

**AIYIMA<sup>®</sup> AUDIO**

**Bluetooth 5.0  
2.0/2.1 Channel Power Amplifier**

**USER MANUALS**

**Model: A300**

**Shenzhen Yima Technology Co.,Ltd**

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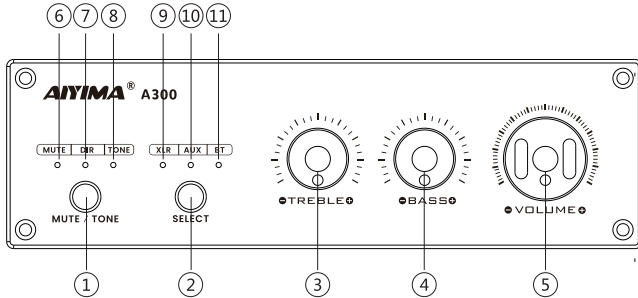
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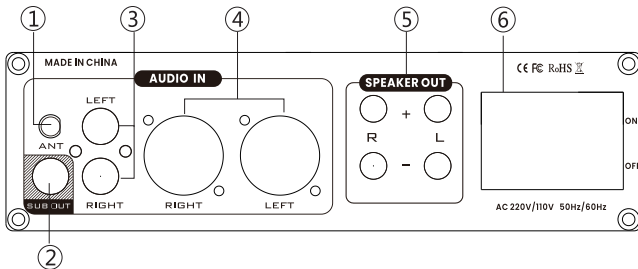
VK: <https://vk.com/aiyima>

## Front Panel Description



- 1 — Short press mute , Long press tone or passthrough
- 2 — Input selection
- 3 — Treble adjustment knob
- 4 — Bass adjustment knob
- 5 — Master volume adjustment knob
- 6 — Mute
- 7 — Pass through mode
- 8 — Tone mode
- 9 — XLR ( balance )
- 10 — AUX
- 11 — Bluetooth

## Rear Panel Description



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- 1 — Bluetooth antenna jack
- 2 — Subwoofer output jack ( Connect additional amplifiers )
- 3 — AUX input jacks
- 4 — XLR ( balance ) input jacks
- 5 — Speaker output jacks
- 6 — AC input&Power on/off

## About the AIYIMA A300

This A300 Use the TPA3255 high performance and low distortion amplifier chip;the chip power can reach maximum 300W;

Because the output of the Amplifier is related to the supply size of the power supply,Our A300 Amplifier Built -in 42V8.5A power supply;

So the A300 each channel can output 215W (4Ω@thd+n=10%);170W (4ohm @thd+n=1%);120W (8ohm@thd+n=10%);95W (8ohm@thd+n=1%);156W (6ohm@thd+n=10%);125W (6ohm@thd+n=1%);

And this A300 Add an additional XLR input design and subwoofer output,can match perfectly and easily to drive your passive speakers and Powered Subwoofer;

## POWER AMPLIFIER-TPA3255 A300 High Power Digital Power Amplifier

### TPA3255 Effective Power 300W (MAX) X2

Hifi-Level High Fidelity Sound Effects • Surging Power Shocking People's Mind

### Bluetooth 5.0 Bluetooth

Using Qualcomm QCC3034 Chip, Supporting SBC, AAC, Aptx, Aptx-HD, Independent PCM5102 Bluetooth Decoding, Compared Beauty With CD.

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## Specifications

Chips	TPA3255+QCC3034+ES9023+NE5532
Audio inputs	AUX(unbalance),XLR(balance),Bluetooth
Bluetooth audio codecs	aptX, aptX Low Latency, aptX HD, AAC SBC
Bluetooth version	5.0
Input sensitivity	0.74V
Max output power	200W@4Ω , 10% THD+N
Speaker impedance	4-8Ω
Respond ( DIRECT)	20-20kHz +-3dB
Respond ( TONE)	Bass ±12dB , Treble ±6dB
SNR	> 92dB
Input Voltage	AC100-120V/AC200-240V

## Troubleshooting And Handling

### ① Can't Turn On

Please Fully Contact The Power Supply Or The Ac Input Port And Plug It Tightly. Check Or Select Other Power Sockets Or Power Strips Of The Wall Mains.

### ② There Is No Sound From Rca

Straightly Look At The Machine Signal To Select The Gear, Whether The Selection Is Correct.

### ③ Only One Channel Has Sound

Whether There Are The Same Problems When Switching Between The Two Input Methods, If So; Po Uses 1 Speaker, And Tests The Left And Right Channels In Turn. No; Please Check The Input Signal And Signal Line.

### 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 Connect It Again.

2. Bluetooth Is Paired, When Mobile Phone A Is Connected To The Power Amplifier, Mobile Phone B Can No Longer Find Amplifier. At This Situation, Turn Off The Bluetooth Of Mobile Phone, And Mobile Phone B Can Search And Connect To The Power Amplifier.

### ⑤ There Is Abnormal Noise Inside The Power Amplifier

The Power Amplifier Uses a Relay To Switch Between Wired And Wireless Signals. When The Bluetooth Connection Is Paused, It Will Drive The Relay To Make a Click. This Is a Normal Phenomenon