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Anytek AV-29BT

Anytek AV-29BT Bluetooth 5.0 Stereo Audio Amplifier Receiver User Manual

Model: AV-29BT | Brand: Anytek

1. Product Overview

The Anytek AV-29BT is a compact yet powerful Bluetooth 5.0 stereo audio amplifier receiver designed for home audio and entertainment systems. It delivers 300W RMS (600W Peak Music Power Output) across two channels, making it suitable for various speaker setups. This versatile unit supports multiple audio sources including Bluetooth wireless streaming, USB drives, SD cards, FM radio, and traditional RCA audio inputs. Additionally, it features dual microphone inputs for karaoke functions, offering a comprehensive solution for your audio needs.



Image: Front angled view of the Anytek AV-29BT amplifier, showcasing its compact design and various controls.

2. Key Features

- **High Power Output:** 600W/300W x 2 P.M.P.O. (Peak Music Power Output) for robust sound.
- **Bluetooth 5.0 Connectivity:** Seamless wireless audio streaming from compatible devices.
- **Multiple Audio Inputs:** Supports USB, SD card, FM Radio, Bluetooth, and RCA (L/R) audio input.
- **Dual Microphone Inputs:** Two 4-inch microphone input jacks for karaoke and public address.
- **Media Playback:** USB 2.0/SD card input for playing MP3, APE, FLAC, WAV, and WMA audio files.
- **EQ Controls:** Adjustable Treble, Bass, and Microphone Volume knobs for customized sound.

- **Master Volume Control:** Large rotary knob for overall volume adjustment.
- **Remote Control:** Included for convenient distant audio adjustments.
- **Power Options:** Supports both DC 12V 5A and AC 110V power input, suitable for home and car audio systems.
- **Compact Design:** Mini size (7.1 x 5.31 x 2.17 inches) for easy placement.

3. Package Contents

- 1 x Anytek AV-29BT Bluetooth Amplifier (110V)
- 1 x Remote Control
- 1 x User Manual (this document)

4. Setup and Connections

4.1 Front Panel Controls



Image: Detailed front view of the Anytek AV-29BT amplifier, highlighting the power switch, USB/SD inputs, tone controls, microphone inputs, and volume knob.

- **POWER Switch:** Toggles the amplifier on or off.
- **USB Port:** Insert USB flash drives for audio playback.
- **SD/MMC Card Slot:** Insert SD or MMC cards for audio playback.
- **TREBLE Knob:** Adjusts the high-frequency audio output.
- **BASS Knob:** Adjusts the low-frequency audio output.
- **MIC VOL Knob:** Controls the volume of the connected microphones.
- **KARAOKE MIC1/MIC2 Inputs:** 4-inch jacks for connecting microphones.
- **MODE Button:** Cycles through input modes (Bluetooth, USB, SD, FM, RCA).

- **PREV/NEXT Buttons:** Skips to the previous or next track/station.
- **PLAY/PAUSE Button:** Starts or pauses playback.
- **REPEAT Button:** Toggles repeat modes for media playback.
- **VOLUME Knob:** Adjusts the overall master volume.
- **Display Screen:** Shows current mode, track information, or FM frequency.

4.2 Rear Panel Connections



Image: Detailed rear view of the Anytek AV-29BT amplifier, showing audio input, speaker terminals, FM antenna, and power inputs.

- **AUDIO INPUT (R/L):** RCA jacks for connecting external audio sources like CD players, tuners, or tape decks.
- **SPEAKER SYSTEM (4Ω-16Ω) Terminals:** Connect your passive speakers here. Ensure correct polarity (Red for positive, Black for negative).
- **FM ANT:** Connection point for the FM antenna (included). Extend for better reception.
- **POWER DC INPUT (DC12V/5A):** For connecting to a 12V DC power source (e.g., car battery).
- **POWER (110V/60Hz):** AC power input for standard wall outlets.

4.3 Initial Setup Steps

1. **Connect Speakers:** Connect your passive speakers to the SPEAKER SYSTEM terminals on the rear panel. Ensure the impedance of your speakers is between 4Ω and 16Ω. Match the positive (+) and negative (-) terminals correctly.
2. **Connect Power:** Plug the amplifier into a standard AC 110V/60Hz wall outlet using the provided power cord, or connect to a DC 12V/5A source if using in a car or with a battery.
3. **Connect FM Antenna:** Attach the included FM antenna to the FM ANT port and extend it for optimal radio reception.
4. **Connect Audio Source:**
    - For Bluetooth: Ensure your device's Bluetooth is enabled and ready to pair.
    - For USB/SD: Insert your USB drive or SD card into the respective slot.
    - For RCA: Connect your external audio device (e.g., CD player) to the AUDIO INPUT (R/L) jacks.
5. **Power On:** Flip the POWER switch to the "ON" position.

5. Operating Instructions

5.1 Input Mode Selection

Press the **MODE** button on the front panel or the remote control to cycle through the available input sources: Bluetooth, USB, SD, FM Radio, and RCA (Line In).

5.2 Bluetooth Pairing

1. Switch the amplifier to Bluetooth mode using the**MODE** button. The display will indicate "Bluetooth" or a similar pairing status.
2. On your mobile device (smartphone, tablet, PC), enable Bluetooth and search for available devices.
3. Select "BT-AUDIO" or a similar name from the list of found devices to pair.
4. Once paired, you can stream audio wirelessly from your device to the amplifier.



Image: Diagram illustrating Bluetooth 5.0 connectivity with a smartphone and the amplifier, along with product dimensions.

5.3 USB/SD Card Playback

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



Image: The amplifier with icons indicating support for MP3, FLAC, WMA, WAV, and APE audio formats via USB and SD card.

5.4 FM Radio Operation

1. Switch the amplifier to FM mode using the **MODE** button.
2. Press and hold the **PLAY/PAUSE** button to initiate an automatic scan for FM stations. The amplifier will save found stations.
3. Use the **PREV** and **NEXT** buttons to navigate through the saved stations.

5.5 Microphone and Karaoke Function

1. Connect up to two microphones to the **MIC1** and **MIC2** input jacks on the front panel.
2. Adjust the microphone volume using the **MIC VOL** knob.
3. You can sing along to music playing from any input source (Bluetooth, USB/SD, RCA).



Image: Visual representation of the amplifier's karaoke function, showing people singing with microphones.

5.6 Audio Adjustment

- **VOLUME Knob:** Rotate clockwise to increase volume, counter-clockwise to decrease.
- **TREBLE Knob:** Adjusts the high-frequency response of the audio.
- **BASS Knob:** Adjusts the low-frequency response of the audio.

5.7 Remote Control Usage



Image: The amplifier shown alongside its remote control, indicating remote operation capability.

The included remote control allows for convenient operation from a distance. Functions include power on/off, mode selection, track skipping, play/pause, volume adjustment, and EQ controls.

6. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the amplifier. Do not use liquid cleaners or aerosols.
- **Ventilation:** Ensure the amplifier has adequate ventilation. Do not block the ventilation openings on the top or sides of 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 Disconnection:** Always unplug the amplifier from the power source before cleaning or performing any maintenance.

7. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
No sound output.	Power off; incorrect input selected; loose speaker connections; volume too low.	Ensure unit is powered on. Select correct input mode. Check speaker wire connections and polarity. Increase master volume.
Bluetooth not connecting.	Amplifier not in Bluetooth mode; device too far; interference; previously paired device connected.	Switch to Bluetooth mode. Ensure device is within range (approx. 30 ft). Turn off Bluetooth on other nearby devices. Try unpairing and re-pairing.
FM radio static/poor reception.	Antenna not extended; weak signal.	Fully extend the FM antenna. Reposition the antenna for better signal. Perform an auto-scan again.
Loud voice prompts when changing modes/powering on.	This is a built-in feature of the amplifier.	This feature cannot be disabled. Lower the master volume before powering on/off or changing modes to minimize the impact of the voice prompt.
USB/SD card not playing.	Incorrect file format; corrupted files; card/drive not inserted correctly.	Ensure audio files are supported formats (MP3, APE, FLAC, WAV, WMA). Reinsert the USB drive/SD card. Try a different USB drive/SD card.

8. Specifications

- **Model:** AV-29BT
- **Power Output (RMS):** 100W + 100W
- **Peak Power Output (P.M.P.O):** 300W + 300W (600W Total)
- **Rated Impedance:** 4 to 16 Ohms
- **Power Supply:** DC: 12V 5A; AC: 110V/60Hz
- **Channels:** 2 Channel Stereo
- **Audio Input:** RCA (L/R), Bluetooth 5.0, USB, SD Card, FM Radio
- **Microphone Input:** 2 x 4-inch Microphone Jacks
- **Supported Audio Formats (USB/SD):** MP3, APE, FLAC, WAV, WMA
- **Product Dimensions:** 7.1 x 5.31 x 2.17 inches (18.0 x 13.5 x 5.5 cm)
- **Item Weight:** 2.2 pounds (1 kg)
- **Manufacturer:** Guangzhou Tianlong Electronics Co.,Ltd

9. Warranty and Support

This Anytek AV-29BT amplifier comes with a standard manufacturer's warranty. For specific warranty details, claims, or technical support, please refer to the warranty card included in your package or contact Anytek customer service directly. Keep your purchase receipt as proof of purchase.

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