Fenton AV550BT

Fenton AV550BT 5.1 Home Cinema Amplifier User Manual

Model: AV550BT

1. Introduction

Thank you for purchasing the Fenton AV550BT 5.1 Home Cinema Amplifier. This amplifier is designed to provide a high-quality audio experience for your home theatre system. It features Bluetooth connectivity for wireless streaming, multiple input options, and robust 5.1 surround sound capabilities. This manual will guide you through the setup, operation, and maintenance of your new amplifier to ensure optimal performance and longevity.

2. Safety Information

- Read all instructions before operating the amplifier.
- Keep this manual for future reference.
- Do not expose the unit to rain or moisture.
- Ensure proper ventilation; do not block ventilation openings.
- Disconnect the power cord during lightning storms or when unused for long periods.
- Refer all servicing to qualified service personnel.

3. What's in the Box

- Fenton AV550BT 5.1 Home Cinema Amplifier
- Remote Control
- User Manual (this document)

4. Product Overview

4.1 Front Panel

Figure 4.1: Front view of the Fenton AV550BT amplifier, showing the power button, display, USB/SD card slots, input selection buttons, volume knob, and various audio controls.

The front panel provides access to all primary controls and indicators. Key features include the power button, digital display, USB and SD card slots for media playback, input selection buttons, a large master volume knob, and individual controls for balance, bass, treble, loudness, center channel volume, surround left/right volume, echo, microphone bass/treble, and microphone volume. Two microphone input jacks are also present.

4.2 Rear Panel

Figure 4.2: Rear view of the Fenton AV550BT amplifier, displaying various audio input and output ports, speaker terminals, FM antenna connection, and power input.

The rear panel houses all the necessary connections for your audio sources and speakers. This includes multiple RCA input pairs (CD, DVD, RED, SUB), RCA output pairs, speaker output terminals for 5.1 surround sound (Center, Surround Left, Surround Right, and main Left/Right), an FM antenna input, and the AC power input.

4.3 Remote Control

Figure 4.3: The remote control for the Fenton AV550BT amplifier, showing buttons for power, mode, mute, EQ, volume, track navigation, scan, and repeat functions, along with a numeric keypad.

The included remote control allows for convenient operation of the amplifier from a distance. It provides control over power, input mode selection, volume adjustment, mute, equalizer settings, track navigation for USB/SD playback, and direct numeric input.

5. SETUP

5.1 Speaker Connection

The AV550BT supports a 5.1 channel speaker configuration. Connect your speakers to the corresponding terminals on the rear panel. Ensure correct polarity (+ to + and - to -) for optimal sound quality.

- **Main Speakers (L/R):** Connect to the "SPEAKER OUTPUT 4-8Ohm" terminals.
- **Center Speaker:** Connect to the "CENTER" terminals.
- **Surround Speakers (SL/SR):** Connect to the "SR - SL" terminals.
- **Subwoofer:** Connect to the "SUB" RCA output.

5.2 Audio Source Connection

Connect your audio sources to the appropriate input jacks on the rear panel.

- **RCA Inputs (CD, DVD, RED, SUB):** Use RCA cables to connect devices like CD players, DVD players, or other audio components.
- **USB/SD Card:** Insert a USB drive or SD card into the front panel slots for direct media playback.
- **Bluetooth:** For wireless audio streaming from compatible devices.

5.3 Power Connection

Once all audio and speaker connections are made, connect the amplifier's power cord to a suitable AC power outlet (220-240VAC, 50Hz). Ensure the amplifier is switched off before connecting to power.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

Press the **POWER** button on the front panel or the remote control to turn the amplifier on or off.

6.2 Input Selection

Press the **MODE** button on the front panel or remote control to cycle through available input sources: CD, DVD, RED, SUB, USB/SD, Bluetooth, FM.

6.3 Volume Control

Adjust the master volume using the large **VOLUME** knob on the front panel or the **VOL+ / VOL-** buttons on the remote control.
Individual volume controls for Center (CEN VOL) and Surround Left/Right (SR/SL VOL) speakers are available on the front panel for fine-tuning your 5.1 sound experience.

6.4 Tone and Effect Controls

- **BALANCE:** Adjusts the left/right channel balance.
- **BASS / TREBLE:** Adjusts the low and high frequency response of the main channels.
- **LOUDNESS:** Engages a bass and treble boost at low volume levels.
- **ECHO:** Controls the echo effect for microphone inputs.
- **M. BASS / M. TREBLE:** Adjusts bass and treble for microphone inputs.
- **MIC VOL:** Controls the volume of the microphone inputs.

6.5 Bluetooth Pairing

To connect a Bluetooth device:

1. Select the **Bluetooth** input mode using the MODE button. The display will show "BT".

2. On your Bluetooth-enabled device (smartphone, tablet, etc.), search for available Bluetooth devices.

3. Select "AV550BT" from the list.

4. Once paired, you can stream audio wirelessly to the amplifier.

6.6 USB/SD Playback

Insert a USB flash drive or SD card (with an adapter if necessary) into the corresponding slot on the front panel. The amplifier will automatically switch to USB/SD mode and begin playing compatible audio files. Use the playback control buttons (**PLAY/PAUSE, PREVIOUS, NEXT**) on the front panel or remote control.

Figure 6.6: Close-up view of the USB and SD card slots on the front panel of the Fenton AV550BT amplifier, indicating media playback capability.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the amplifier. Do not use liquid cleaners or aerosols.
- **Ventilation:** Ensure the ventilation slots on the top and sides of the unit are clear of obstructions to prevent overheating.
- **Storage:** If storing the unit for an extended period, disconnect it from power and store in a cool, dry place.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cord not connected; Power outlet faulty.	Check power cord connection; Try a different outlet.
No sound output	Incorrect input selected; Speaker wires loose; Volume too low; Mute function active.	Select correct input; Check speaker connections; Increase volume; Deactivate mute.
Bluetooth not connecting	Amplifier not in Bluetooth mode; Device too far; Device already connected to another amplifier.	Ensure amplifier is in BT mode; Move device closer; Disconnect from other devices and retry.
Fan noise is loud	Normal operation; Fan may be dusty.	The amplifier has a cooling fan that operates continuously. Ensure ventilation is not blocked. If noise is excessive, contact support.

9. SPECIFICATIONS

Feature	Detail
Model Number	AV550BT
Product Dimensions	47 x 30.5 x 11 cm
Weight	4.5 kg
Manufacturer	Tronios B.V.
Connectivity	Bluetooth, RCA, USB, SD Card
Channels	5.1 Surround Sound
Power Input	220-240VAC, 50Hz

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or visit the official Fenton website. Keep your proof of purchase for any warranty claims.
Manufacturer: Tronios B.V.