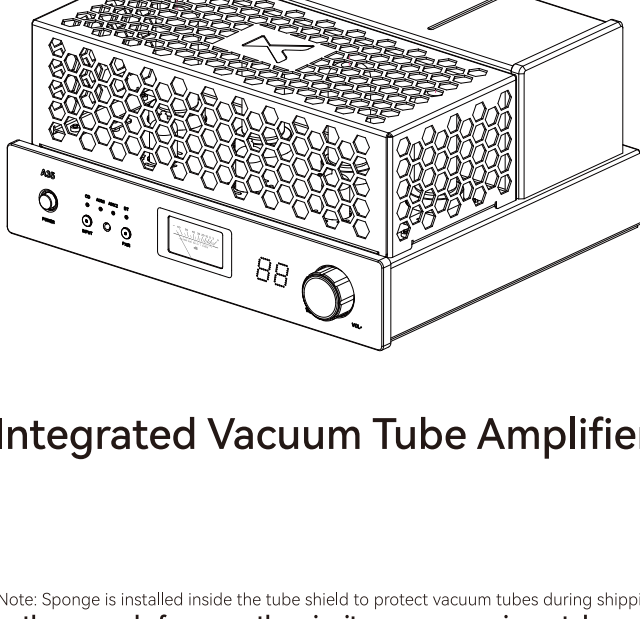




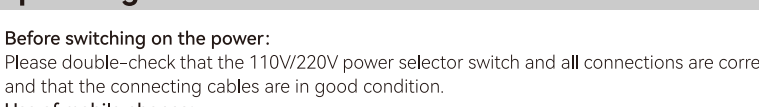
Note: Sponge is installed inside the tube shield to protect vacuum tubes during shipping.

Remove the sponge before use, otherwise it may cause equipment damage or fire.

Please read the user manual carefully before use.

Safety Instructions

1. If the unit is not to be used for an extended period, disconnect the power plug from the AC outlet.
2. The surface of this unit becomes hot during prolonged operation. Do not block the ventilation openings, and place the unit in a well ventilated area. Poor ventilation may cause overheating inside the unit, which could result in malfunction or fire.
3. During operation, the vacuum tubes become extremely hot. Do not touch them with your hands directly.
4. Do not operate this unit without a load, as this may damage the unit.
5. This unit must not be exposed to dripping or splashing water. Do not place objects filled with liquid, such as vases, on the unit, to avoid electric shock or damage to the unit.
6. Do not open or modify the unit for repair by yourself. There are no user serviceable parts inside this product. Repairs must be performed by qualified personnel. Opening the unit or modifying the internal circuits without authorization will not only complicate future repairs but also impair the performance and quality of the unit.



Operating Precautions

1. **Before switching on the power:**
Please double-check that the 110V/220V power selector switch and all connections are correct, and that the connecting cables are in good condition.
2. **Use of mobile phones:**
Using a mobile phone near this unit may cause noise during playback. If this occurs, use the mobile phone away from the unit.
3. **Moving the unit:**
Disconnect the power cord from the power outlet, and disconnect all cables connected to other system equipment before moving the unit.

Product Description

The A35 is a high-end integrated tube power amplifier, equipped with three groups of analog inputs and one Bluetooth input, and features a VU meter for real-time status indication.

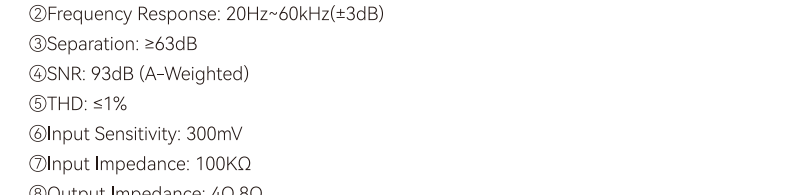
The preamplifier and long-tailed phase inverter circuit employ 1 piece of 12AX7 tube and 2 pieces of 12AU7 tube, all custom-tuned by our company. The power amplifier stage adopts a push-pull configuration with 4 pieces of EL34 tubes, delivering up to 45W output per channel.

Featuring an all-tube circuit design, the unit produces a smooth, delicate, pure, natural and warm sound, suitable for enjoying all kinds of music genres.

Product Features

1. Pure tube design, fully handcrafted, with the tube part adopting point-to-point soldering technology;
2. Adopts XDuoo custom-tuned EI-type output transformer, featuring wide frequency response and high quality;
3. Adopts XDuoo custom-tuned EI-type power transformer, with low noise and high efficiency;
4. The voltage amplification stage uses 1 piece of 12AX7 tube for amplification, matched with 2 pieces of 12AU7 tubes to form a long-tailed phase inverter circuit;
5. The power amplification stage adopts 4 pieces of EL34 tubes to form a push-pull power amplification circuit;
6. The circuit adopts ultra-linear working mode, with excellent dynamic performance, wide frequency response range, strong low-frequency driving force, rich sound layers, and compatibility with various music styles;
7. Equipped with TI's PGA2311 precision volume control chip, featuring low noise, low distortion and no sound coloration, bringing a better listening experience;
8. Equipped with 3 groups of analog input interfaces, and supports Bluetooth input function at the same time;
9. Built-in Bluetooth 5.1 module, compatible with SBC, AAC, aptX and aptX HD decoding formats;
10. Built-in high-performance ES9018K2M DAC chip;
11. The main filter capacitors are selected from audio high-fidelity dedicated capacitors, delivering soft and warm sound quality, loose and full low frequencies, and transparent and gorgeous high frequencies;
12. Built-in output relay protection circuit, which effectively avoids switch-on/off impact noise, and provides double protection for the speakers and the whole unit under abnormal working conditions.

Parts and Controls



- ① **Power Switch:** Press to turn on; release to turn off.
- ② **Input Channel Indicator Light:** When the corresponding input channel is selected, the indicator lights up.
- ③ **Input Selection Key:** Short press to switch between four input channels in turn: CD, AUX1, AUX2, and BT.
- ④ **Infrared Remote Control Receiver**
- ⑤ **Bluetooth Pairing Key:** Press and hold the key for 3 seconds to disconnect the Bluetooth connection and for re-pairing. (The indicator flashes when Bluetooth is not connected; the indicator stays on when Bluetooth is connected.)
- ⑥ **VU Meter**
- ⑦ **Volume Display**
- ⑧ **Volume Knob**
- ⑨ **CD Input:** connect to CD players' AUX out or Line out.
- ⑩ **AUX1 IN:** Connect the Line out or AUX out of the decoder and player.
- ⑪ **AUX2 IN:** Connect the Line out or AUX out of the decoder and player.
- ⑫ **Bluetooth Antenna Port:** Insert the Bluetooth antenna included in the accessory box.
- ⑬ **Right Channel Speaker Terminal:** When wiring, it must correspond to the positive and negative poles of the speaker respectively, supporting speakers with 4Ω and 8Ω impedance.
- ⑭ **Left Channel Speaker Terminal:** When wiring, it must correspond to the positive and negative poles of the speaker respectively, supporting speakers with 4Ω and 8Ω impedance.
- ⑮ **Main 110V/220V Power Selector Switch:** The corresponding power voltage can be switched according to the local mains specification.
- ⑯ **Fuse Holder (250V5A), including a spare fuse.**
- ⑰ **AC Power Input Port**
- ⑱ **EL34 Tube**
- ⑲ **12AX7 Tube**
- ⑳ **12AU7 Tube**
- ㉑ **Remote Control Button:** Input Channel Switch
- ㉒ **Remote Control Button:** Volume Up
- ㉓ **Remote Control Button:** Volume Down
- ㉔ **Remote Control Button:** Mute
- ㉕ **Remote Control Battery Compartment**

Product Specifications

1. **Power Supply:** AC 110V(100-120V)/220V(220-240V)
2. **Inputs:** CD IN,AUX1 IN,AUX2 IN,Bluetooth
3. **Tubes:** 12AX7×1,12AU7×2,EL34×4
4. **Bluetooth Supported Formats:** SBC,AAC,aptX,aptX HD
5. **Output Parameters:**
 - ①Output Power: 45W (8Ω Load) / Channel
 - ②Frequency Response: 20Hz~60kHz(±3dB)
 - ③Separation: ≥63dB
 - ④SNR: 93dB (A-Weighted)
 - ⑤THD: ≤1%
 - ⑥Input Sensitivity: 300mV
 - ⑦Input Impedance: 100KΩ
 - ⑧Output Impedance: 4Ω,8Ω
6. **Power Consumption:** 232W
7. **Dimensions:** 38*34*20cm
8. **Weight:** 20kg

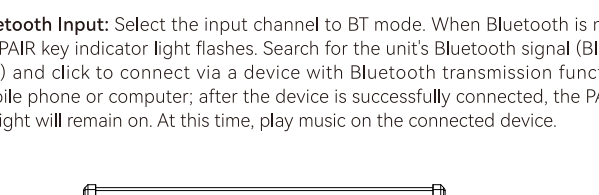
Accessories

1. Power Cable × 1
2. Bluetooth Antenna × 1
3. Remote control × 1
4. Instruction Manual × 1
5. Warranty Card × 1
6. AAA battery × 2

Audio Input Connection

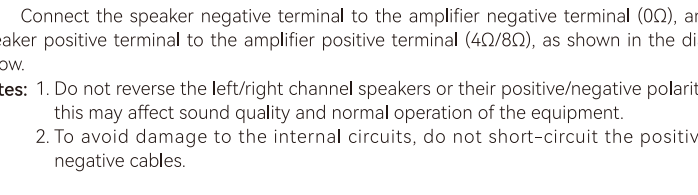
1. **Analog Input:** Select the input channel to CD, AUX1 or AUX2, connect to the corresponding input interface using an RCA audio cable, and then connect to a playback device with Line out/aux out audio output function. Among them, the red connector (marked with R) is used to connect the right channel, and the white connector (marked with L) is used to connect the left channel.

Note: Do not plug in the power cord before completing all connection operations to avoid circuit damage.



Note: Do not bundle audio cables together with power cables, as this may cause hum noise.

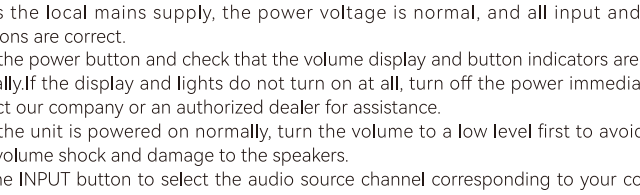
2. **Bluetooth Input:** Select the input channel to BT mode. When Bluetooth is not connected, the PAIR key indicator light flashes. Search for the unit's Bluetooth signal (Bluetooth name: A35) and click to connect via a device with Bluetooth transmission function such as a mobile phone or computer; after the device is successfully connected, the PAIR key indicator light will remain on. At this time, play music on the connected device.



Speaker Connection

Connect the speaker negative terminal to the amplifier negative terminal (0Ω), and the speaker positive terminal to the amplifier positive terminal (4Ω/8Ω), as shown in the diagram below.

- Notes:**
1. Do not reverse the left/right channel speakers or their positive/negative polarities, as this may affect sound quality and normal operation of the equipment.
 2. To avoid damage to the internal circuits, do not short-circuit the positive and negative cables.



Power-On Operation

Before powering on, please confirm again: The voltage setting of the power selector switch matches the local mains supply, the power voltage is normal, and all input and output connections are correct.

1. Press the power button and check that the volume display and button indicators are working normally. If the display and lights do not turn on at all, turn off the power immediately and contact our company or an authorized dealer for assistance.
2. After the unit is powered on normally, turn the volume to a low level first to avoid instant high-volume shock and damage to the speakers.
3. Use the INPUT button to select the audio source channel corresponding to your connected device, then adjust the volume to a comfortable level for listening.

Warranty Information

Our product is provided with a **12-month free warranty service** starting from the date of sale. If the product is used beyond the 12-month warranty period from the date of sale, we will charge a reasonable cost for parts based on the actual fault condition of the product.

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