



TONE WINNER



TV-20/L
User Manual

ISO9001 Certified Enterprise



TONE WINNER

Product packing list

Number	Item	Quantity
1	Manual	1 Pcs
2	Certificate of Quality	1 Pcs
3	Remote control	1 Pcs

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 content of 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!

Content:

- 1. Significant Safety Measures 2
- 2. Introduction Prior to Use 4
- 3. Product Introduction 5
- 4. Front Panel 6
- 5. Display Screen7
- 6. Rear Panel 8
- 7. Remote Control 9
- 8. U disk /TF card 11
- 9. Mobile Phone Audio Wireless Transmission 11
- 10. Digital Player 11
- 11. Analog Player 11
- 12. Smart Phone APP 12
- 13. Specification 14
- 14. Safety Class: Class II Equipment 14
- 15. Warm Tips 15

Important protective measures for attention

	WARNING ELECTRIC DANGER DO NOT OPEN		<ul style="list-style-type: none">■ 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
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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 not 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°C 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 hold 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 local distributor for 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.

■ 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.

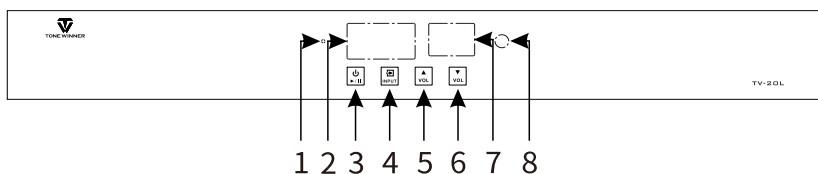
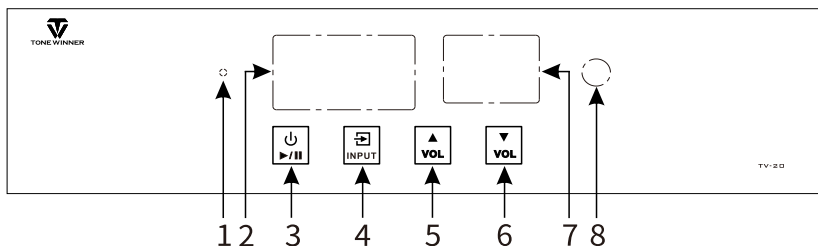
Product Introduction:

Features overview:

TV-20/L high-fidelity TV soundbar is the latest high-performance soundbar audio product launched by Guangzhou Tonewinner Electronics Co., Ltd. for flat-panel TV users.

1. Support local playback of SD (TF card) and U disk, which is convenient for playing music downloaded from the network.
2. Support Bluetooth wireless transmission, it has low power consumption, stable and reliable long-distance connection, and automatic reconnection function;
3. Support analog, coaxial, optical, ARC TV audio input.
4. There is a collection function of "My Favorite" songs (displayed on the mobile phone APP), when users listen to the music on the SD card, they can collect their favorite music at any time, so as to quickly find their favorite songs and play, and the operation is convenient and fast.
5. Supports lossless music signals such as WAV, FLAC, APE, as well as highly compressed signals such as MP3.
6. The original digital audio signal is transmitted to the next-level Class D amplifier losslessly by means of the source code of the digital signal to ensure the sound quality of the audio.
7. Adapt to 100V~240V AC power supply.
8. Built-in high-power high-fidelity class D amplifier, the sound is beautiful and natural, warm and mellow.
9. Use 2.1 channel settings, which are left, right channels and subwoofer. The left and right channels are using two low-distortion 2-inch full frequency drivers. The woofer uses a 3.5-inch long-stroke, low-distortion dedicated subwoofer driver with large voice coil, and large magnet, which has a high power bearing capacity.
10. The built-in DSP corrects the unsatisfactory part of the frequency response of the driver, improves the sound performance, and makes the sound performance more balanced.
11. Perfect overload, over current, short circuit, over temperature protection functions.
12. With full remote control function.
13. Dedicated mobile APP control allows you to view track information and function switching operations conveniently and quickly.
14. Full touch button operation
15. The specially set internal and external subwoofer switching function allows you to easily connect external subwoofers (only TV-20L has this function).

Front panel introduction:



All keys are touch keys.

1. Power indicator light.

2. Display:

Display the current audio source status.

3. Standby power switch/play and pause/MUTE composite key:

In standby mode, short press this key to power on, in U disk/TF card/BT states, short press this key to execute pause or play function, in other audio source state, short press this key to mute or cancel mute. long press this key for the enter standby state.

4. Audio source selection key:

In the working state, short press this key, the display will flash the input sound source, and the input source name will be displayed steadily for about 3 seconds, and then you can change the input source selection will start. During the process of the input source name flashing, you can continue to press this key to select the sound source. If the selected sound source has no U disk or TF card, the audio source name will return to the previous audio source directly after flashing.

5. Volume "+" key:

Short press or long press the key to increase the volume of the unit under normal working conditions.

6. Volume "-" key:

Short press or long press the key to decrease the volume of the unit under normal working conditions.

7. Display:

Display the current volume status.

8. Remote control sensor window.

Display Introduction:

*The volume of 7 kinds of audio sources are 00-80.



Displays the currently selected audio source is Bluetooth.



Show current volume.



Display the currently selected audio source is TF card.



Show current volume.



Display the currently selected audio source is U disk.



Show current volume.



Displays the currently selected audio source is optical.



Show current volume.



Displays the currently selected audio source is coaxial.



Show current volume.



Displays the currently selected audio source is audio return.



Show current volume.

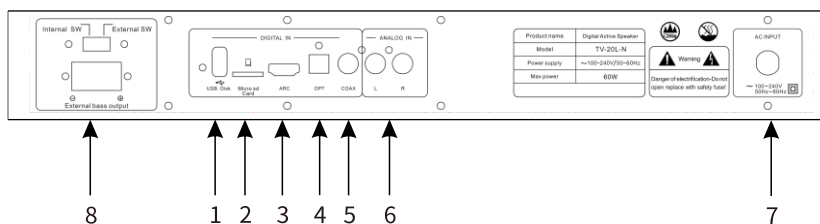
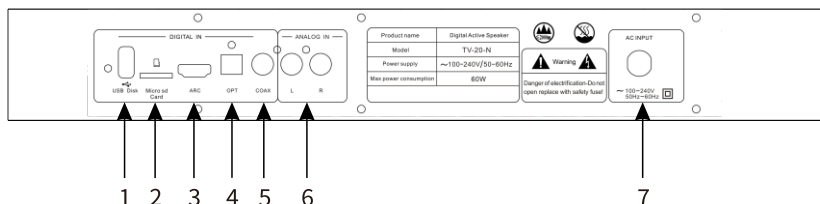


Displays the currently selected audio source is analog stereo audio input.



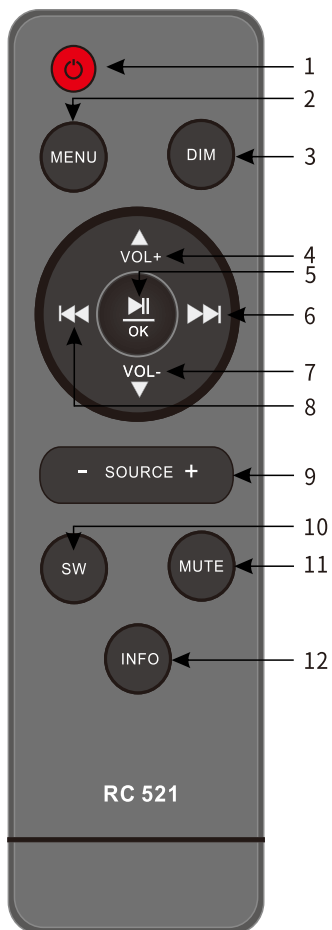
Show current volume.

Rear panel introduction:



1. U disk input.
2. TF card input.
3. ARC audio input.
For TVs that support ARC function, TV audio can be transmitted to this device through this interface.
4. Optical digital input (up to 24bit 48KHZ).
5. Coaxial digital input (up to 24bit 48KHZ).
6. Analog input.
7. 100-240V/ (50Hz-60Hz) power input.
8. SW interface (only TV-20L is valid, when the switch is turned to the external bass, the SW signal is output from this port).

Remote Control :



1. Standby.

2. Menu key:

Press and hold for about five seconds, all parameters of the unit will be restored to factory initialization state.

3. Brightness adjustment key

Press this key to adjust the brightness of the display screen.

4. Volume + key

Press this key to increase the volume.

5. Play pause button

Press this key to play and pause.

6. Next track/fast forward composite key

Short press this key to play the next song, long press this key to execute the song fast forward function (this key is only valid when using TF card or U vsing disk as input source).

7. Volume - key

Press this key to decrease the volume;

8. Previous/rewind composite key

Short press this key to play the next song, long press this key to execute the song fast forward function (this key is only valid when using TF card or U disk as input source).

9. Audio source selection key

Short press the two keys to select the audio source.

10. Bass adjustment key

Short press the button and then press the VOL+ or VOL- button to adjust SW channel volume.

11. Mute.

12. Information query key

Press this key to display the version number, model, Bluetooth MAC address and other information.

U disk/TF card:

(1) U disk

Plug the U disk with the songs into the USB port on the back panel, and select the USB audio source from front panel or remote, it will play songs in u disk automatically.

(2) TF card.

Insert the TF card with songs into the Micro sd Card interface on the back panel, select TF audio on the front panel or remote control, then the source starts playing automatically.

Wireless Transmission of Mobile Phone Audio

(1) Select the audio source BT from front panel or remote.

(2) Turn on the Bluetooth of the mobile phone to search for TV-20, and then click to pair and connect, after the connection is successful, the song played on the mobile phone will be play on the soundbar.

Digital Audio Playback:

This unit supports digital input with a sampling rate of up to 24Bit 48KHz.

Method: Selects OPT or COA as input source from front panel or remote.

Analog audio playback:

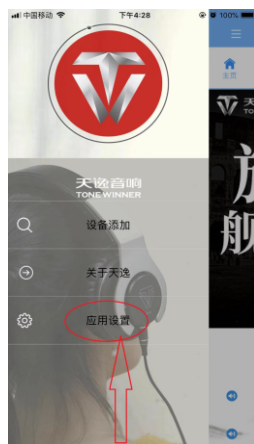
This unit supports analog audio signals input:

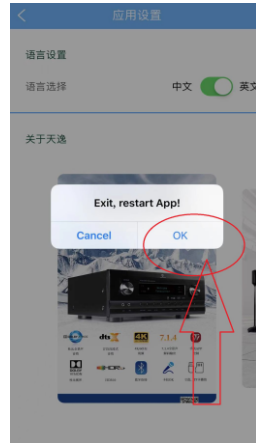
Method: Selects AN as input source from front panel or remote.

Mobile phone App

For better user experience, Tonewinner develop its own App control to match its products, user can finish all above operations and switches on phone. If you are the first time to use Tonewinner App, follow below step1, step2, step3, step4. If you are not the first time use Tonewinner App, follow step 3.

- (1) Keep your phone on normal working status
- (2) Keep your phone with internet access, scan the QR cord on package box, download the TV-20 App and install it. IOS equipment can search “TONEWINNER” on APP store to download Tonewinner APP.
- (3) Turn on the Tonewinner App, and search TV-20 equipment, match it till to connect successfully.
- (4)For more App control, please check product details on Tonewinner's website: www.tonewinner.com.
- (5)To set the APP into English language, follow below 4 steps.





Please allow no further notification when this production has any specification changes.

Specification

Frequency range: 80Hz- 20kHz

Supply Voltage: ~100-240V/ (50Hz-60Hz)

Maximum power: <60W

Supported formats: lossless music signals such as WAV, FLAC. APE,
high compression rate signals such as MP3 and AAC

Size:

TV-20: 550x130x71MM (WxDxH)

TV-20L: 800x 130x71MM (WxDxH)

Net weight

TV-20:3.5Kg

TV-20L:4.4Kg

Gross weight

TV-20: 4Kg

TV-20L: 5Kg

Safety protection category: Class II equipment

1. Please read user manual and safety instruction carefully before use the product.
2. The product should put on dry places where are with good heat venting condition, far way from water, oil and smoke.
3. The product's safety protection category is class II, its power plug can connect to power grid of ~110V-240V voltage, frequency 50Hz-60Hz.
4. To avoid electric shock, don't open the product by yourself.
5. Don't turn on and off the product too frequently, you need to wait few minutes to reboot it.
6. When the product fails, please send to professional repair store or send back to Tonewinner factory for repairs. To avoid accident happen, please don't open the unit or fix the unit by yourself.
7. The power socket, power cable, fuses, power switch and power transformer are all safety parts, if user need to replace them, please follow the same specifications on datasheet, and replace at professional repair store.

Please allow no further notification when this production has any specification changes.

Problem Shooting List:

Before contact repair person, please use below chart for checking the problem and its solution:

Problem	Solution
A.No light up display after connect to power supply.	<ol style="list-style-type: none"> 1.Turn off immediately 2.Check power socket has electronics or not 3.If both 1 and 2 are correct, the problem is still there after reboot, please send it for maintenance.
B.Remote not work or not sensitive enough.	<ol style="list-style-type: none"> 1.Check if IR receive window of this unit is blocked by something. 2.Check remote battery is low power or not.
C.The unit and display work normally, have put signal in but no signal out.	<ol style="list-style-type: none"> 1.Check and make sure all cables are connected well. 2.Check amplifier is normal or not. 3.Check volume is set in Minimum or not. 4.After above steps, if still fail, send to repair person.
D.ARC/eARC cannot be used	<ol style="list-style-type: none"> 1.Check if TV support ARC/eARC or not. 2.Check if connect with TV HDMI ARC/eARC output or not. 3.Check if TV has CEC function or not.
E.No 4K	<ol style="list-style-type: none"> 1.Check if HDMI format is set to automatic or not. 2. Check if TV support 4K or not. 3. Check if TV HDMI set in HDMI2.0 or not. 4.Check if HDMI wire supports 2.0 or not.



Scan QR code

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