

AIYIMA[®] AUDIO

**Multi-Channels Bluetooth
Audio Power Amplifier**

USER MANUALS

Model: A09

Shenzhen Yima Technology Co.,Ltd

Website: www.aiyima.com

Telephone: 86-0755-28268551

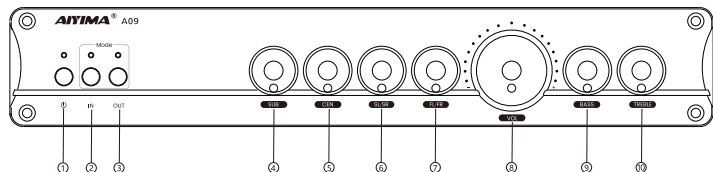
Location: 4F, Building 7 Hekan industrial park. Wuhe south road 41. Long-Gang district.

ShenZhen. CHINA. 518000

Email: sale@aiyima.com

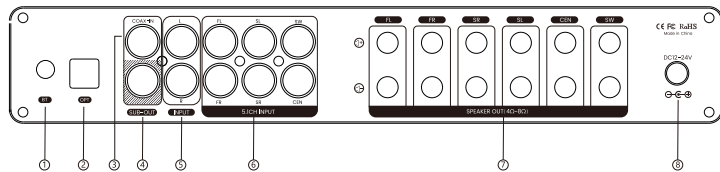
VK: <https://vk.com/aiyima>

Front Panel Introduction



- | | |
|-------------------------------|------------------------------|
| 1 — Power Switch | 2 — Input Mode Select Switch |
| 3 — Output Mode Select Switch | 4 — Subwoofer Volume Control |
| 5 — Center Volume Control | 6 — Surround Volume Control |
| 7 — Front Volume Control | 8 — Total Vol |
| 9 — Bass Control | 10 — Treble Control |

Rear Panel Introduction



- | | |
|--------------------------------------|-----------------------------|
| 1 — Bluetooth Input | 2 — OPT Input |
| 3 — COA Input | 4 — Active Subwoofer Output |
| 5 — 2.0CH Channel Input | 6 — 5.1CH Channel Input |
| 7 — 2.0CH/2.1CH/5.1CH Channel Output | 8 — Power Input DC 12-24V |

Main Parameters Specifications

Model:A09

Size: 260mm(L) x180mm(W) x48mm(H)

Net Weight:1.35Kg

Working Power:DC 24V 4.5A

Audio Input:Bluetooth/Coaxial /Optical/ 2.0 Channel Rca / 5.1 Channel Rca

Amplifier Chip:TPA3116D2

Output Power:

Front Main Channel: 50W+50W (Recommend 3-8")

Surrounded Channel: 50W+50W (Recommend 3-8")

Center Channel: 50W (Recommend 3-8")

Bass Channel: 100W (Recommend 5-10")

Output Impedance: 4-8Ω

Thd: 0.01% (@1Khz)

S/N Ratio: ≥102db

Frequency Response:

Front Main Channel: 10Hz-40Khz

Surrounded Channel: 10Hz-40Khz

Center Channel: 10Hz-40Khz

Bass Channel: 10Hz-180Hz

Treble & Bass Range: ±10db (±2db)

Supported Sampling Rate:

Coax In: 16-32Bit / 44.1-192Khz

Opt In: 16-32Bit / 44.1-192Khz

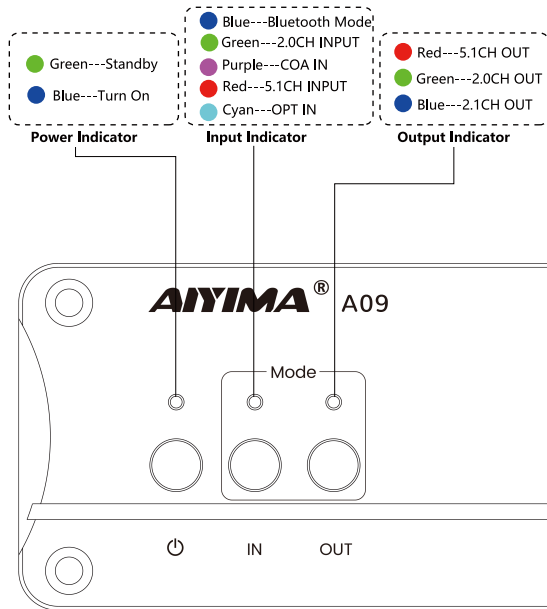
Bluetooth In: 16-24Bit / 44.1-96Khz

Bluetooth:Qualcomm 5.0, QCC3031 (Sbc/Aac/Aptx/Aptx-HD)

Initial Use Process

1. Power Connection:Connect The Dc Plug Of The Power Supply To The Power Jack Of The Amplifier, Then Connect To 220V Power
2. Speaker Connection-Connecting The Amplifier Output Interface Red Positive And Black Negative To The Speaker Positive And Negative
3. Power On:Long Press The "Start" Button Until The Indicator Light Turns Blue;
4. Input Signal Selection:Panel "Input" Button Can Switch To Wire Input Signal, Coaxial/Optical Digital Input Signal, Bluetooth (Bluetooth Mode) And Other Input Signals.
- 5.Output Mode Selection:Panel "Output" Button Can Switch Three Different Output Modes 5.1, 2.0, And 2.1 Respectively.
6. Bluetooth Connection:Select The "Input" Button On The Panel To The Bluetooth Playback Mode And Turn It On,Mobile Bluetooth Search Is Connected With The Device Name "HiFi-Spdif".
7. Standby-Press And Hold The "Stare" Button Until The Indicator Light Turns Green.

Indicator Function Guide



Have Something To Say To You

Hello, Dear Customers!

The Internal Structure Is Complicated, And a Variety Of Vital Parts Are Matched With Each Other. So It Takes a Certain Running-In Period To Reach The Ideal State Designed By The Engineer. During This Period, You Can Let The Equipment Work Continuously For a Period Of Time, Or You Can Accumulate The Equipment To Reach a Burn-In Time. In This Way, Can Effectively Improve The Delicacy Of The Sound, Become Mellow, Smooth And Elastic, And The Dynamics Are More Powerful. The Overall Sense Of Longitudinal Depth Is Also Improved. At The Same Time, The Speaker's Performance Can Be Adjusted During Process.

The Appearance Of The Body Is Made Of Aluminum Alloy Metal Shell, Which Has Good Thermal Conductivity And Durability;

The Surface Is Treated With Anodized Frosting Process, And The Texture Is Delicate And Round. High-Density Integrated Pcb Circuit Design, 100% Circuit Detection Without Breakpoints; 2 Times Better Than The Industry Standard For High-Conductivity Copper Paving Materials; Minimize External Interference With The Shortest And Efficient Wiring Method, Reasonable Design Layout, And Achieve High Fidelity Purpose.

Preparation Before Use

Thank You For Purchasing Aiyima A09 Amplifier.

Introduction To The Basic Functions Of A09 Amplifier:

Audio Signal Input: Supports Two-Channel Stereo Independent Analog Input And Six-Channel Surround Anal Input, Coaxial Optical Digital Audio Input And Bluetooth Wireless Audio Input, Suitable For Connecting Vario Audio Equipment Such As Home Tv, Computer, Mobile Phone Player.

Amplifier Power Output: Six-Channel Switchable Mode Selection Output, Respectively, Three Output Modes O 2.0 Channel, 2.1 Channel, And 5.1 Channel.

Amplifier Power Supply: Suitable For 24V DC Power Supply, The Interface Is 5.5*2.5mm, The Positive Pole Insid And The Negative Pole Outside.

Have Something To Say To You

① Can't Turn On

Check Whether The Indicator Of The Power Adapter Is On. If The Indicator Is Not On, The Power Adapter Is Fa If The Indicator Lights Up Normally, Check The Connection Between The Power Amplifier And The Power Ada Or Press step Reconnect Again.

② There Is No Sound When Playing

please Check Whether The Playback Mode Of The Power Amplifier Is Consistent With The Audio Source Input Used. Whether The Output Wiring Is Loose.

③ Only One Channel Has Sound

Does The Same Problem Exist When Switching Between Different Input Methods? Yes; Please Use a Speaker, test The Left And Right Channels In Turn. No; Please Check The Input Signal And Signal Wire.

④ The Power Amplifier Bluetooth Cannot Be Searched

- 1, Turn Off The Power Amplifier For About One Minute And Then Turn It On Again To Search For Connections, the Power Amplifier Is Currently Switched To Bluetooth Mode.
2. Bluetooth Is Occupied. When Mobile Phone A Is Connected To The Power Amplifier, Mobile Phone B Can N Longer Search For The Power Amplifier. At This Time, Turn Off The Bluetooth Of Mobile Phone A, And Mobile phone B Can Search And Connect To The Amplifier.

⑤ There Is Abnormal Noise Inside The Power Amplifier

The Power Amplifier Uses a Relay To Switch Between Wired And Wireless Signals, And When The Bluetooth Connection Is Used To Play

It Will Drive The Relay To Make a Clicking Sound When It Is Paused, Which Is Normal.