

TIKA

**AUDIO AMPLIFIER  
INSTRUCTION MANUAL**

Model : WISTERIA

# WARNING

These instructions must be read before starting the connection or operation, otherwise the amplifier may be risk to mis-operational damage.

Please read and understand the operation and application in detail below.

This is a very high quality amplifier, features with new technology. It is the industry leading audio system for reproducing accurate sound. Only careful installation and correct operation can provide you with the satisfaction you expected. The installation instructions and precautions must be strictly followed to achieve the desired results without affecting the performance of the amplifier.

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## 1. Unpacking

Wisteria comes with:

- Amplifier
- Remote Control
- Instruction Manual
- El cheapo Power Cord Excluded (Please use your own audiophile power cord for best sound)

## 2. Operational Voltage

The normal working voltage of the Wisteria is AC 100-120V for AC110 option, and AC 200V~245V for AC230 option. If your normal operating voltage is outside the above range, please consult us.

The Wisteria is protected by a fuse located at the IEC inlet, rated at 8A slow blow fuse.

### 3. Connections

Connect the power cord to the IEC inlet of the amplifier and plug it into the power plug socket. For safety reasons, a 3-wire grounding (earth) plug must be used, whenever possible.

In order to get the best sound from the amplifier, avoid using any multiple plugs socket or extension cords.

The signal input connections are located at the center of the rear panel with indication of "LEFT IN" and "RIGHT IN" respectively.

You may use either RCA or XLR connection to source devices. The XLR Pinout is as follow:

- Pin 1 (Shield)
- Pin 2 (Hot)
- Pin 3 (Cold)

**Note:** The same set of inputs pair should be connected. For example, LEFT IN uses CH1, and RIGHT IN must also use CH1.

## 4. Control

### Power Up

The power inlet IEC of the Wisteria is located at the rear panel. After the power is supplied to the amplifier, it will be in *Standby* state.

Press the volume button the front panel once. The display indicator light flashes signify a *Start Up* sequence. The input signal source (CH1-4) and volume display appear once the amplifier is started in *Operational* state.

### Volume adjustment

Rotate the front panel right knob (VOLUME) to adjust the volume, to reduce volume, turn left; to increase volume, turn right. Each step is logarithm increment, there are total 128 steps.

## 5. Remote Control

The Wisteria comes with full function remote control.

**POWER** (On/Off EX-M1)

**MUTE**    **LIGHTING** (Dim/Brighten the Display)

**CH+ CH-** (Input Source Selection)

**V+ V-**    (Volume Control)

## 6. Technical Parameters

**Frequency Response:** 20Hz-20kHz

**THDN:** 0.0052%

**S/N Ratio:** >103dB

**Output Power:** 180W RMS (8Ω)

**Damping Factor:** 200

**Max Output Voltage:** 55VAC

**AC Power:** 110/240VAC, 50/60Hz (Factory configure)

**Input Sensitivity:** 1.25Vrms - 3.6Vrms

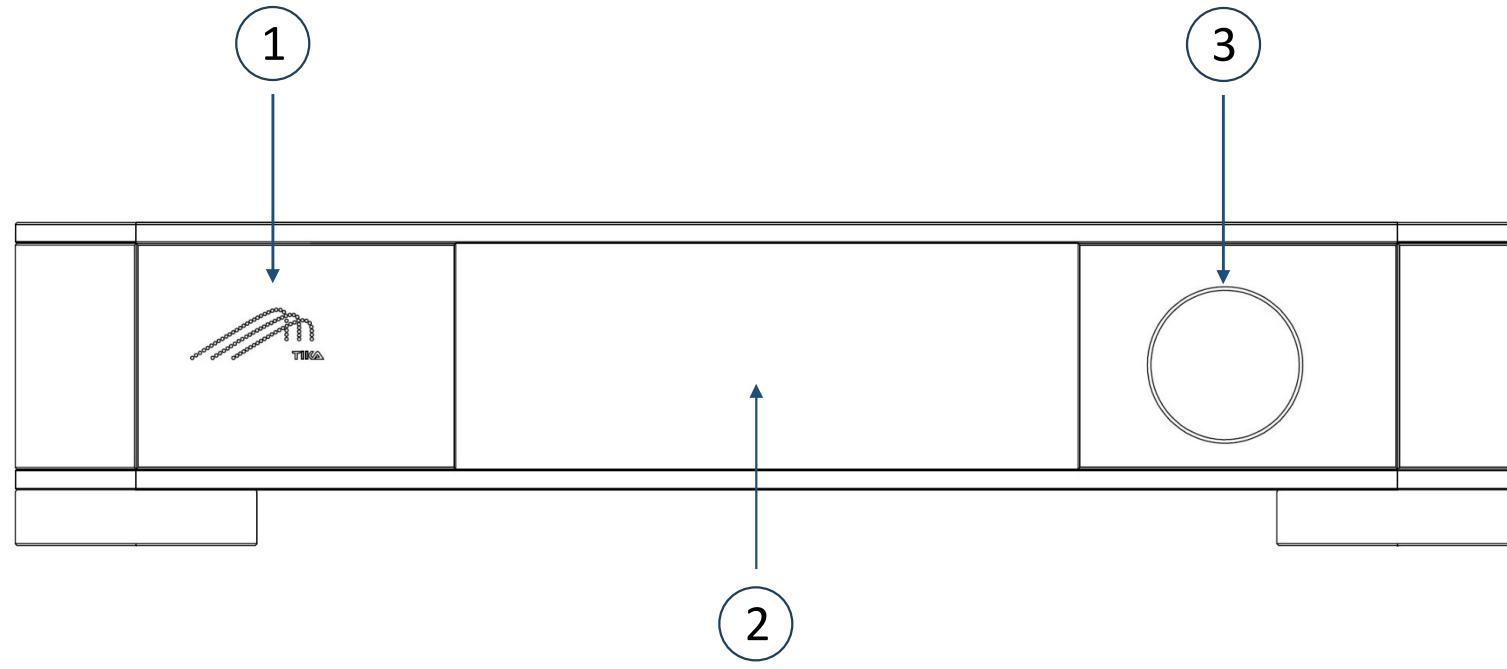
**Input Impedance:** 50kΩ

**Input Connector:** RCA x 2, XLR x 1 , BLUETOOTH x 1

**Output:** Speaker Binding Post 4mm L/R Channel

**Dimension:** 435W x 82H x 350D

**Weight:** 16KG

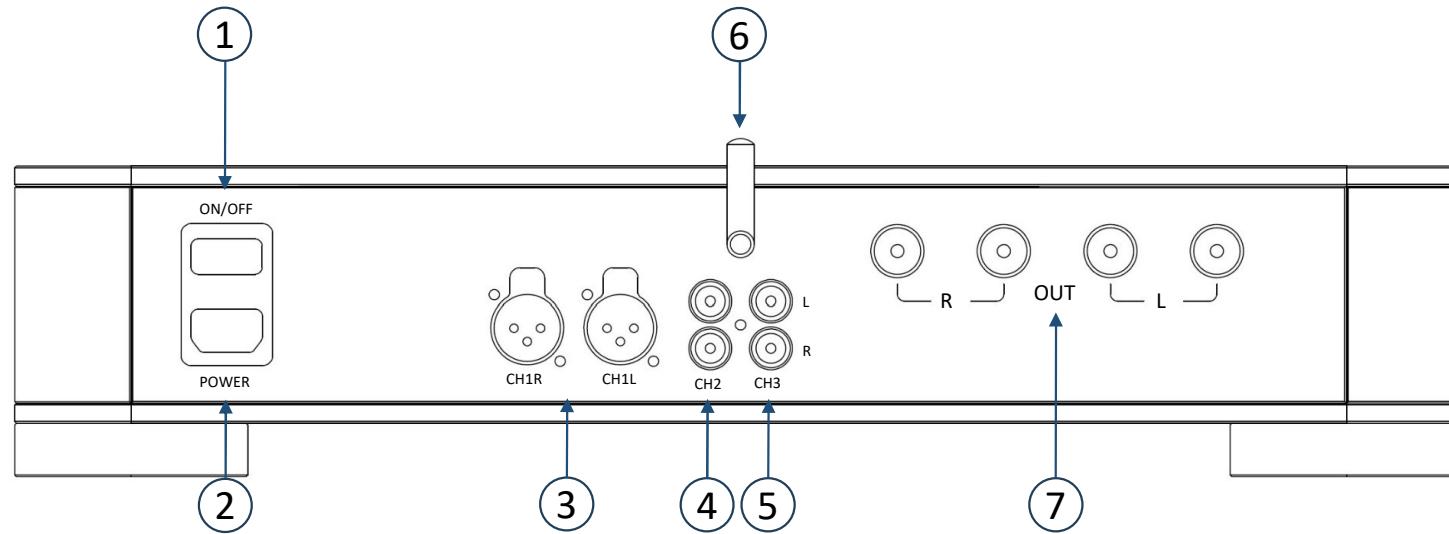


① Power indicator light

② Display

③ Power switch & Volume & Channle select

**Front Panel**



- ① Main switch
- ② Power input
- ③ CH1(XLR)
- ④ CH2(RCA)
- ⑤ CH3(RCA)
- ⑥ Antenna
- ⑦ Speaker output

## Rear Panel

## FCC Caution:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.