TONE WINNER

AT-02
User Manual

ISO9001 Certified Enterprise

TONE WINNER

Product packing list

Number	Item	Quantity
1	Manual	1 piece
2	HDMI Cable	1 piece
3	Power cord	1 piece
4	Certificate	1 piece
5	Remote control	1 piece

Pollution control labels and its content descriptions

This symbol indicates the product can be recyclable. The number 10 indicates the period of environmental protection. As long as you follow the safety and precautions related to this product, it will not cause environmental pollution or impact on human property within 10 years from the date of manufacture.

Name and content of toxic or hazardous substances or elements in the product

Part Name	Hazardous substances or elements					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent chromium $(Cr)^{6+}$	Polybrominated (PBB)	Biphenyls polyphenyls (PBDE)
Chassis enclosure	○	○	○	○	○	○
Electrical parts	×	○	○	○	○	○
Plastic structural parts	○	○	○	○	○	○
Metal structural parts	○	○	○	×	○	○
Cables	○	○	○	○	○	○
Transformer	○	○	○	○	○	○

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 choosing Tonewinner brand audio products. We will serve you with "High technology, High quality and High taste" enterprise philosophy, will serve you with exquisite craft, classical circuit, high technologies, first-class quality and first-class services. We will bring all customers with our stable, reliable, durable and pleasant technology achievements!

Contents:

1. Significant Safety Measures ----------2
2. Instructions Prior to Use ----------4
3. Preparations Prior to Start-up ----------5
4. Overall Structure ----------5
5. Front Panel ----------6
6. Rear Panel ----------8
7. Remote Controller ----------9
8. Device Connection Diagram ----------10
9. Instructions for APP ----------11
10. Specifications ----------17
11. Troubleshooting ----------18
12. Safety Protection Class: Class II Equipment ----------19

Important protective measures for attention

- To reduce risk of electric shock, do not remove the outer cover (or back panel).
- For maintenance, it should be carried out by qualified maintenance people.
- To avoid fire and electric shock hazards, do not get the unit wet or damp.
- Safety protection category: Class II

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 protect equipments overturning, do not use force to push 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 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 clean the equipment.

6. Power supply: use the power supply according to indication. Should have reasonable wirings, to avoid damage, do no step. Pay special attention to power plugs, receptacles and connection wirings.

7. Ventilation: the chassis of equipment is designed with venting holes. To ensure reliable performance, please avoid overheating, 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 no put the equipment close to window curtains. If it is built-in installation, such as bookcase or rack, make sure enough venting. 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. Heat - to keep products away from heat sources, such as heatsinks, stoves, 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 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 into water containers, such as vases.

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

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

12. Protections:①unplug the power supply when you do not use the manual for long period.。 Plug. ②Good grounding can prevent the machine from being damaged.

13. Maintenance: do not open the equipment chassis to avoid electric shock.
Please send the machine to our local designated maintenance house if you meet below circumstances and need maintenance.

a) Unknown parts or liquid enter the machine.

b) The equipment was soaked.

c) Abnormal machine operation.

d) Machine falling or machine damage.

14. Battery: for environmental protection, do not discard the waste electricity optionally.

15. Disconnection device of main power supply: this machine use 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 only suitable for use in tropical climates

Instructions Prior to Use

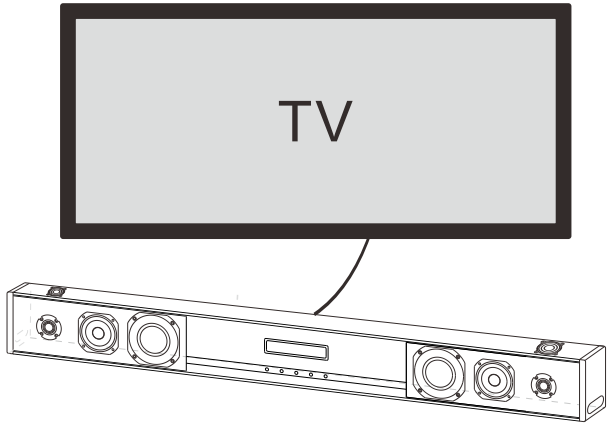
■ General matters

1. Please secure this device at the well-ventilated place with accessible space 10 cm in width at its two sides, and above and behind it.
2. Don't apply oil, chemical solvent, volatile oil, paint or pesticide to the equipment.
3. Don't place the equipment in moist environment with the temperature being as high as above 60℃ or extremely low.
4. Please keep the equipment away from direct exposure to sunlight, strong magnetic field, high temperature and electrical devices which may cause interruption (computer at home, fax machine, etc.)
5. Please fixate the power socket when pulling out the power plug.
6. Don't open the shell of the equipment without permission to avoid electric shock. Please make contact TONE WINNER specially designated maintenance stations nearby for internal maintenance.
7. Use when it's guaranteed that the equipment is secured at a stable place with leveling surface and without vibrations, and no articles are allowed to be placed onto the equipment.
8. If no sound is heard, please turn off the power switch of system unit and turn on in 10 seconds.
9. In the operation of the machine, in case of any thunderstorms, please pull out the power plug.

■ Note

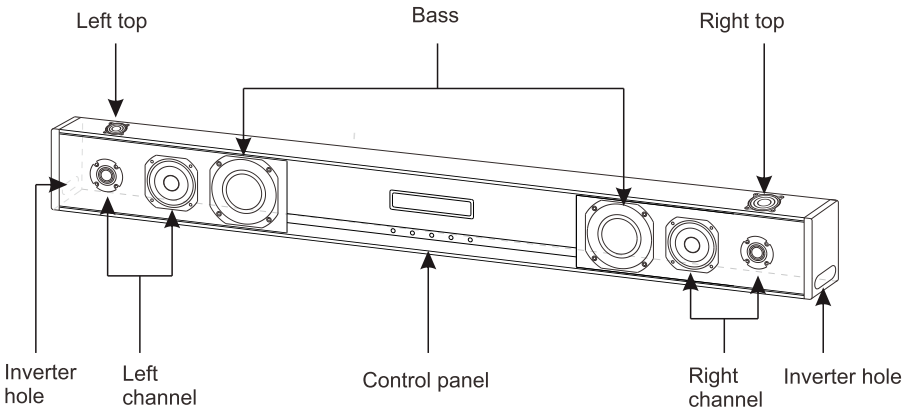
1. Please read this manual carefully prior to use.
2. We reserve the rights to interpret this manual.
3. The actual product shall govern in case of any discrepancy of appearance, color and picture.
4. Please make this manual and invoice kept properly after reading.
5. The product is subject to upgrades in technology or software without notice.

Preparations Prior to Start-up

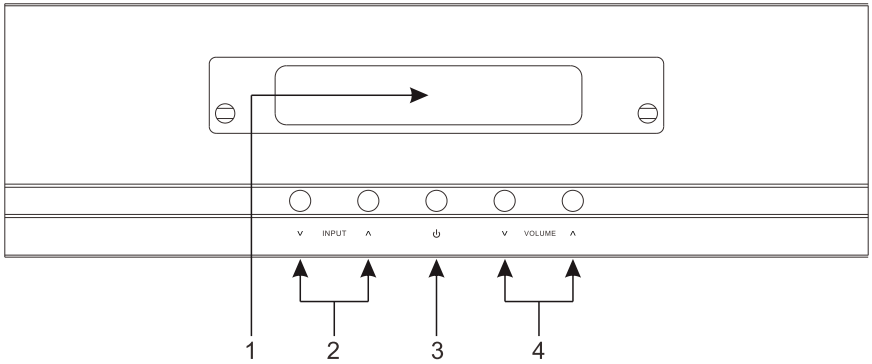


1. Put the soundbar, TV and other electrical devices in place.
2. Make sure these devices are not blocked, so as not to affect remote control operations.
3. Connect signal output of AV devices to AT-02 signal input ports.
4. Only when it's confirmed that the power supply with matched voltage is correctly connected, can the power switch be turned on and TV be connected to AT-02 signal output ports.
5. Select the corresponding input sourle and enjoy an excellent audio-visual experience.

Overall Structure



Front Panel



1. Display screen:

   The machine can display three letters and three decimal points.

   Display for volume adjustments: The two digits behind “V.20” represent volume.

   Two display modes under normal conditions: volume or audio source, which could be mutually switched via “Return” key on the remote controller.

   Under normal conditions, the last decimal point represents whether there are any signals.

   With Bluetooth selected as the audio source, the decimal point in the middle represents whether the Bluetooth is connected.

   With SD card and U disk selected as the audio source, the flash of the decimal point in the middle indicates the playing status.

   The decimal point on the left represents whether it’s controlled by APP.

   In the detection of audio signals, the display screen will display type and sampling frequency of signals, sound channel and other information at different times.

2. INPUT ∨∧ buttons(select signal source):

   Press the key for a short time to select signal sources,

   Hold the key for 2s to select the last song or next song.

   When play files from TF card or U disk ,hold the Rey for 2s to select last track or next track.

3. Power/function button:

Press the key to turn on the power from standby.

When play files from TF card or U disk, hold it for 2s to play or stop playing.

For the other source , hold it for 2s to mute the soundbar withe displaying "MUT".

Hold the key for 5s to turn off the power.

If the key is pressed for a shor time, the following function will be switched by turns:

Display "F-V": Adjust volume of left and right speakers.

Display "T-V": Adjust volume of top speakers.

Display "C-V": Adjust volume of center channel.

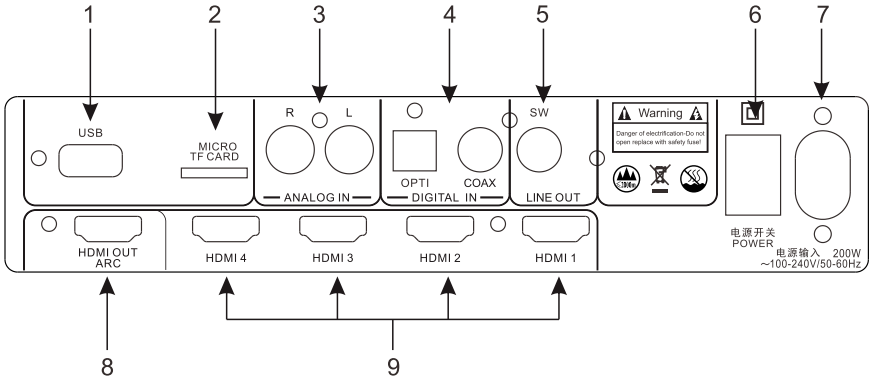
Display "S": Adjust volume of subwoofer.

Display "BT-": The last three digits of the bluetooth name of the equipment will be displayed in two seconds.

4. VOLUME ∨∧ button:

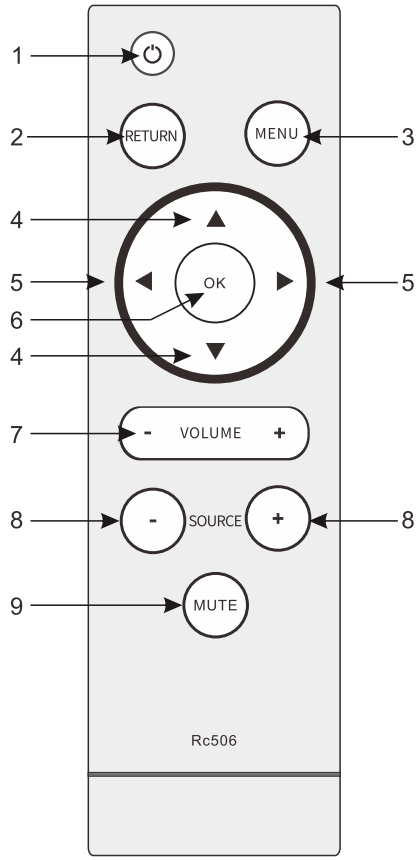
It can adjust main volume under the normal mode; Increase the volume will remove the mute state, but decrease the volume will affect the mute state. With "F.", "T.", "C." and "V." displayed, adjust volume of corresponding channels.

Rear panel



1. USB disk interface.
2. TF card socket.
3. ANALOG IN (analogue audio L/R input):
   Analogue audio output of wired/satellite receiver, set top box, VCR/DVR (digital video recorder), and DVD among others could be connected via this socket.
4. DIGITAL IN (digital audio input):
   One for coaxial input and another for optical input; it can be used to connect CD and DVD players and other devices with coaxial digital audio output.
5. SW OUT:
   It can be connected with an active subwoofer with RCA input.
6. Power switch.
7. Power input
   Connect one end of the power cord provided with the equipment to the power inlet and connect another end to a suitable power socket.
8. HDMI OUT ARC (HDMI output) video output port:
   It's used to connect TV or projector with HDMI input. This port supports ARC, it can receive the returned audion signal from TV.
9. HDMI IN port:
   The HDMI input port is used to connect devices with HDMI output such as DVD player, blu-ray player, DVD recorder or DVR (digital video recorder).

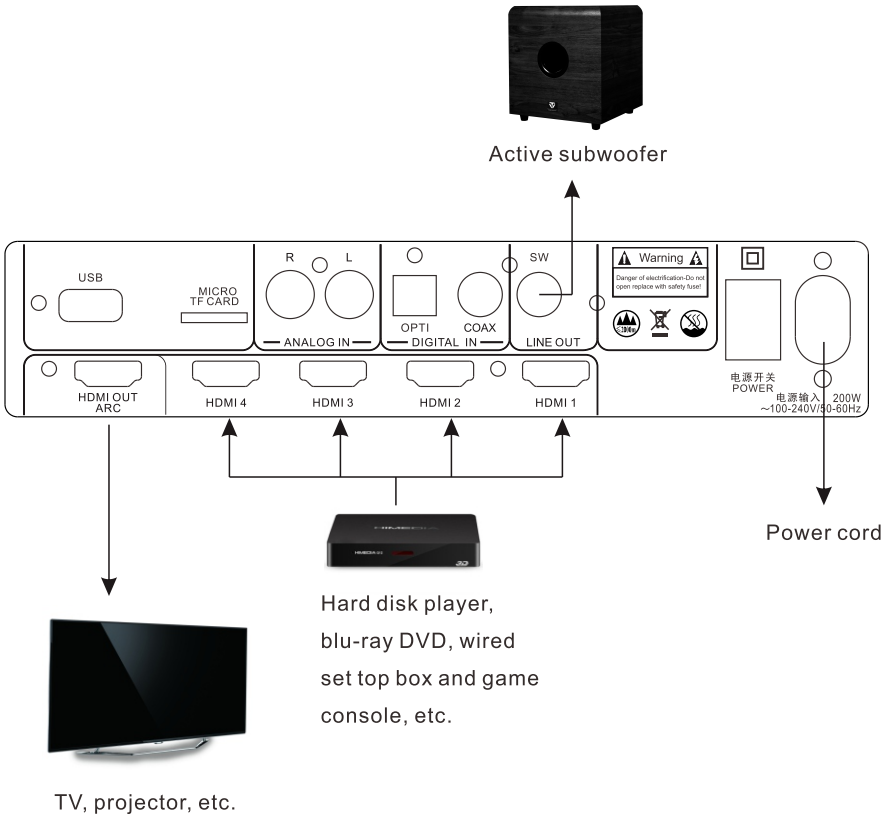
Remote Controller



1. Power: power switch.
2. RETURN: In the adjustment of parameters, the key is used to return to the main interface and to switch audio sources and volume display modes in the main interface.
3. MENU: Switch display interface with its function the same as the power key of front panel pressed for a short time.
4. Up and down directions: They are used to change volume in the main interface and to alter the corresponding parameters.
5. Left and right directions: They are used to select the last track or next track when playing fires in the TF card or U disk.
6. OK: It's used as stop or play key when songs are played in the TF card or U disk.
7. VOLUME: It's used for volume adjustment. The mute state will be removed with the volume increased rather than decreased.
8. SOURCE: Switch signal sources.
9. MUTE: For mute.

Device Connection Diagram

1. Fast connection can be achieved by following the diagram below (as shown in the diagram).
2. Connect TV or projector to HDMI OUT , video output port. If the TV allows ARC , please connect it to HDMI IN port allowing ARC.
3. Connect hard disk player, blu-ray DVD, wired set top box and game console among others to HDMI IN port.
4. Connect subwoofer (omit this step if there is no subwoofer). If an active subwoofer is to be connected, please select external subwoofer in the mobile phone APP.
5. Power input.
6. Turn on the back panel power switch and press the power key of the front panel to start up and operate.



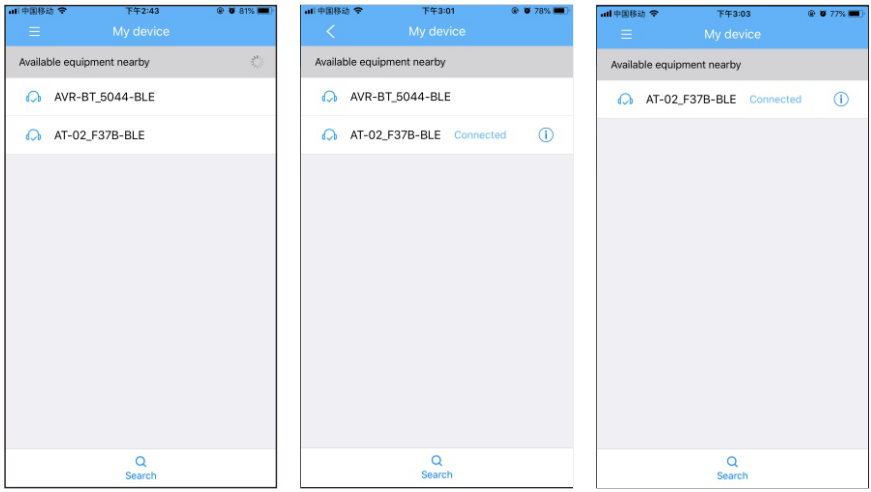
Instructions for APP

I. After the app is downloaded and installed, click the app icon to operate this app. Click to enter the app's main interface by sliding the four introduction pages: If relevant purviews are requested, you could conduct operations as per relevant tips that pop up (Purviews requested by the app must be granted).

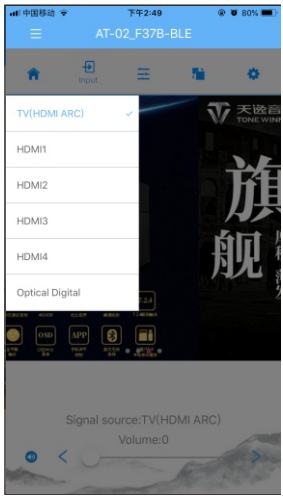
II. After the entry into the app's homepage, enable search for available devices nearby. Search result list is shown as below: Click the add button to add devices and connect them by clicking items shown in the list of matched devices.

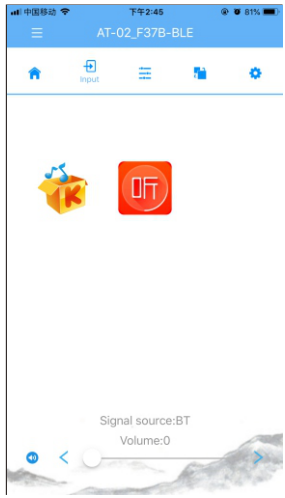
Note:

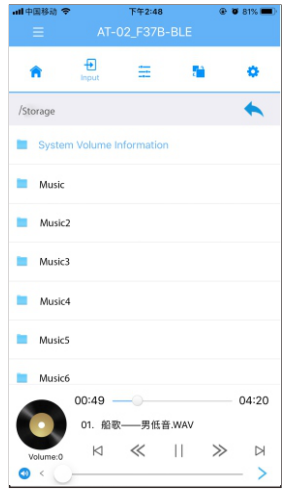
1. If it's pointed out that no relevant devices are available nearby, you could click the search button to search devices again .
2. The list of matched devices allows match cancellation via long press (If the equipment is connected, the long press could disconnect Bluetooth).
3. The list of matched devices makes it convenient for users to click to connect directly without searching the equipment again, next time when they operate the app, or allows automatic connection of the equipment's Bluetooth, thus delivering a fast use experience. In this app, device connected last time will be connected automatically as defaulted in this app. In case of failed connection as prompted, click the equipment to be connected manually to connect.



III. Within 3 seconds after the successful connection, the main interface of the equipment will be jumped to automatically: With the Bluetooth as the input source of the current device, the media play apps already installed on your mobile phone can be found in a fast manner. Click the app icon to operate the app and now you could transmit music via Bluetooth. With TF card or USB as the input source, the interface containing corresponding lists will be jumped to automatically so as to make it convenient for users to select songs to be played and look through song lists; for other input sources, the main interface will be jumped to (Diagrams are shown on the next page).

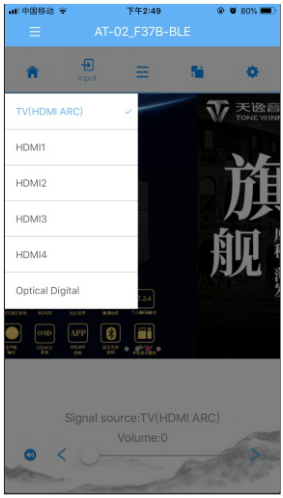


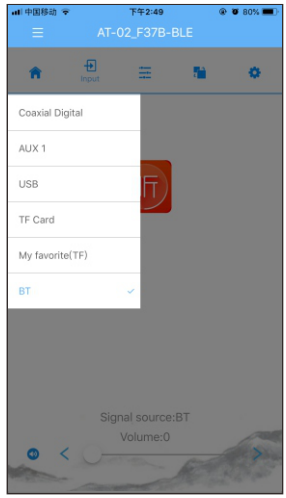


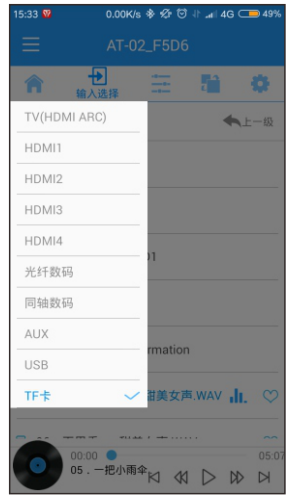


IV. Input device selection

Users could select audio sources listed on the input selection box. Audio sources include TV (HDMI ARC), HDMI1, HDMI2, HDMI3, HDMI4, optical fiber digital, coaxial digital, AUX, USB, TF card, My favorite (TF card) and Bluetooth.



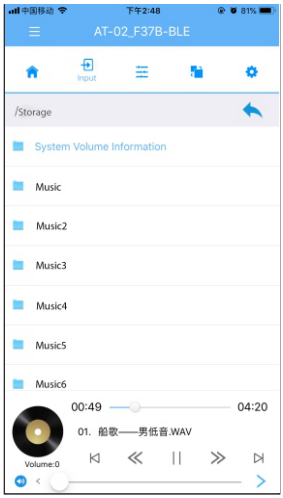


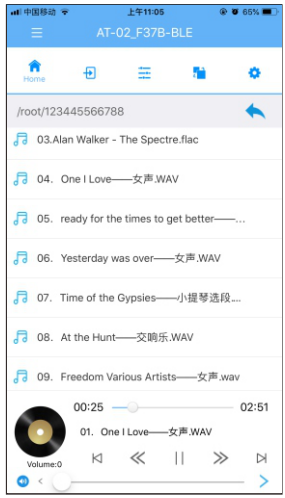


V. U disk and TF card operations

Click the list to select songs to be played or look through directories. Data listed in the directory are divided into folders and audio files. Enter the next level directory by clicking a folder and play songs by clicking audio files (Stop via a second click). Click the directory return icon to return back to the last level directory. Below are clickable icons, namely last song, next song, play/stop, fast forward/fast backward, which make operations simple and convenient.

1. Interface operations for U disk and TF card are generally consistent. The button to add the song to My favorite is on the rightmost side of items in the song list of TF card. The button will turn red after clicking, which means that the song has been added to My favorite, and you could cancel the operation to collect with a second click.
2. My favorite mode is based on TF card, under which complete information on play path of TF card songs is retained. Thus, the mode can be used only with TF card being input source, and to play songs in My favorite, these songs must be available in the TF card (path consistency).
3. Under My favorite mode, long press of items in the list enables the deletion of songs.
4. Don't put too many files other than songs in U disk or TF card to avoid unsmooth reading.
5. TF card possesses a power cut memory function.

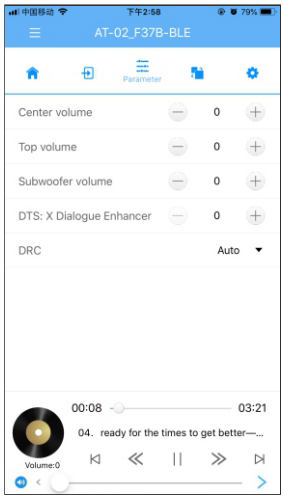


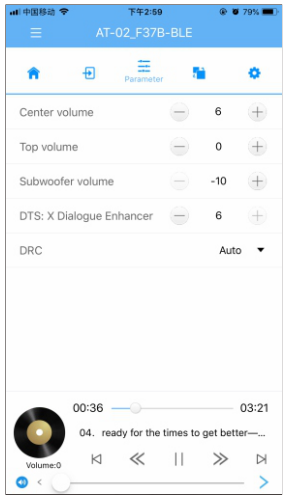


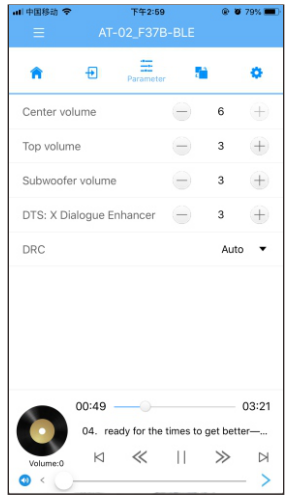
VI. Parameter adjustment

In this interface, you could adjust volume manually. Desirable acoustics can be achieved via manual setting according to the current environment, to enable yourself to enjoy beautiful music.

Center channel volume	-6 to 6
Surround sound volume	-10 to 10
Top channel volume	-10 to 10
Subwoofer volume	-10 to 10
DTS: X dialogue-Volume	0-6
DRC:	On/Off/Auto







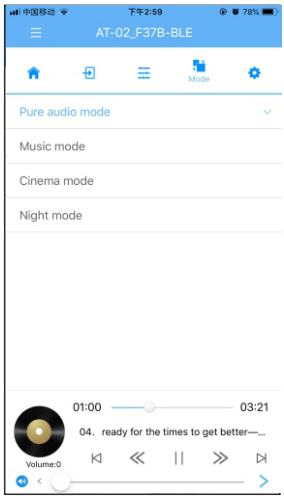
VII. Mode selection

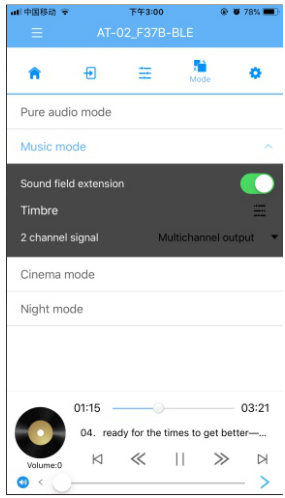
Four functions are available in this interface: pure audio mode, music mode, film mode and news mode, each of which allows sound filed expansion, timber adjustment and dual channel signals.

Sound field expansion: on/off

Timber adjustment: 11-band equalizer (EQ30~16K), with a minimum snapping of 0.1dB, allows users to make adjustments from -9dB to +9dB according to current audio environment.

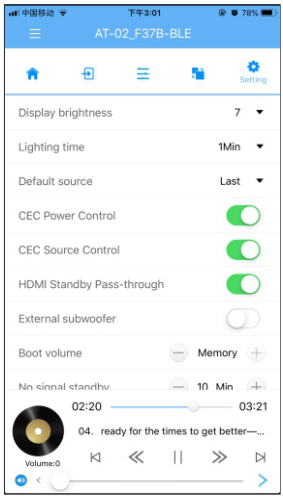
Dual channel signals: dual channel output, multi-channel output, UPMIX and NEO:X (Pictures are shown on the next page).

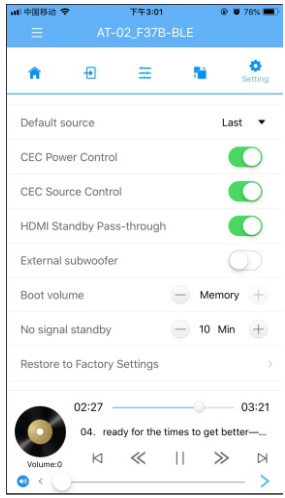


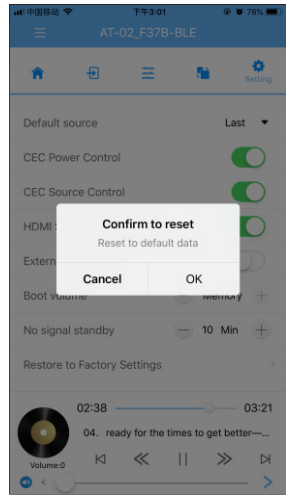


Ⅷ. Function setting

The following functions can be enabled in the function setting interface : Dim, display off time, start-up signal source, CEC external control, CEC signal source control, HDMI standby pass through, exterior subwoofer switch, start-up volume, no signal standby, factory resetting and version information.

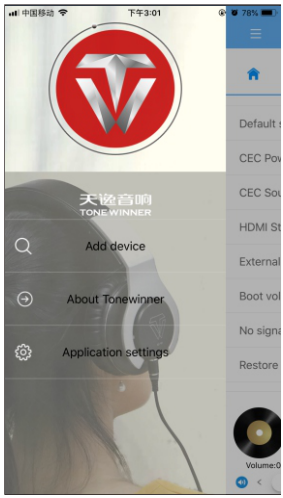


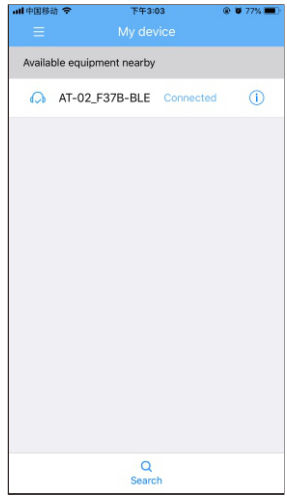




IX. Others

Slide or click the icon at the top left corner to unfold the menu on the left, which includes options such as app setting, version upgrade and device searching. You could click each option to conduct operations based on your specific needs.





Special attention: To use this app, make sure the equipment is turned on and available for operations (The equipment's own apps finish initialization).

Specification

· Channels: 2.1.2

· Frequency response: 40Hz-20kHz

· Power consumption: ≤200W

· Audio formats: DTS:X, DTS HD, DTS, Pcm, Dolby Atmos, Dolby TrueHD, Dolby Digital+ and downward compatible DOLBY track formats.

· Video formats: 4K, 1080P, 1080I and other downward compatible video formats.

· Input: U disk, SD card, 4-way HDMI 2.0 input, 1-way optical fiber, 1-way

· coaxial and 1-way analogue input.

· Output: 1-way HDMI output, support HDCP 2.2 protocol.

· Product Size: 1200*84.5*135mm Package size: 1288*202*182mm

· Net weight: 8.9Kg Gross weight: 11.3Kg

Troubleshooting

Prior to making contact with maintenance personnel, please first find out the causes of the problem as per the following table:

Symptom	Cause	Measure
No display on the screen	Loose power cord	Connect power cord securely
	The power key is not pressed	Press the power key
No audio output	Loose audio cable	Connect the cable again
	Improper setting of other connected devices	Properly set the audio input channel of the connected
Sound output distor-tion or interruption	Loose audio cable	Connect the cable again securely
Remote controller malfunction	The remote controller fails to point to the remote contr-ol receive window of the player	Use the remote controller with it pointing to the player
	The remote controller is far away from the player	It's recommended to use within 5 meters
	The batteries of remote controller are exhausted	Replace with new batteries
Panel key malfunction	Power supply fluctuation is violent, or normal operation is interrupted due to static electricity	Turn off the power supply and restart

Safety Protection Class: Class II Equipment

1. Please read the manual and these safety precautions carefully prior to use.
2. The product shall be mounted somewhere ventilated and dry for the convenience of heat dissipation, to avoid moisture and lampblack.
3. The equipment is classified as Class II Equipment in the safety protection class. Upon installation, the power plug can be connected to the grid of AC 110~240V and 50Hz-60Hz (power frequency).
4. Users are not allowed to dismantle the equipment by themselves to prevent electric shock.
5. Avoid frequent start-ups and shutdowns. Start up in a few minutes after the shutdown.
6. In case of the failure of the equipment, as the plant implements the “Repairs, Replacements and Refunds” policy, users shall send the faulty device to the designated manufacturer, maintenance center or our plant for repair and maintenance. To avoid accident, users are not allowed to open therear cover for inspection or repair by themselves.
7. The plugs, power cords, fuses, power switch, and transformer used for the equipment are all safety parts, which shall be replaced by maintenance centers in accordance with the models, specifications, and designated manufacturers specified in the drawing provided by our plant.

The specifications of the product may be subject to change without further notice.

Scan QR code

Guangzhou Tonewinner Electronics Co., Ltd

Tel：86-20-34797660/34796146
Web：http://www.tonewinner.com
Add: No.1, Hongsheng 3 Road,Dashi,Panyu,Guangzhou,511430，China