

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [AIYIMA](#) /
- › [AIYIMA T9 Bluetooth Stereo Amplifier Instruction Manual](#)

AIYIMA T9

AIYIMA T9 Bluetooth Stereo Amplifier Instruction Manual

Model: T9 | Brand: AIYIMA

INTRODUCTION

The AIYIMA T9 is a versatile Class D power amplifier featuring Bluetooth 5.0, PC-USB DAC, Coaxial, and Optical inputs, along with a classic VU meter and tone controls. Designed for home stereo speakers, it delivers powerful and clear audio, making it an excellent choice for audiophiles with diverse audio devices.



Figure 1: AIYIMA T9 Bluetooth Stereo Amplifier

PACKAGE CONTENTS

Please check the box for the following items:

- AIYIMA T9 Tube Amplifier x1
- 6K4 Tube x2
- Bluetooth Antenna x1
- Remote Control x1 (AA Battery not included)
- User Manual x1
- PC-USB Cable x1
- DC24V Power Adapter x1
- Warranty Card x1

Package includes



TUBE-T9 Tube amplifier*1

6K4 tube*2

Bluetooth antenna*1

Remote Control*1



Warranty Card *1

User Manual *1

PC-USB cable *1

DC24V Power Adapter *1

Figure 2: Included accessories and components

PRODUCT FEATURES

- **Powerful Output:** Each channel delivers 100W (4Ω), suitable for 3-8Ω passive speakers.
- **Low Frequency Output:** Dedicated output for connecting an active subwoofer to build a 2.1 channel system.
- **Multiple Digital Audio Inputs:** Bluetooth 5.0, USB, Coaxial, Optical, and stereo RCA for broad compatibility.
- **VU Meter:** Integrated VU meter with warm light for a vintage aesthetic and dynamic display of audio levels.
- **Tone Control:** Adjustable treble and bass knobs for personalized sound.
- **Vacuum Tubes:** Utilizes 6K4 vacuum tubes to soften sound and reduce digital harshness.
- **Upgraded USB DAC:** Improved USB DAC functionality for enhanced audio processing.
- **Remote Control:** Convenient remote for power, volume, mute, and track changes (Bluetooth mode).
- **Durable Build:** Aluminum alloy case for durability and aesthetic appeal.

SETUP GUIDE

1. Front Panel Overview

Front Panel Display



Figure 3: Front Panel Controls

- **VU Meter:** Displays audio output level.
- **Input Indicator:** Shows active input (Bluetooth, PC-USB, RCA, Coaxial, Optical).
- **Volume Knob:** Adjusts overall volume.
- **Mode Button:** Cycles through input sources.
- **Bass Control:** Adjusts low-frequency output.
- **Treble Control:** Adjusts high-frequency output.
- **IR Receiver:** For remote control signals.

2. Rear Panel Overview

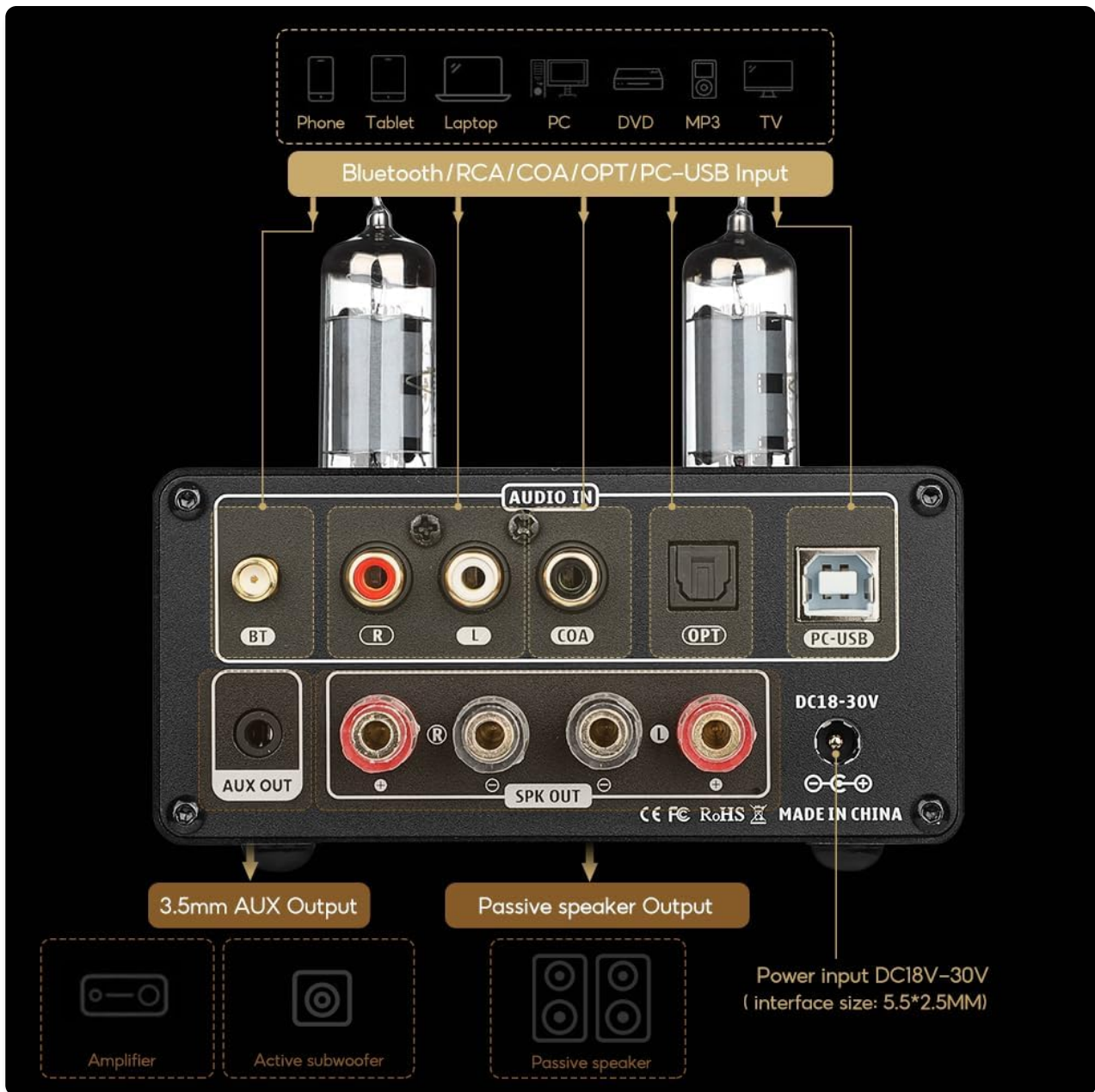


Figure 4: Rear Panel Connections

- **Audio Input (RCA):** For analog audio sources.
- **PC-USB Input:** Connects to a computer for DAC functionality.
- **Coaxial Input:** For digital audio sources.
- **Optical Input:** For digital audio sources (e.g., TV).
- **Bluetooth Antenna:** For wireless Bluetooth connection.
- **AUX Output (3.5mm):** For active subwoofers or other active devices.
- **Speaker Output (SPK OUT):** Connects to passive speakers (Left/Right).
- **DC18V-30V Power Input:** Connects to the provided power adapter.

3. Tube Installation

Carefully insert the two 6K4 vacuum tubes into their designated sockets on the top of the amplifier. Ensure they are firmly seated. The tubes will glow orange when the amplifier is powered on.

6K4 Tube Pluggable Socket

Applicable vacuum tube model: 6J1, 6J2, GE5654, 6J3, 6J4, 6J5, 6Ж1n, 6AK5, etc.



Figure 5: Tube Installation

4. Connecting Speakers and Audio Sources

Connect your passive speakers to the Speaker Output terminals on the rear panel. Ensure correct polarity (+ to + and - to -). Connect your desired audio source (e.g., PC, TV, phone) to the corresponding input on the rear panel.

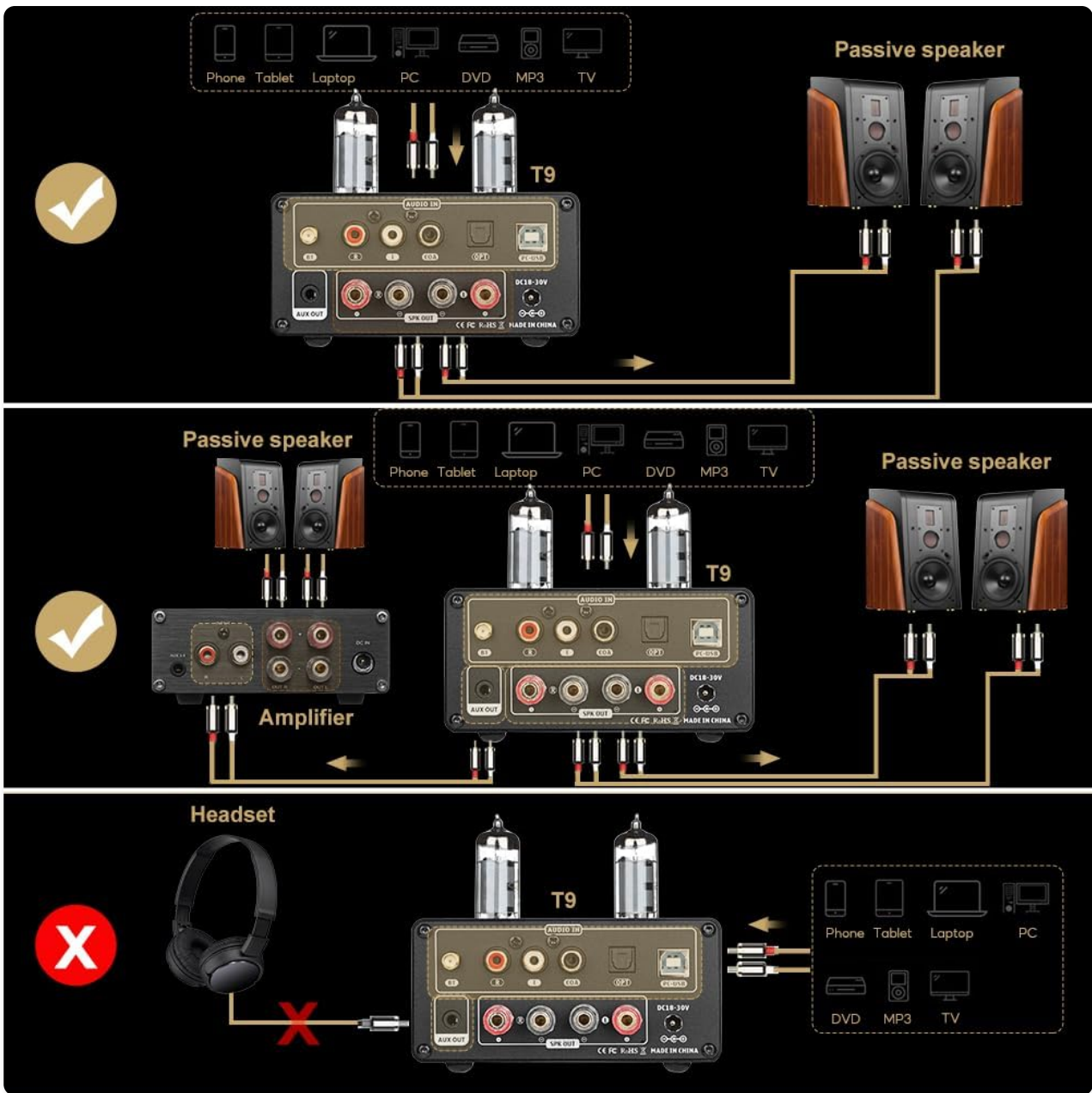


Figure 6: Speaker and Source Connection Examples

For advanced setups, the T9 can be used as a DAC input device for other active amplifiers or subwoofers via its AUX output. This allows for flexible integration into existing audio systems.

Your browser does not support the video tag.

Video 1: AIYIMA T9 DAC Amp Use for A07 MAX Bridge Mono/Stereo Amp. This video demonstrates how the T9 can be integrated as a DAC with another amplifier, showcasing its versatility in a multi-component audio setup.

Your browser does not support the video tag.

Video 2: AIYIMA T9 Be Used As DAC Decoder for A07 Power Amplifier. This video illustrates the T9's function as a DAC decoder when paired with a power amplifier, highlighting its role in a high-fidelity audio chain.

Your browser does not support the video tag.

Video 3: The Upgrade T9 DAC Amp as a DAC for A07 amplifier. This video further demonstrates the T9's capability as an upgraded DAC amplifier, showing its connection and use with another amplifier for improved audio quality.

OPERATING INSTRUCTIONS

1. Power On and Input Selection

Connect the DC24V power adapter to the amplifier and a power outlet. The unit will power on. Use the 'Mode' button on the front panel or the 'SELECT' button on the remote control to cycle through the available input sources (Bluetooth, PC-USB, RCA, Coaxial, Optical). The active input will be indicated by the corresponding LED.

2. Volume and Tone Control

Adjust the main volume using the large knob on the front panel or the VOL+/- buttons on the remote. Use the 'BASS' and 'TREBLE' knobs to fine-tune the low and high frequencies to your preference.

3. Bluetooth Pairing

Select the Bluetooth input mode. The Bluetooth indicator will blink, indicating it's in pairing mode. On your device (phone, tablet, etc.), search for 'BT HIFI AUDIO' in the Bluetooth settings and connect. Once paired, the indicator will remain solid. For the first Bluetooth connection, the system defaults to the lowest volume. You need to increase the volume on your phone to see the VU meter swing.

Your browser does not support the video tag.

*Video 4: AIYIMA T9 Tube Amplifier 100w*2. This video provides a general overview of the T9 amplifier, including a demonstration of its Bluetooth pairing process and the visual response of the VU meter to audio playback.*

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the amplifier. Avoid liquid cleaners.
- **Tube Replacement:** The 6K4 vacuum tubes have a lifespan and may need replacement over time. Ensure the amplifier is powered off and unplugged before replacing tubes. Compatible tube models include 6J1, 6J2, GE5654, 6J3, 6J4, 6J5, 6K1n, 6AK5, etc.
- **Ventilation:** Ensure adequate ventilation around the amplifier to prevent overheating.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound output	Incorrect input selection; loose speaker connections; low volume; unpowered source device.	Verify input mode, check all cable connections, increase volume, ensure source device is on.

Problem	Possible Cause	Solution
Distorted sound	Volume too high; faulty tubes; incompatible speakers.	Reduce volume, try replacing tubes, ensure speakers match impedance (3-8Ω).
Clicking sound when changing input or no audio	Normal operation for input switching; automatic sleep mode.	This is a design feature to prolong unit life. The upgraded T9 DAC Amplifier allows turning off the sleep clicking sound via remote control. If no input for 10 seconds, a prompt tone will remind you to go to sleep. Playing music again will produce a prompt tone indicating successful input.
Bluetooth connection issues	Device too far; interference; not in pairing mode.	Ensure device is within range, minimize interference, re-enter pairing mode on amplifier.
VU meter not moving	Low volume from source; incorrect input.	Increase volume on source device, ensure correct input is selected.

SPECIFICATIONS

Feature	Detail
Brand	AIYIMA
Model	T9
Output Power	100W x 2 (into 4Ω)
Channels	2.0 / 2.1 (with AUX out)
Input Interfaces	Bluetooth 5.0, PC-USB, Coaxial, Optical, RCA
Output Interfaces	Speaker Output, 3.5mm AUX Output
Vacuum Tube Model	6K4 (Pluggable Socket)
Power Supply	DC18V-30V
Material	Aluminum Alloy
Product Dimensions	3.86"L x 4.53"W
Item Weight	3.06 pounds
UPC	782846056341

WARRANTY AND SUPPORT

The AIYIMA T9 amplifier comes with a **2-year warranty** from the date of purchase. For technical support, troubleshooting assistance, or warranty claims, please contact AIYIMA customer service through the retailer where you purchased the product or visit the official AIYIMA website for contact information.

For additional resources and community support, you may find helpful discussions and user experiences on audio forums such as Audio Science Review, Audiokarma.org, Audiophile Heaven, Head-Fi, and AVSForum.