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Anytek AV-25BT

User Manual

Wireless Bluetooth 5.0 Stereo Amplifier System

Model: AV-25BT | Brand: Anytek

1. Introduction

This user manual provides detailed instructions for the operation and maintenance of your Anytek AV-25BT Wireless Bluetooth 5.0 Stereo Amplifier System. This compact and powerful amplifier is designed to enhance your home theater acoustic sound system, computer audio, or even garden speakers. It features multiple input options including Bluetooth 5.0, USB, SD Card, FM Radio, and RCA audio input.

2. Safety Information

- Ensure the power supply matches the specified voltage (AC: 110V, DC: 12V 5A).
- Do not expose the unit to rain or moisture to prevent fire or electric shock.
- Do not open the casing. There are no user-serviceable parts inside. Refer all servicing to qualified service personnel.
- Place the unit on a stable, flat surface with adequate ventilation to prevent overheating.
- Connect speakers with an impedance of 4 to 8 ohms.
- This product is a power amplifier and requires external speakers to produce sound.

3. Package Contents

- 1 x Bluetooth Amplifier (110V)
- 1 x Remote Control
- 1 x User Manual

4. Product Overview



Figure 4.1: Front view of the Anytek AV-25BT amplifier, showing the display, control knobs, and input ports.



Figure 4.2: Diagram illustrating the front and rear panel components and connections.

4.1 Front Panel Controls and Inputs

- **Display Screen:** Shows current mode (e.g., LINE, BLUE) and track information.
- **USB Port:** For connecting USB flash drives to play audio files.
- **SD MMC Card Slot:** For inserting SD/MMC cards to play audio files.
- **MODE Button:** Switches between input sources (Bluetooth, USB, SD, FM, Line).
- **PREV/NEXT Buttons:** Navigate tracks or FM stations.
- **PLAY/PAUSE Button:** Controls playback.
- **REPEAT Button:** Toggles repeat modes.
- **STOP Button:** Stops playback.
- **TREBLE Knob:** Adjusts high-frequency audio levels.
- **BASS Knob:** Adjusts low-frequency audio levels.

- **VOLUME Knob:** Main volume control.

4.2 Rear Panel Connections

- **FM ANT:** Connection point for FM antenna.
- **AUDIO INPUT (R/L RCA):** For connecting external audio devices (e.g., CD player, TV) via RCA cables.
- **SPEAKER SYSTEM (4Ω-16Ω):** Speaker output terminals for connecting passive speakers. Ensure correct polarity (+ to + and - to -).
- **POWER DC INPUT (12V 5A):** For connecting the DC power adapter.
- **AC POWER INPUT (110V/50Hz):** For connecting the AC power cord.
- **POWER ON/OFF Switch:** Main power switch for the unit.



Figure 4.3: Rear view of the Anytek AV-25BT amplifier, showing all connection ports.

5. Setup

1. **Connect Speakers:** Connect your passive speakers to the SPEAKER SYSTEM terminals on the rear panel. Ensure correct polarity: connect the positive (+) terminal of the amplifier to the positive (+) terminal of the speaker, and the negative (-) terminal of the amplifier to the negative (-) terminal of the speaker. The amplifier supports speakers with an impedance of 4 to 16 ohms.
2. **Connect Audio Source (Optional):**
    - **RCA Input:** Use RCA cables to connect external audio devices (e.g., TV, DVD player, CD player) to the AUDIO INPUT (R/L) jacks on the rear panel.
    - **USB/SD Card:** Insert a USB flash drive into the USB port or an SD/MMC card into the SD MMC CARD slot on the front panel.
3. **Connect FM Antenna:** If you plan to use the FM radio function, connect the included FM antenna to the FM ANT

port on the rear panel.

4. **Connect Power:**
    - For AC power (110V), connect the AC power cord to the AC POWER INPUT.
    - For DC power (12V 5A), connect a compatible DC power adapter to the POWER DC INPUT.
5. **Power On:** Flip the POWER ON/OFF switch on the rear panel to the "ON" position. The front display will illuminate.

6. Operating Instructions

6.1 Basic Operation

- **Volume Adjustment:** Rotate the **VOLUME** knob to increase or decrease the overall sound level.
- **Tone Control:** Use the **TREBLE** and **BASS** knobs to adjust the high and low frequencies of the audio output.
- **Input Selection:** Press the **MODE** button on the front panel or remote control to cycle through available input sources: Bluetooth, USB, SD Card, FM Radio, and Line Input (RCA). The selected mode will be shown on the display.

6.2 Bluetooth Operation

1. Ensure the amplifier is powered on.
2. Press the **MODE** button until "BLUE" appears on the display, indicating Bluetooth mode.
3. On your Bluetooth-enabled device (smartphone, tablet, PC), search for available Bluetooth devices.
4. Select "BT-AUDIO" or a similar name from the list to pair. Once paired, the amplifier will indicate a successful connection.
5. You can now play audio from your device through the amplifier. Use the **PLAY/PAUSE**, **PREV**, and **NEXT** buttons on the amplifier or remote control to manage playback.

6.3 USB/SD Card Playback

1. Insert a USB flash drive into the **USB** port or an SD/MMC card into the **SD MMC CARD** slot. The amplifier will automatically switch to USB/SD mode and begin playing compatible audio files (MP3, APE, FLAC, WAV).
2. If it does not switch automatically, press the **MODE** button to select the correct input.
3. Use the **PLAY/PAUSE**, **PREV**, **NEXT**, **REPEAT**, and **STOP** buttons to control playback.



Figure 6.1: Supported audio formats for USB and SD card playback.

6.4 FM Radio Operation

1. Ensure the FM antenna is connected.
2. Press the **MODE** button until "FM" appears on the display.
3. To perform an automatic station scan, press and hold the**PLAY/PAUSE** button. The amplifier will scan and save available FM stations.
4. Use the **PREV** and **NEXT** buttons to navigate through the saved stations.

6.5 Remote Control

The included remote control allows for convenient operation of all amplifier functions from a distance, including power, mode selection, volume, track navigation, and FM station tuning.

7. Maintenance

- Clean the unit with a soft, dry cloth. Do not use liquid cleaners or aerosol sprays.
- Ensure proper ventilation around the unit to prevent overheating.
- Keep the unit away from direct sunlight, heat sources, and excessive dust.
- When not in use for extended periods, disconnect the power cord.

8. Troubleshooting

Problem	Possible Cause / Solution
No sound output.	◦ Ensure the amplifier is powered on. ◦ Check speaker connections for correct polarity and secure fit. ◦ Verify that speakers are connected and functional. This amplifier requires external speakers. ◦ Increase the volume level. ◦ Ensure the correct input mode is selected (Bluetooth, USB, SD, FM, Line).
Bluetooth device cannot pair.	◦ Ensure the amplifier is in Bluetooth mode ("BLUE" on display). ◦ Make sure the Bluetooth device is within range (approx. 10 meters). ◦ Disable and re-enable Bluetooth on your device, then try searching again. ◦ If previously paired, try unpairing and re-pairing the device.
USB/SD card not playing.	◦ Ensure the USB drive or SD card is inserted correctly and fully. ◦ Verify that the audio files are in a supported format (MP3, APE, FLAC, WAV). ◦ Try another USB drive or SD card to rule out media issues. ◦ Press the MODE button to ensure USB/SD mode is selected.
Poor FM radio reception.	◦ Ensure the FM antenna is properly connected and extended. ◦ Adjust the position of the antenna for better signal. ◦ Perform an automatic station scan again.
Unit gets warm during operation.	◦ It is normal for the amplifier to generate some heat during operation. ◦ Ensure adequate ventilation around the unit. Do not block air vents. ◦ If it becomes excessively hot, reduce volume or turn off for a period.

9. Specifications

Feature	Detail
Brand	Anytek
Model Number	AV-25BT
Connectivity Technology	Bluetooth 5.0
Rated Impedance	4 to 8 ohms
RMS Power	100W + 100W
Peak Power	200W + 200W
Power Supply	DC: 12V 5A, AC: 110V
Channel Configuration	2 Channel Stereo
Audio Inputs	RCA (L/R), Bluetooth, USB, SD Card, FM Radio
Supported Audio Formats (USB/SD)	MP3, APE, FLAC, WAV
Product Dimensions	6.1 x 5.31 x 2.17 inches
Item Weight	2.2 pounds (1 Kilogram)
Color	Black

10. Warranty and Support

For warranty information or technical support, please refer to the contact details provided with your purchase documentation or visit the official Anytek website. Keep your purchase receipt as proof of purchase for any warranty claims.

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