a maximum output of 400W x 2 (RMS 60W x 2), it delivers high-fidelity sound with low distortion, suitable for various environments such as offices, small apartments, basements, and garages. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device.

2. IMPORTANT SAFETY INSTRUCTIONS

- **Power Source:** Ensure the amplifier is connected to a power supply matching the voltage indicated on the unit. Use only the provided AC power plug.
- **Ventilation:** Do not block any ventilation openings. Install in accordance with the manufacturer's instructions. Adequate airflow is crucial to prevent overheating.
- **Water and Moisture:** Do not expose this apparatus to rain or moisture. Do not use near water (e.g., bathtubs, sinks, swimming pools).
- **Heat:** Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Cleaning:** Clean only with a dry cloth. Avoid using liquid or aerosol cleaners.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- **Overload:** Do not overload wall outlets or extension cords as this can result in a risk of fire or electric shock.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x Sunbuck AS-35BU Stereo Amplifier (110V)
- 1 x Remote Control
- 1 x FM Antenna
- 1 x AC Power Plug

WHAT'S IN THE BOX

- ✓ 1 x Stereo Amplifier (110V)
- ✓ 1 x Remote Control
- ✓ 1 x FM Antenna
- ✓ 1 x AC Power Plug



Image: Contents of the Sunbuck AS-35BU amplifier package, including the amplifier unit, remote control, FM antenna, and AC power plug.

4. PRODUCT OVERVIEW

4.1 Front Panel

The front panel provides access to primary controls and inputs for convenient operation.

- **Power Switch:** Toggles the amplifier on/off.
- **Input Selector:** Rotary knob to select between Media Player (USB/SD/Bluetooth/FM), AUX, CD, and Line inputs.
- **Tone Controls:** Separate knobs for Treble and Bass adjustment to fine-tune audio output.
- **Echo Control:** Adjusts the echo effect for microphone inputs.
- **Mic 1/2 Volume:** Controls the overall volume for both microphone inputs.
- **Music Volume:** Main rotary knob for adjusting the overall music volume.
- **USB/SD/MMC/BT Player:** Digital display and control buttons for media playback (Play/Pause, Scan, Mode, Next/Previous Track, Volume +/-).
- **Mic Inputs:** Two 1/4" (6.35mm) jacks for connecting microphones.



Image: Front view of the Sunbuck AS-35BU amplifier, showing all controls and inputs including power switch, input selector, tone controls, media player interface, and microphone inputs.

4.2 Rear Panel

The rear panel houses all the necessary connections for your audio sources and speakers.

- **RCA Audio Inputs:** Two pairs of RCA inputs labeled 'CD' and 'LINE' for connecting external audio devices.
- **Speaker Outputs:** Spring clip terminals for connecting left and right passive speakers.
- **DC Power Input:** For alternative DC power supply (DC12V 5A-10A).
- **AC Power Input:** Standard AC power cord connection.
- **Voltage Conversion Switch:** Allows selection between 230V and 115V AC power.
- **FM Antenna Input:** Coaxial connector for the FM antenna.

EASILY FITS YOUR AUDIO SYSTEM



AUDIO INPUT BY RCA/BLUETOOTH



2 CHANNEL SPEAKER OUTPUT



Image: Rear view of the Sunbuck AS-35BU amplifier, displaying RCA audio inputs, speaker terminals, power input, voltage selector, and FM antenna connection.

4.3 Dimensions

The compact design of the AS-35BU allows for flexible placement in various settings.

- **Product Dimensions:** 6.1 x 5.31 x 2.17 inches (15.5 x 13.5 x 5.5 cm)
- **Item Weight:** 2.2 pounds (1 kg)

BOOKSHELF SMALL COMPACT SPACELESS



Image: Diagram showing the compact dimensions of the Sunbuck AS-35BU amplifier, highlighting its small footprint.

5. SETUP

5.1 Speaker Connection

Connect your passive speakers to the speaker output terminals on the rear panel. Ensure correct polarity (positive to positive, negative to negative) for optimal sound quality.

1. Strip approximately 1/2 inch (1.2 cm) of insulation from the ends of your speaker wires.
2. Press down on the spring clip terminal to open the connection point.
3. Insert the bare wire into the opening.
4. Release the spring clip to secure the wire.
5. Repeat for all four connections (Left +, Left -, Right +, Right -).

5.2 Audio Input Connection

Connect your audio sources to the appropriate RCA inputs on the rear panel.

- **CD Input:** Use RCA cables to connect a CD player or other audio device.
- **LINE Input:** Use RCA cables to connect devices like laptops, TVs, or projectors with AV audio output.
- **AUX Input (Front Panel):** Use a 3.5mm to 3.5mm audio cable to connect portable devices like smartphones or tablets to the front panel AUX jack.



Image: Diagram illustrating various input and output connections for the Sunbuck AS-35BU amplifier, including RCA, speaker terminals, and compatible devices.

5.3 Power Connection

Before connecting to power, ensure the voltage conversion switch on the rear panel is set correctly for your region (230V or 115V). Then, connect the provided AC power plug to the amplifier and a wall outlet.

5.4 FM Antenna Connection

Connect the included FM antenna to the FM ANT coaxial input on the rear panel for radio reception.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

Flip the power switch on the front panel to the 'ON' position to power on the amplifier. The digital display will illuminate. Flip to 'OFF' to power down.

6.2 Input Selection

Rotate the 'INPUT' knob on the front panel to select your desired audio source: 'MEDIA PLAYER' (for USB/SD/Bluetooth/FM), 'AUX', 'CD', or 'LINE'.

6.3 Volume and Tone Control

Adjust the 'MUSIC VOL' knob to control the overall output volume. Use the 'TREBLE' and 'BASS' knobs to fine-tune the high and low frequencies of your music.

6.4 USB/SD/MMC Playback

Insert a USB drive or SD/MMC card containing MP3 audio files into the respective slots on the front panel. The amplifier will automatically switch to 'MEDIA PLAYER' mode and begin playback. Use the control buttons (VOL+/-, SCAN, MODE,

Next/Previous) to navigate and control playback.

6.5 Bluetooth Connection

To connect a Bluetooth device:

1. Switch the input selector to 'MEDIA PLAYER'. The display will show 'BLUE' indicating Bluetooth mode.
2. On your mobile device (smartphone, tablet, laptop), enable Bluetooth and search for available devices.
3. Select 'AS-35BU' from the list of devices to pair. Once connected, you will hear a confirmation tone.
4. You can now stream audio wirelessly from your device to the amplifier. The wireless range is approximately 40 feet (12 meters). Note that signal and volume may be intermittent if there are physical obstructions like walls between the devices.



Image: Visual representation of the Sunbuck AS-35BU amplifier connecting wirelessly to various devices via Bluetooth, including smartphones, tablets, and laptops.

6.6 FM Radio Operation

To use the FM radio function:

1. Switch the input selector to 'MEDIA PLAYER' and then press the 'MODE' button until 'FM' is displayed.
2. Press the 'SCAN' button to automatically scan and save available FM stations as presets.
3. Use the 'Next/Previous Track' buttons on the front panel or the remote control to cycle through the saved presets. For direct frequency input, use the number pad on the remote control.

6.7 Microphone and Karaoke Function

The amplifier supports two microphone inputs for karaoke or public address.

1. Plug your 1/4" (6.35mm) microphones into the 'MIC INPUT' jacks on the front panel.
2. Adjust the 'MIC 1/2 VOL' knob to control the microphone volume.
3. Use the 'ECHO' knob to add or remove echo effect to the microphone sound.

6.8 Remote Control Usage

The included remote control provides convenient access to various functions from a distance. It allows for direct input of FM frequencies, track navigation, volume control, and mode selection.



Image: Step-by-step guide for installing the battery in the remote control, ensuring proper functionality.

7. TROUBLESHOOTING

If you encounter any issues with your Sunbuck AS-35BU amplifier, please refer to the table below for common problems and their solutions.

| Problem | Possible Cause | Solution |
|-----------------------------|--|---|
| No power | Power cord not connected; Power switch off; Incorrect voltage selection. | Ensure power cord is securely plugged in. Turn power switch ON. Verify voltage switch (230V/115V) is set correctly. |
| No sound output | Incorrect input selected; Volume too low; Speaker wires loose or incorrect polarity. | Select the correct input source. Increase 'MUSIC VOL' knob. Check speaker wire connections and polarity. |
| Bluetooth connection issues | Device not in pairing mode; Amplifier too far from device; Obstructions. | Ensure amplifier is in 'BLUE' mode. Move device closer to amplifier. Remove obstructions. Try re-pairing. |
| Poor FM radio reception | Antenna not connected or positioned poorly; Weak signal. | Connect FM antenna securely. Adjust antenna position for better reception. Perform a new auto-scan for stations. |
| Distorted sound | Volume too high; Tone controls set incorrectly; Poor audio source quality. | Reduce 'MUSIC VOL'. Adjust 'TREBLE' and 'BASS' knobs. Test with a different audio source. |

8. SPECIFICATIONS

- **Model:** AS-35BU
- **Power Output:** Max 400W x 2 (RMS 60W x 2)
- **Bluetooth Version:** 5.0 (Wireless range: 40 feet / 12 meters)
- **Inputs:** 2 x RCA Audio (CD, Line), 2 x Microphone (1/4"), USB2.0, SD Card, Bluetooth 5.0, FM Radio, AUX (3.5mm front)
- **Outputs:** 2-Channel Speaker Output
- **Dimensions (L x W x H):** 6.1 x 5.31 x 2.17 inches (15.5 x 13.5 x 5.5 cm)
- **Weight:** 2.2 pounds (1 kg)
- **Manufacturer:** JS Electronics Limited

9. MAINTENANCE AND CARE

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

- **Cleaning:** Regularly wipe the exterior of the amplifier with a soft, dry cloth. Do not use abrasive cleaners, waxes, or solvents.
- **Ventilation:** Keep the ventilation openings clear of dust and debris. Ensure adequate space around the unit for proper airflow.
- **Storage:** If storing the amplifier for an extended period, disconnect it from the power source and store it in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the unit with care. Avoid dropping or subjecting it to strong impacts.

10. WARRANTY AND SUPPORT

Sunbuck products are manufactured with high-quality standards. For specific warranty information, please refer to the documentation included with your purchase or contact the retailer. If you require technical support or have questions not covered in this manual, please contact Sunbuck customer service or the authorized dealer from whom you purchased the product. Provide your model number (AS-35BU) and a detailed description of the issue for faster assistance.