TONE WINNER

AT-1200
User Manual

ISO9001 Quality Management System Certified Enterprise

Product packing list

Number	Item	Quantity
1	Manual	1 pcs
2	Power line	1 pcs
3	Certificate of qualification	1 pcs
4	Remote control	1 pcs
5	HDMI cable(4K)	1pcs

Pollution Control Sign and Content Description

The symbol indicates that the product can be reused. The figure indicates the term of service of environmental protection. The product will not cause environmental pollution or affect human body and property within the term of service expressed by the figure since the date of manufacture as long as the safety and operating precautions on the product are obeyed.

Name and Content of Toxic or Harmful Substance or Element in the Product

Name of Parts	Toxic or Harmful Substance or Element					
	Lead Pb)	Mercury Hg)	Cadmium Cd)	Hexavalent chromium Cr)6+	Polybrominated (PBB)	Biphenyls polyphenyls (PBDE)
Body/Box	○	○	○	○	○	○
Equipped Baseplate/ Electrical Part	×	○	○	○	○	○
Plastic Structural Member	○	○	○	○	○	○
Metallic Structural Member	○	○	○	×	○	○
Cable	○	○	○	○	○	○
Transformer	○	○	○	○	○	○
TransformerLoudsp-eaker/ Microphone	×	○	○	×	○	○

Marks:

"○ "means the content of the hazardous toxic substance is lower than SJ/T11363-2006 standard required.

"× "means in a homogeneous material of the component the contentof the hazardous toxic substance is higher than SJ/T11363-2006 standard required.

Note："× " as there are no substitutable substances under the existing technology

Thank you for using our audio products. With the philosophy of "high technology, high quality and high taste", we make products with durable materials, exquisite technique, rigorous circuit & advanced technology and offer professional service!

Contents

Safety Warnings and Protective Measures

1 Read the protective measures: read all warning messages about protection and operation in the instructions carefully before using the equipment.

2 Follow instructions: please follow the instructions and do not violate the instructions.

3 Place the product on where manufacturer recommends: to avoid overturning, do not push too hard or suddenly stop when moving.

4 Keep away from water and moisture: do not place equipment near water such as bathtub, basin, sink, washing machine, etc. Do not use equipment at high temperatures or high humidity environment, such as a damp basement.

5 Cleaning: do not use liquid or mist cleaners. Please use dry cloth to clean. Turn off the machine and power off before cleaning the equipment.

6 Power supply: use the power supply according to marks and tags. Connect and place the wires properly. Do not step on wires to avoid damage. Pay special attention to wires to plugs, receptacles and connecting ports.

7 Ventilation: the cabinet of equipment is designed with venting holes. To ensure reliable performance, please avoid overheating and do not cover the equipment. Do not use the equipment on beds, sofas, carpets etc.

Newspapers, tablecloths, curtains, and other objects may block venting holes. Do not put the equipment close to window curtains. If it is put in devices such as bookcase and rack, please pay attention to the ventalitaion and cooling. Keep a distance of 10cm (4") on left, right, top and rear sides. Equipment bracket or rear of top cover should have a distance of 10 cm (4 ") to rear panel or the wall, to keep venting space.

8 Keep away from heat: do not put that machine near heat sources, such as radiators, stoves and other objects that generate heat (including power amplifiers).

9 Prevent unknown objects or liquids - objects or liquids should be prevented from falling through the holes into the equipment, because it might contact with current or live parts that might cause fire or electric shock. Do not place the equipment in rain or water splashing place. Do not put water containers such as vases on top of it.

10 Please connect well all input/output wires before switching on.

11 Thunder and lightning: unplug the power cable in thunder and lightning weather because it can effectively prevent lightning impulses to protect the equipment.

12 Protections: unplug the machine when you do not use it for long period. Good grounding can prevent the machine from being damaged.

13 Maintenance: do not open the cabinet without professional instruction to avoid electric shock. Contact with the product managers where you buy this machine in the following cases:

a) Unknown parts or liquid enter the machine.

b) The machine is soaked.

c) The machine works abnormally.

d) Machine falling or damage.

14 Battery: for environment protection, please dispose batteries in appropriate ways.

15 Disconnection device of main power supply: this machine uses power plug and coupler as the disconnecting devices. Power plug and coupler should be easily operated.

16 This product is only suitable for safe use in altitude below 2000m.

17 This product is not suitable to be used in tropical climates.

Main Features

1 Support Atmos audio format decoding.

2 Support HDMI2.0, HDCP2.2.

3 Support 4K/60Hz, RGB4:4:4, 18GHz bandwidth HD video signal.

4 Support HDR 10 video signal.

5 Support two top-channel speaker outputs.

6 Built-in digital Bluetooth audio receiver.

7 Built-in music playing device; support multi-level folder arrangement of music files from TF card & USB disk; support lossless & compressed audio formats including FLAC, APE, WAV, MP3, etc.

8 Support smart phone App control.

9 Support speaker configurations from 2.0 to 5.1.2.

10 HDMI 4 in 1 out, 4 way analog inputs, 1 way coaxial input and 1 way optical input.

11 5 channel speaker out, 100 watts (6Ω, RMS) per channel.

12 Support RS232 protocol.

13 Support HDMI ARC and CEC Consumer Electronics Control.

14 Support 7 band parameters EQ for each channel.

Front Panel
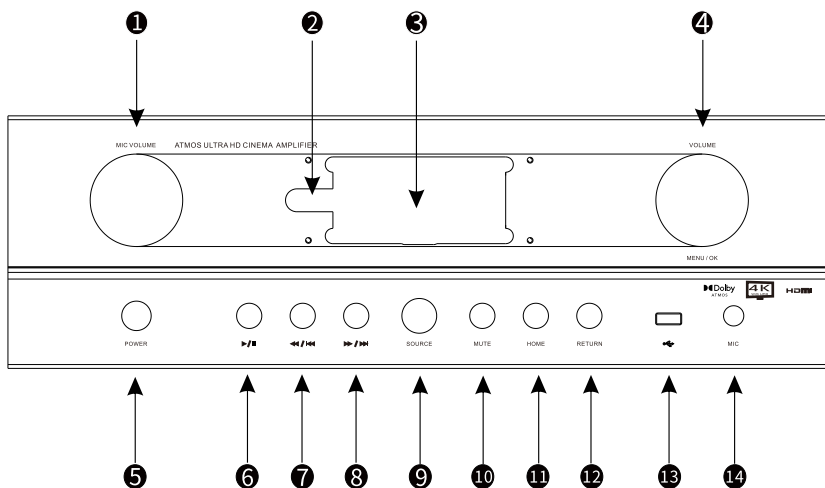
❶ MIC VOLUME knob

Turn the knob to adjust microphone volume.

Turn the knob to select a song when a TF card or USB disk is inserted.

❷ Remote control sensor

Receive remote control signals.

❸ Display screen

Display the input source, volume and current status.

❹ VOLUME/ MENU/ OK knob

(1) Turn the knob to adjust volume when it's on home interface.

(2)Press the knob to enter the menu.

❺ POWER button

Turn on/ off the unit.

❻ Play/pause button

❼ Last/ fast-reverse button

Short press to play the previous song. Long press to make the song fast-backward.

❽ Next/ fast-forward button

Short press to play the next song. Long press to make the song fast-forward.

❾ SOURCE button

Press the button to select an input source.

❿ MUTE button

Mute or unmute the unit.

11 **HOME button**

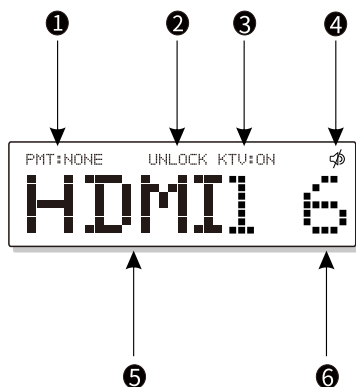Switch between home interface & menu; directly return to home interface.

12 **RETURN button**

Return to the last step.

13 **USB disk port**

14 **MIC jack**

Connect to wired microphone.

Front Display Screen

1 **Input signal indicator**

Indicate the current input signal.

2 **LOCK/ UNLOCK indicator**

Indicate the unit locked/ unlocked status.

3 **KTV ON/ OFF indicator**

Indicate the unit Karaoke mode ON/ OFF status.

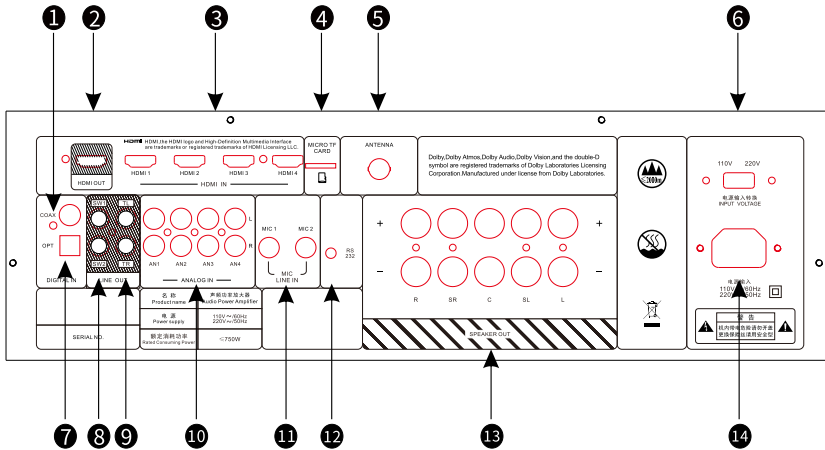**4** **Mute/ unmute indicator**

Indicate the unit mute/ unmute status.

5 **Input source indicator**

Indicate the current input source.

6 **Volume indicator**

Indicate the current volume.

Rear Panel

① **Coaxial input jack**

② **HDMI OUT jack**

The HDMI ARC jack is for devices with ARC.

③ **HDMI IN jacks**

4 way HDMI inputs for connecting to an HDMI-compatible devices.

Better first choose HDMI1, HDMI2 & HDMI3 jacks.

④ **MICRO TF CARD port**

For TF card input.

⑤ **Bluetooth ANTENNAS**

⑥ **VOLTAGE Selector**

Slide from edge: 220V-230V

Slide to edge: 110V-115V

Select the switch position according to your local voltage.

The voltage showed on the red switch is the selected voltage.

⑦ **Optical input jack**

⑧ **Subwoofer output jacks**

⑨ **TL/SBL, TR/SBR decoding output jacks**

Top left/left back surround, top right/right back surround decoding outputs.

⑩ ANALOG IN jacks

4 way analog inputs AN1, AN2, AN3, An4.

⑪ MIC IN jacks

2 way wireless microphone inputs MIC1, MIC2.

⑫ RS232 port

For remotely controlling the unit.
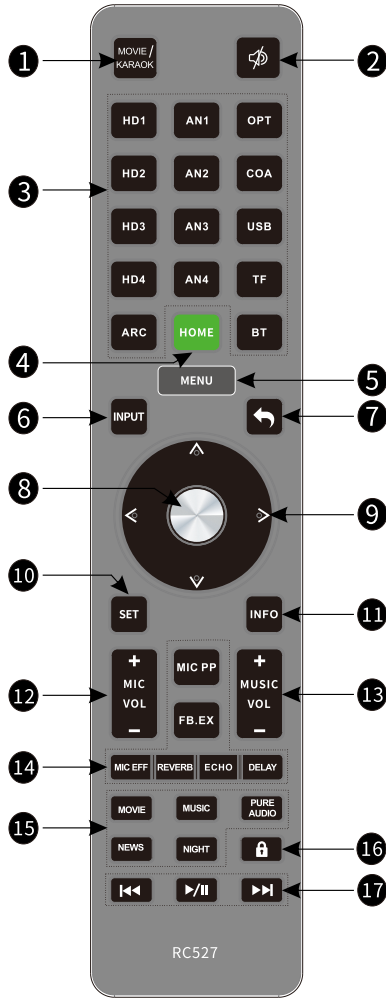
⑬ SPEAKERS OUT terminals

5 channel speaker outputs.

⑭ Power jack

First make sure you select the appropriate voltage on ⑥ VOLTAGE Selector.

Then connect to the mains electricity according to you local voltage.

Remote Control

RC527

1 **MOVIE/KARAOKE button**

Select movie/Karaoke mode.

2 **Mute button**

Mute or unmute the audio.

3 **Input source selection buttons**

Select an input source.

-9-

④ HOME button

Press to directly return to home interface.

⑤ MENU button

Operate the menu.

⑥ INPUT source selection button

Roll-select an input source.

⑦ Return button

Return to the last step.

⑧ OK button

Confirm the selection or operation during menu setting.

The same function as pressing VOLUME/ MENU/ OK knob.

⑨ ▲,▼,◄,► direction buttons

Switch during the menu operation.

⑩ SET button

Display the setting options.

⑪ INFO button

Display the information of this unit.

⑫ MIC VOL +/- button

Adjust the microphone volume only in Karaoke mode.

⑬ MUSIC VOL +/- button

Adjust the music volume of the unit.

⑭ Microphone effect selection buttons

Press MIC PP button to select a microphone mode among 3 personal modes and 20

factory modes by pressing the MIC VOL +/- button. Press FB.EX button to adjust the

feedback extend parameter to deal with a howling microphone, etc.

⑮ Audio mode selection buttons

Select from movie/music/news/night/pure modes.

⑯ Lock button

Long press for 5s to lock or unlock the unit.

⑰ Music playback operation buttons

Previous fast-backward/play pause/next fast-forward buttons.

Only works when the unit is reading a USB disk or TF card.

Connecting Instruction
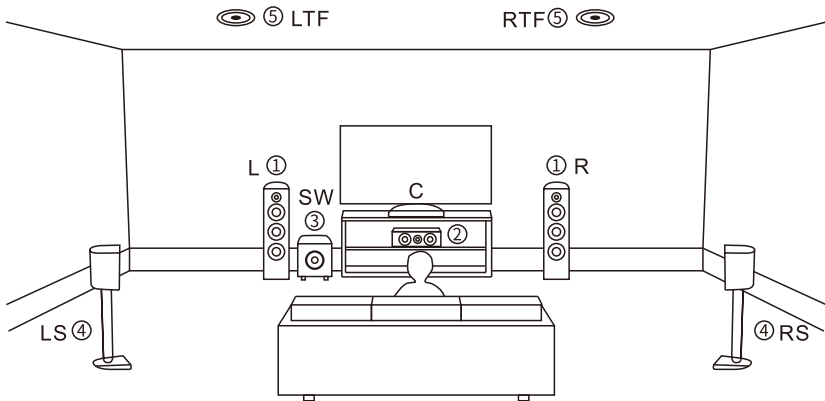
5.1.2 Speaker Layout Diagram

You can use the 5.1.2 system diagram above as a reference to arrange your speakers.

① **Left and right speakers**

Front left and right speakers can create the overall soundstage. Place the speakers in front of the user at ear-listening level. Toe-in the speakers inwards and create an equilateral triangle between the user and the two speakers so that they meet to a point that goes behind the user. Then adjust the angle to find the position where the audio has better soundstage and imaging.

② **Center speaker**

The center speaker produces most of the dialogue and vocals and reinforces the sound effect of front left and right speakers. Place the center speaker under or above the display device and make sure it faces to the user at ear-listening level or at the same level as the front left and right speakers.

③ **Subwoofer**

The subwoofer adds emotion and impact, and handles the bass in the sound field. The sound quality and volume of the subwoofer are closely related to the shape of your audio room and the listening position. In general, place the subwoofer in the front corner, or the one-third width of the room, or anywhere you feel the best sound.
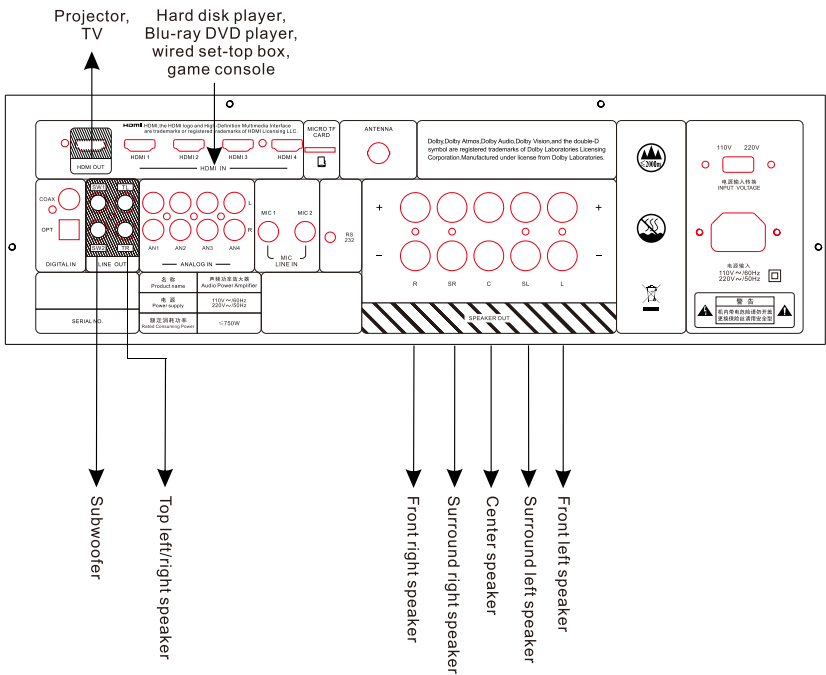
④ **Left and right surround speakers**

These speakers are used for precise positioning of sounds and to bring spatial sound effect from all directions. Place these speakers on the sides or slightly backward sides of the user at the height of about 60cm to 100cm above user's ears. The same distance between the speaker and the user brings ideal sound quality.

⑤ **Left and right top front speakers**

Add another layer to create 3D sound effect which transports you with breakthrough, spatial and realistic audio experience and brings you a deeper connection to music and images.

Theater system connecting diagram

Projector, TV   Hard disk player, Blu-ray DVD player, wired set-top box, game console

Subwoofer

Top left/right speaker

Front right speaker

Surround right speaker

Center speaker

Surround left speaker

Front left speaker

Basic Settings (First-time Install and Settings)

Front Panel Buttons/Knobs Instruction:

Press the right VOLUME/MENU/OK knob to enter the menu.

Turn the left MIC VOLUME knob to roll-scan the menu options.

Press the right knob to enter the next layer.

Press the right knob to circle one option and turn the right knob to make change.

Press the right knob again to cancel the circle.

Press the RETURN button to return to the last step.

1 Select a language

Remote control: MENU→Options→Language.

Front panel: HOME→press the right knob→Options→Language.

2 Select an input source

Remote control: HD1/HD2/HD3/HD4/ARC/AN1/AN2/AN3/AN4/OPT/COA/USB/TF/BT buttons.

Front panel: press the SOURCE button to roll-select an input source.

3 Speaker configuration

Remote control: MENU→Speaker→Speaker layout.

Front panel: HOME→press the right knob→Speaker→Speaker layout.

You can select 2.1/2.1.2/3.1/3.1.2/4.1/4.1.2/5.1/5.1.2/7.1.
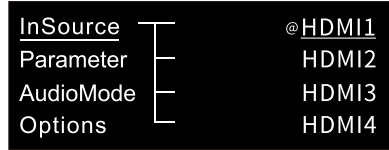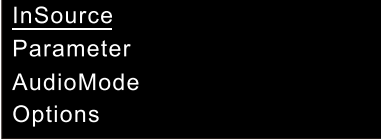
4 Subwoofer ON/OFF

Remote control: MENU→Speaker→Subwoofer.

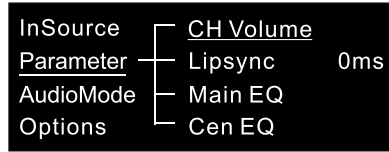Front panel: HOME→press the right knob→Speaker→Subwoofer.

Function and Settings
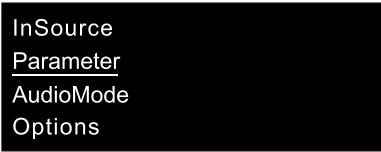
1 **INPUT SOURCE:** Menu→InSource

InSource	InSource ——— @HDMI1
Parameter	Parameter ——— HDMI2
AudioMode	AudioMode ——— HDMI3
Options	Options ——— HDMI4

It offers input sources and displays the audio-video input port.

2 **Parameter adjustment:** Menu→Parameter

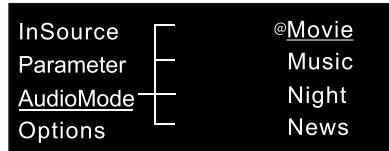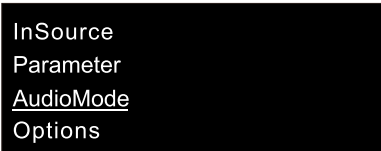| InSource | InSource ——— CH Volume |
Parameter	Parameter ——— Lipsync 0ms
AudioMode	AudioMode ——— Main EQ
Options	Options ——— Cen EQ

It offers channel volume, lipsync and channel EQ.
Adjust the gain, frequency and type in the EQ adjust.
Filter type/ shape: bypass,peak, high shelf, low shelf.

3 **AudioMode:** Menu→AudioMode

InSource	InSource ——— @Movie
Parameter	Parameter ——— Music
AudioMode	AudioMode ——— Night
Options	Options ——— News

Five audio modes: movie, music, night, news and pure modes.

4 **Options:** Menu→Options

InSource	InSource ——— CEC Source OFF
Parameter	Parameter ——— PowerON Vol MEM
AudioMode	AudioMode ——— Max Volume 63
Options	Options ——— Default Input MEM
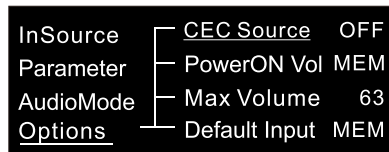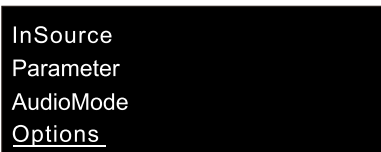
It offers setting options including CEC control,power-on volume, max volume, default input source, factory default and language. You can select ON, OFF or MEMORY and adjust the parameter.

5 Speaker: Menu→Speaker

```
Options                     Options      ┌─ Speaker layout   5.1
Speaker                     Speaker   ───┤  Subwoofer        ON
Ktv Setup                   Ktv Setup    └─ Crossover
About                       About
```

It offers options including speaker layout, subwoofer and frequency crossover adjustment.

Speaker layout: 2.1/2.1.2/3.1/3.1.2/4.1/4.1.2/5.1/5.1.2/7.1.

Subwoofer ON/OFF.

Crossover adjustment: L/R high pass frequency, center high pass frequency, subwoofer low pass frequency, surround high pass frequency, top/back surround high pass frequency.

6 Ktv Setup: Menu→Ktv Setup

```
Options                     Options      ┌─ Karaoke          ON
Speaker                     Speaker   ───┤  Vol Setting
Ktv Setup                   Ktv Setup    ├─ CH Volume
About                       About         └─ Mic Parameter
```

It offers Karaoke, volume setting, channel volume, microphone parameter,EQ adjust, microphone mode, save and reset.

Karaoke: ON/OFF (Turn ON and then adjust the parameter below)

Volume setting: microphone volume, power-on volume, microphone max volume.

Channel volume: microphone center/subwoofer/surround left surround right volume.

Microphone parameter: shift frequency, effect volume, delay, phase, echo volume, reverb volume.

EQ adjust: bass, middle bass, middle, middle treble, setting.

EQ adjust→setting: EQ band, gain, Q, frequency.

Microphone mode: 20 factory modes, 3 personal modes.

Save: P01, P02, P03 to adjust and save.

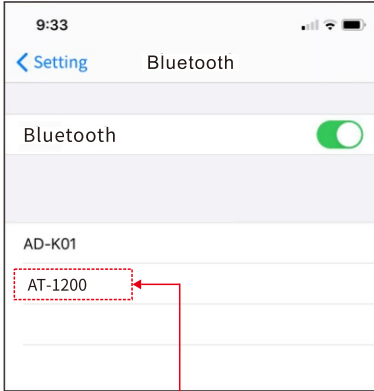Reset: Yes is to reset the KTV setup.

7 About: Menu→About

```
Options                     Options      Atmos Audio System
Speaker                     Speaker          MCU:1.05
Ktv Setup                   Ktv Setup        A113D:1.03
About                       About           [Update]
```
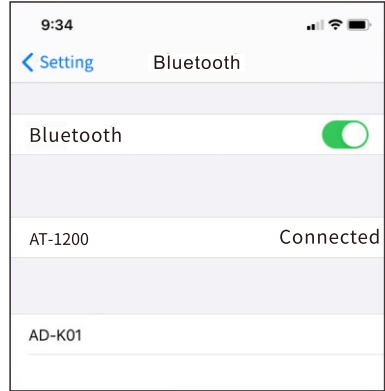
Mobile Phone Bluetooth Wireless Transmission

(1) Press SOURCE button on the front panel or remote control to select BT.

(2) Switch on Bluetooth on your mobile phone, search & pair-connect with AT-1200, and control music playback on your mobile phone.

9:33	9:34
‹ Setting Bluetooth	‹ Setting Bluetooth
Bluetooth ⬤	Bluetooth ⬤
AD-K01	AT-1200 Connected
AT-1200	AD-K01

Press to connect

Mobile Phone App

For better user experience, ToneWinner has developed its own App to match its products, and you can finish all above operations and switches on your mobile phone. For the first time to use ToneWinner App, please follow step 1, 2 and 3. Later you just need to follow step 4.
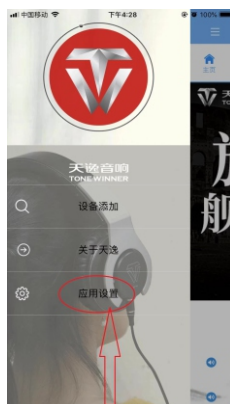
(1) Keep your phone on normal working status and with internet access.

(2) Go to http://www.tonewinner.net/ to download the ToneWinner Music App and install it.

　　For IOS system, search "ToneWinner Music" on App store to download and install.

(3) Enter the App, search AT-1200, and connect to it.

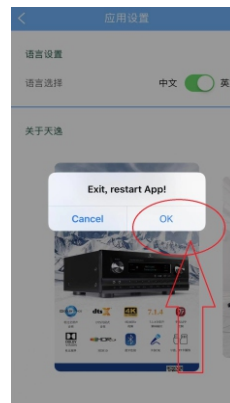(4) To set the App language into English, follow the four steps:

1. Click ≡ on top left

2.Click "应用设置" Setting

3. Select language

4. Click **OK** and the App will auto-restart.

(5) For more App details, please check on our websites.

Specification

Model: AT-1200

Rated impedance: 6Ω

Rated power output: 5 channels,100W Rms/6 Ω (THD≤1%, one channel, 1kHz,pure mode)

Distortion: ≤0.05% (A-weighted, pure mode, 1kHz)

Frequency response: 20Hz-30kHz (+1/-3dB)

Gain: ≥40dB

S/N: ≥95dB (A-weighted)

Power: AC ~110V/60Hz or ~220V/50Hz

Net weight: 9.1kg

Gross weight: 11kg

Unit size: 430×351×149mm(W×D×H)

Package size: 546×436×230mm(W×D×H)

Executive standard:GB8898-2011,GB/T9254.1-2021,GB17625.1-2012

(Note: The specification may be changed slightly without further notice.)

Equipment Safety Standard: Class II

1 Please read the manual and safety precautions carefully before using.

2 The product should be mounted somewhere ventilated and dry for the convenience of heat dissipation to avoid moisture and lampblack.

3 The safety standard of the machine is Class II; upon installation, the power plug should be connected to 110-115V~/60Hz or 220-230V~/50Hz grid.

4 Do not remove the cover during using to prevent electrocution.

5 Do not frequently turn it on or off. Wait a few minutes before turning it on again.

6 When the equipment fails, contact with the product managers where you buy this machine for internal maintenace. To avoid accident, do not open the rear cover for inspection or repair.

7 The plugs, power lines, fuses, power switch, and transformer used on the equipment are all safety parts. Upon change of safety parts, the maintenance department should replace them in accordance with the model and specification specified by our company.

Problem Shooting

If a problem should arise, first check the following:

- Are the connections correct?

- Is the unit being operated as described in the user manual?

- Are the other devices operating properly?

If this unit does not operate properly, check the corresponding symptoms in this section. If the symptoms do not match, disconnect the power immediately and contact the dealer or store where you purchased this unit.

Problem	Solution
Display screen does not bright with AC power.	1 Disconnect the unit immediately; 2 Check if power socket has electricity; 3 After above two steps, turn it on again.
Remote control is insensitive or does not work.	1 Check if IR remote control sensor is blocked; 2 Change weak batteries.
The unit, display screen & inputs work normally, but there is no output.	1 Check if all cables are connected well; 2 Check if amplifier works normally; 3 Check if volume is too low;
No sound or weak sound from microphone.	1 Check if mic volume is too low; 2 Check if mic plugs in; 3 Check if mic is broken.
Howling microphone or noise.	1 Mic is too close to speaker; 2 Mic Volume is too high; 3 Mic Parameter does not match; 4 Mic does not plug well; 5 Mic treble is too much.

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