

sunbuck TAV-339BT

Sunbuck TAV-339BT Wireless Karaoke Bluetooth Power Amplifier System User Manual

Model: TAV-339BT

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Sunbuck TAV-339BT Wireless Karaoke Bluetooth Power Amplifier System. This 2-channel stereo amplifier is designed for home audio and karaoke applications, featuring Bluetooth connectivity, USB/SD card playback, FM radio, and dual microphone inputs. Please read this manual thoroughly before using the product to ensure proper operation and to prevent damage.



Figure 1: Front view of the Sunbuck TAV-339BT amplifier. This image displays the main unit with its various controls and inputs on the front panel, including the power switch, microphone inputs, volume knobs, and digital display.

SAFETY INFORMATION

- **Power Source:** Connect the amplifier only to the specified power supply (AC 110V or DC 12V 5A). Ensure the voltage matches the requirements before plugging in.
- **Ventilation:** Do not block ventilation openings. Ensure adequate airflow around the unit to prevent overheating.
- **Water and Moisture:** Do not expose the unit to rain, moisture, or dripping/splashing liquids. Do not place objects filled with liquids, such as vases, on the apparatus.
- **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.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Children:** Keep the unit and its accessories out of reach of children.

PACKAGE CONTENTS

Please check the package for the following items:

- 1 x Sunbuck TAV-339BT Amplifier (110V)
- 1 x Remote Control
- 1 x User Manual

PRODUCT FEATURES

- Compact and powerful 2-channel stereo amplifier system.
- Integrated Bluetooth for wireless audio streaming from compatible devices (smartphones, tablets, PCs).
- Supports USB flash drive and SD memory card playback.
- Built-in FM radio tuner.
- Dual 1/4-inch microphone input jacks for karaoke functions.
- RCA (L/R) audio input for external devices.
- Front panel controls for master volume, bass, treble, microphone volume, echo, and microphone bass/treble.
- Traditional VU meter display.
- Includes a remote control for convenient operation.

FRONT PANEL OVERVIEW



Figure 2: Detailed view of the amplifier's front panel, highlighting the various knobs, buttons, and input ports.

1. **POWER Switch:** Turns the amplifier on or off.
2. **ECHO Control:** Adjusts the echo effect for microphones.
3. **MIC1/MIC2 Input:** 1/4-inch jacks for connecting microphones.
4. **M.BASS/M.TREBLE:** Adjusts bass and treble for microphone input.
5. **MIC/VOL:** Adjusts the volume level for microphones.
6. **VU METER:** Displays audio output level.
7. **USB/SD Card Slot:** For connecting USB flash drives or SD memory cards.
8. **Digital Display:** Shows current mode, track number, or FM frequency.
9. **Control Buttons (SCAN, VOL-, VOL+, MODE):** For navigating USB/SD/FM functions.
10. **BASS/TREBLE:** Adjusts the main audio bass and treble levels.
11. **VOLUME:** Master volume control for all audio sources.
12. **INPUT Selector:** Cycles through input sources (CD/VCD, LINE, MP3/FM, Bluetooth).
13. **INPUT LED Indicators:** Lights up to show the currently selected input source.

REAR PANEL OVERVIEW



Figure 3: Rear view of the amplifier, showing the various input and output terminals for connecting speakers and audio sources.

1. **INPUT (CD/VCD, LINE):** RCA (L/R) audio input jacks for connecting external audio sources like CD/DVD players, TVs, or other line-level devices.
2. **SPEAKER SYSTEM:** Spring clip terminals for connecting passive speakers. Ensure correct polarity (+ to + and - to -).
3. **POWER DC 12V INPUT:** DC power input for 12V power supply (e.g., car battery, not included).
4. **AC 110V 60Hz:** AC power input for standard household power.
5. **FM Antenna:** Connector for the included FM antenna.

REMOTE CONTROL OVERVIEW



Figure 4: Layout of the remote control buttons.

The remote control allows for convenient operation of the amplifier's functions from a distance. It typically includes buttons for power, mode selection, volume adjustment, track navigation (for USB/SD), and FM radio controls.

Battery Installation for Remote Control



Figure 5: Step-by-step guide for installing the CR2025 lithium battery into the remote control.

The remote control requires a CR2025 lithium battery (3V). To install or replace the battery:

1. Locate the battery compartment on the back of the remote control.
2. Push the small tab to release the battery tray.
3. Slide out the battery tray.
4. Insert the CR2025 battery with the positive (+) side facing up.
5. Slide the battery tray back into the remote until it clicks into place.

1. Speaker Connection

Connect your passive speakers to the "SPEAKER SYSTEM" terminals on the rear panel. Ensure that the positive (+) terminal of the amplifier connects to the positive (+) terminal of the speaker, and the negative (-) terminal of the amplifier connects to the negative (-) terminal of the speaker. Incorrect polarity can affect sound quality.

2. Audio Input Connection

- **RCA Inputs (CD/VCD, LINE):** Use RCA cables to connect external audio sources (e.g., CD player, DVD player, TV audio output) to the corresponding "INPUT" jacks on the rear panel.
- **USB/SD Card:** Insert a USB flash drive or SD memory card into the respective slot on the front panel.
- **Bluetooth:** No physical connection is needed for Bluetooth. Refer to the "Operating Instructions" section for pairing.

3. Microphone Connection

Connect up to two 1/4-inch microphones to the "MIC1" and "MIC2" input jacks on the front panel for karaoke use.

4. FM Antenna Connection

Connect the included FM antenna to the FM antenna terminal on the rear panel for improved radio reception.

5. Power Connection

Connect the power cord to the AC 110V 60Hz input on the rear panel and then plug it into a standard wall outlet. Alternatively, for DC operation, connect a 12V DC power source (not included) to the "POWER DC 12V INPUT" terminals.

OPERATING INSTRUCTIONS

1. Power On/Off

Press the "POWER" switch on the front panel to turn the amplifier on or off. The digital display will illuminate when the unit is powered on.

2. Source Selection

Press the "INPUT" button on the front panel or the "MODE" button on the remote control to cycle through available input sources: CD/VCD, LINE, MP3/FM, and Bluetooth. The corresponding LED indicator on the front panel will light up.

3. Bluetooth Operation

1. Select "Bluetooth" as the input source using the "INPUT" or "MODE" button. The digital display will show "BLUE" or a similar indicator.
2. Enable Bluetooth on your mobile device (smartphone, tablet, PC).
3. Search for available Bluetooth devices and select "TAV-339BT" or "Sunbuck" from the list.
4. Once paired, you can stream audio wirelessly from your device to the amplifier.

4. USB/SD Card Playback

1. Insert a USB flash drive or SD card containing MP3 audio files into the respective slot on the front panel.
2. Select "MP3/FM" as the input source. The amplifier will automatically detect and begin playing audio files.
3. Use the "SCAN", "VOL-", "VOL+" buttons on the front panel or the corresponding buttons on the remote control to navigate tracks (play/pause, next/previous).

5. FM Radio Operation

1. Ensure the FM antenna is connected.
2. Select "MP3/FM" as the input source.
3. Press the "SCAN" button to automatically scan and store available FM radio stations.
4. Use the "VOL-" and "VOL+" buttons (or remote control) to manually tune or select stored stations.

6. Karaoke Function

1. Connect microphones to the "MIC1" and "MIC2" jacks.
2. Adjust the "MIC/VOL" knob to control the microphone volume.
3. Use the "ECHO" knob to add an echo effect to the vocals.
4. Adjust "M.BASS" and "M.TREBLE" to fine-tune the microphone's tone.

7. Volume and Tone Control

- **VOLUME:** Use the large "VOLUME" knob on the front panel to adjust the overall output volume.
- **BASS/TREBLE:** Use the "BASS" and "TREBLE" knobs to adjust the low and high frequencies of the main audio output.

MAINTENANCE

- **Cleaning:** Disconnect the power before cleaning. Use a soft, dry cloth to wipe the exterior of the unit. Do not use liquid cleaners or aerosol cleaners.
- **Ventilation:** Ensure that the ventilation openings are clear of dust and debris to maintain proper cooling.
- **Storage:** If storing the unit for an extended period, disconnect it from the power supply and store it in a cool, dry place.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cord not connected; Power switch off; No power from outlet.	Ensure power cord is securely connected. Turn the POWER switch on. Check the power outlet with another device.
No sound output	Incorrect input source selected; Speaker wires loose or incorrectly connected; Volume too low; Mute activated (if applicable).	Select the correct input source. Check speaker connections and polarity. Increase the VOLUME. Ensure no mute function is active.
Bluetooth not connecting	Amplifier not in Bluetooth mode; Device too far; Device already connected to another amplifier; Bluetooth on device is off.	Select Bluetooth input on the amplifier. Move device closer. Disconnect from other devices. Enable Bluetooth on your device.
USB/SD card not playing	Incorrect input source; Files not in supported format (MP3); USB/SD card corrupted or empty.	Select MP3/FM input. Ensure files are MP3 format. Try another USB/SD card.
Remote control not working	Battery depleted or incorrectly installed; Obstruction between remote and amplifier; Remote sensor blocked.	Replace battery (CR2025) and ensure correct polarity. Remove any obstructions. Ensure the remote sensor on the amplifier is clear.

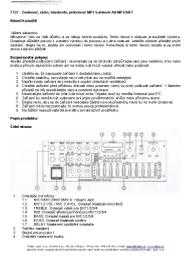
SPECIFICATIONS

Feature	Detail
Model	TAV-339BT
Rated Impedance	4 to 8 Ohms
RMS Power Output	200W + 200W (Recommended for speaker boxes with speakers less than 8")
Peak Music Power Output (P.M.P.O)	300W + 300W (Total 600W)
Power Supply	AC: 110V 60Hz or DC: 12V 5A
Channels	2 Channels
Audio Input	Multi-channel signal input (RCA L/R), USB, SD, Bluetooth
Microphone Input	Dual 1/4-inch Jack
Connectivity Technology	Bluetooth, USB, RCA
Wireless Type	Bluetooth, Infrared (for remote)
Product Dimensions (L x W x H)	25.4 x 20.32 x 7.01 cm (10 x 8 x 2.76 inches)
Product Weight	2.72 kg (6 lbs)
Compatible Devices	Headphones, Laptops, Smartphones

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided at the time of purchase or contact your retailer. Keep your proof of purchase for warranty claims.

Related Documents

 <p>The image shows the cover of the Sunbuck AS60BU Stereo Digital Power Amplifier User Manual. It features the Sunbuck logo at the top, the model name 'AS60BU', and the title 'STEREO DIGITAL POWER AMPLIFIER'. Below the text is a photograph of the amplifier's front panel, which includes a digital display, several buttons, and input ports.</p>	<p>Sunbuck AS60BU Stereo Digital Power Amplifier User Manual</p> <p>User manual for the Sunbuck AS60BU Stereo Digital Power Amplifier, detailing features, product layout, remote control functions, installation, impedance matching, specifications, and troubleshooting.</p>
 <p>The image shows the cover of the Sunbuck AV-MP326BT Amplifier User Manual. It features the HADEX logo at the top, the model name 'AV-MP326BT', and the title 'STEREO DIGITAL POWER AMPLIFIER'. Below the text is a photograph of the amplifier's front panel, which includes a digital display, several buttons, and input ports.</p>	<p>Sunbuck AV-MP326BT Amplifier User Manual</p> <p>User manual for the Sunbuck AV-MP326BT amplifier, detailing its features, operation, safety instructions, and troubleshooting.</p>
 <p>The image shows the EU Declaration of Conformity for the Sunbuck AV-MP326BT MP3 player. It features the HADEX logo at the top, the title 'EU Prohlášení o shodě', and the text 'Toto je oficiální EU Prohlášení o shodě pro MP3 přehrávač Sunbuck AV-MP326BT od výrobce HADEX spol. s r.o. Potvrzuje soulad s příslušnými technickými předpisy a bezpečnostními normami EU.' Below the text is a photograph of the MP3 player's front panel, which includes a digital display, several buttons, and input ports.</p>	<p>EU Prohlášení o shodě - Sunbuck AV-MP326BT MP3 přehrávač</p> <p>Toto je oficiální EU Prohlášení o shodě pro MP3 přehrávač Sunbuck AV-MP326BT od výrobce HADEX spol. s r.o. Potvrzuje soulad s příslušnými technickými předpisy a bezpečnostními normami EU.</p>