

TY-i30PRO User Manual

ISO9001 Certified Enterprise



Product packing list

Number	Item	Quantity
1	TY-i30PRO player	1 pcs
2	User manual	1 pcs
3	Power cord	1 pcs
4	Optical cable	1 pcs
5	Certificate of qualification	1pcs
6	Remote control	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	○	○	○	○	○	○
Transformer Loudspeaker/ 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 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 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 for Attention-----	2
Main Features-----	4
Front Panel-----	5
Rear Panel-----	6
Remote Control-----	7
Menu Operations-----	9
Function and Settings-----	10
Mobile Phone App-----	18
Specification-----	19
Equipment Safety Protection Standard-----	19
Problem Shooting-----	20

Notice

1. Read the user manual carefully before you use the product.
2. Design, color and images will be dependent on the actual product.
3. The product or software might upgrade slightly without further notice.

Safety Warnings and Protective Measures for Attention

 WARNING ELECTRIC DANGER DO NOT OPEN	
To reduce risk of electric shock, do not remove the outer cover (or rear 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.	
Equipment safety standard : 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 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 ventilation 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

TY-i30PRO is a multi-functional digital media player which supports local playback, audio content streaming, DAC processing and earphone connection. It's made of rigorous circuits and quality materials to reproduce the high fidelity sound.

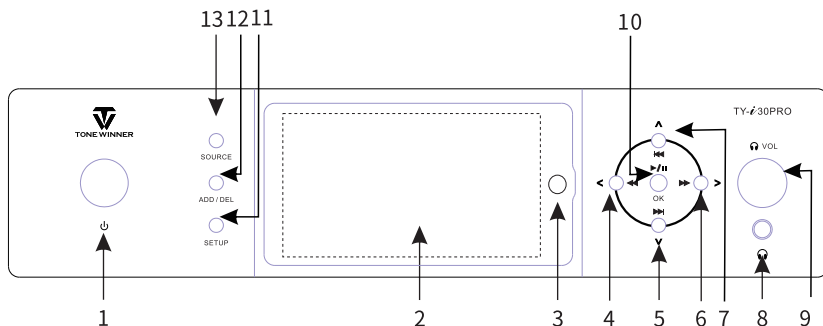
Functions

- Analog outputs: 1 way XLR, 1 way RCA.
- Digital outputs: 1 way coaxial, 1 way optical.
- 3.5mm earphone jack on the front panel.
- Inputs: Wi-Fi, Bluetooth, SD card, USB stick, 1 way coaxial, 1 way optical.
- Menu operation: front panel buttons, remote control, mobile phone App.
- LCD colorful display screen.
- Power on manually or through remote control; standby function.
- 100-240V~ 50Hz/60Hz power.

Overview of Features

- TY-i30PRO is a multi-function digital media player, which supports audio playback from mobile phones, iPads or tablets via DLNA, Air Play or Bluetooth. It supports Wi-Fi hotspot namely AP mode and net mode (net work mode).
- It also supports SD card and USB disk local playback, audio formats including WAV, FLAC, APE, MP3 & WMA, and digital inputs & outputs at 192kHz/24 Bits PCM.
- It adopts high quality decoding chips and components, including CS8416 from CirrusLogic supporting digital input at 192kHz/24 Bits, and OPA2134 from TEXAS INSTRUMENT with low distortion, low noise and precision. It's an excellent combination of high-end chips normally for Hi-Fi pre-amplifiers.
- For the convenience of usage, it has a 4-inch LCD colorful display screen to display songs and their storage position completely and clearly.
- TY-i30PRO is designed in full compliance with audiophiles' standards for high quality sound playback. It plays back clear and analytical high frequency sound, lush and warm mid-frequency sound, and powerful bass. The overall sound performance is outstanding and engaging with accurate positioning, transparent details, and grand sound field. In general, TY-i30PRO is a exquisite and cost-effective digital media player for high quality sound entertainment !

Front Panel



1. Standby button

To standby or power on the player.

2. LCD display screen

To display information of source, volume, etc.

3. Remote control receiving window

This is IR remote control signal receiving window, before which there can't be any obstructions.

4. </<< left direction button

Return to last layer when in multi-layers; move to left side at HOME interface and soft keyboard; fast backward function at music play interface.

5. √/▶▶ down direction button

Move to down side at HOME interface and soft keyboard; next song function at music playing interface.

6. >/▶▶ right direction button

Go to next layer when in multi-layers; move to right side at HOME interface and soft keyboard; fast forward function at music playing interface.

7. ^/◀◀ up direction button

Move to up side at HOME interface and soft keyboard; last song function at music playing interface.

8. Earphone output jack

9. Earphone volume knob

10. ▶/|| button

Confirm button when used with four direction buttons; play/pause button at list or music playing interfaces.

11. SETUP button

Press to go to settings.

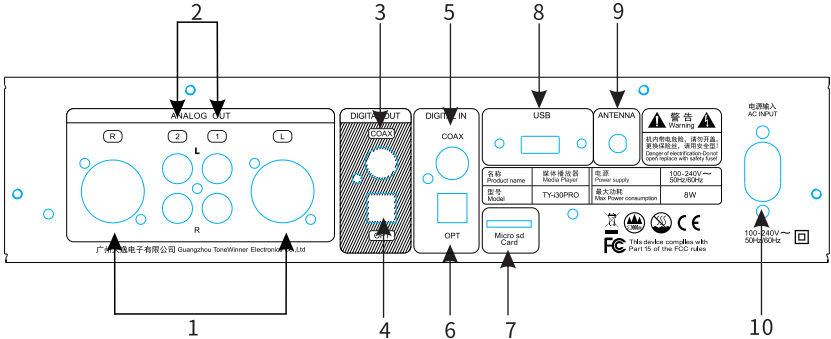
12. ADD/DEL button

Add or delete songs in local play such as SD card, USB disk, etc.

13. SOURCE button

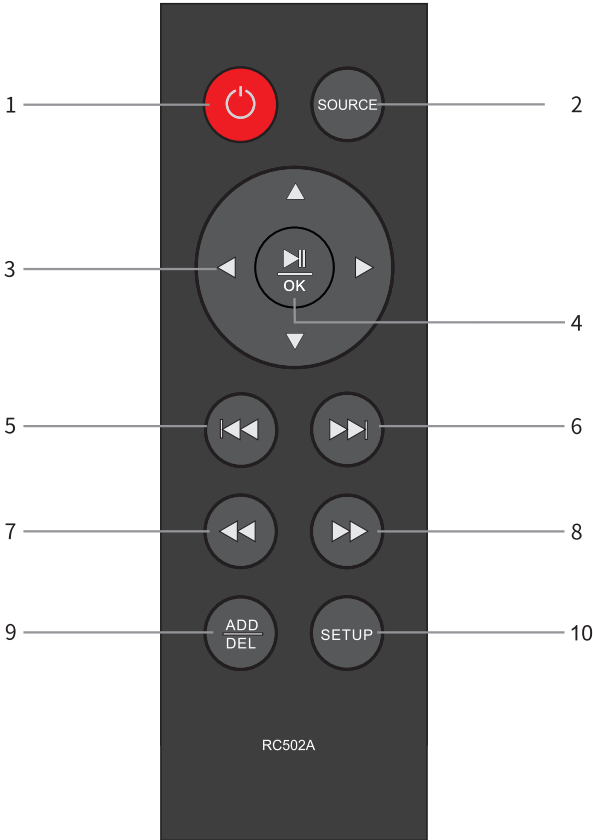
Switch to the next audio source, and return to the first audio source when at the last source.

Rear Panel



1. Analog XLR output
2. Analog RCA output
3. Digital coaxial output
4. Digital optical output
5. Digital coaxial input
6. Digital optical input
7. Micro SD card TF card jack
8. USD stick jack
9. Bluetooth ANTENNA
10. Power 100-240V~ 50Hz/60Hz

Remote Control



Notice

1. Please make sure to put the positive and negative ends of batteries correctly.
2. Please do not mix-use old and new batteries.
3. Please take out all batteries if the remote is not in use for a long time to avoid damage caused by battery leakage.
4. Please replace the batteries when the effective range of the remote is reducing or the signal transmission is not stable.
5. Please use soft cloth to regularly clear the IR diode on the remote and the remote control sensor on the front panel.
6. Please don't put the remote in a moist or sultry place, and avoid hitting & shaking.

1. Power/standby button

2. SOURCE button

Switch to the next audio source, and return to the first audio source when at the last source.

3. ▲, ▼, ◀, ▶ direction button

4. ▶ / || button

5. Last song button

Switch to last song at music playing interface.

6. Next song button

Switch to next song at music playing interface.

7. Fast backward button

Fast backward the song at music playing interface.

8. Fast forward button

Fast forward the song at music playing interface.

9. ADD/DEL button

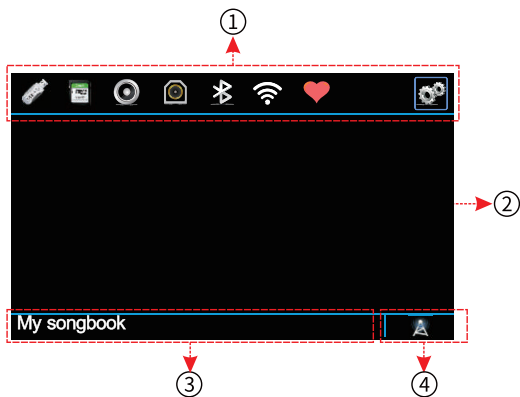
Add or delete songs at local play such as SD card, USB disk, etc.

10. SETUP button









Press to go to settings.

Menu Operations

1. The software interface is divided into four areas, to show option, tips, status and content.
2. The content area displays the contents of each option.
3. Some simple tips would be given in the tips area in terms of different interfaces.
4. The status area displays status information on Bluetooth and WIFI.
5. The option area contains various audio sources and their setting options. The selected option will be framed in green.



①Option area ②Content area ③Tips area ④Status area

 USB disk	To play songs in the USB disk
 MMC/SD card	To play songs in the TF card
 Coaxial reception	Receive digital audio signals via coaxial transmission
 Optical reception	Receive digital audio signals via optical transmission
 Bluetooth music	Audio signals from Bluetooth
 Network service	Enable the network mode to receive information from mobile phones and iPad via WIFI connection
 My songbook	Enter my songbook list
 System setting	Sub-menu for options including WIFI settings, songbook edit and setting of device name (network identification code)

Function of keys:

Source: audio source selection

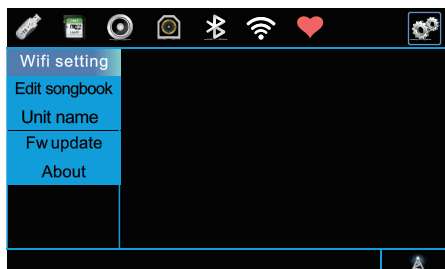
◀ : the last input source

▶ : the next input source

OK: Confirm to effect the selected option

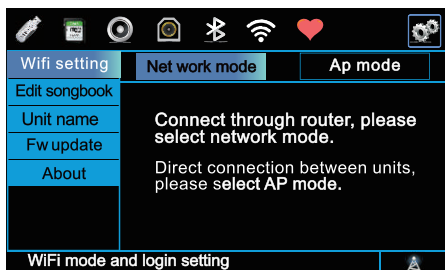
Function and Settings

1. System setting



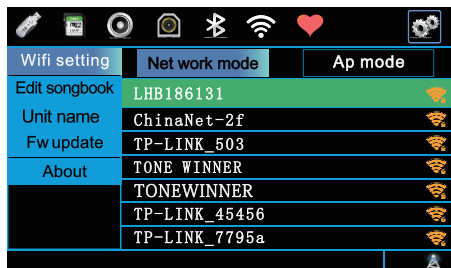
System setting interface includes five options, namely WIFI setting, Edit songbook, Unit name, Firmware upgrade and About the player.

1.1) WiFi setting



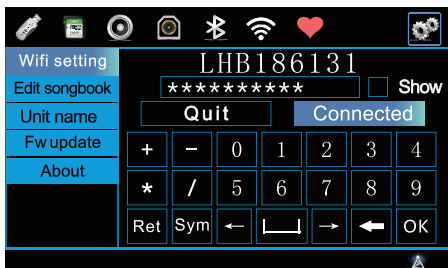
- ① If the network is to be connected through WIFI router, select network mode.
- ② If there are only two devices to be mutually connected, select AP mode.
- ③ If the AP mode is selected, the default WIFI node is TY-i30PRO, which could be changed in the unit Name, and restart the player after the change. **The password is 12345678.** The operations of this interface are divided into the mode selection and WIFI selection: Enter the interface for mode selection, and after the selection of network mode, enter the interface for WIFI selection.

A. Net work mode--step 1





Enter WIFI login interface via network mode as per the aforementioned operations, or enter system setting interface after pressing “SETUP”. Move the cursor to “WIFI setting” and press OK to enter network setting interface, and enter WIFI setting interface with network mode selected and OK pressed.

A. Net work mode--step 2

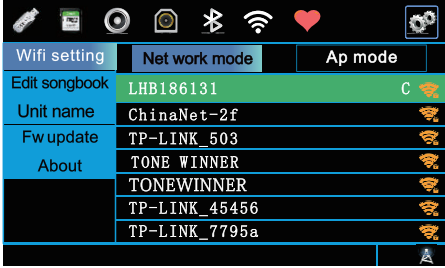


Input the WIFI password into the interface. Ticking “show” can make the password visible. “Quit” indicates returning to the WIFI setting interface. If the password is successfully matched, return to WIFI node list automatically. And stay in this interface if not. Pay attention to the tips in the tips area and the status area. Explanation on special keys contained in the software's soft keyboard:

 Caps lock  Switch to symbol input

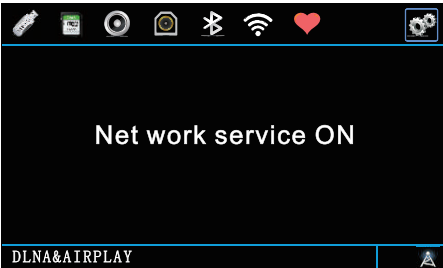
 Switch to number input  A key indicating the completion of input, equivalent to connection key

A. Net work mode--step 3



After successful connection, a "C" will be marked after the name of the corresponding network and the WIFI signal sign will appear at the bottom-right corner (Only after the first successful connection .The WIFI will be connected automatically thereafter).

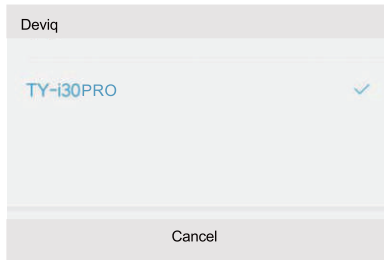
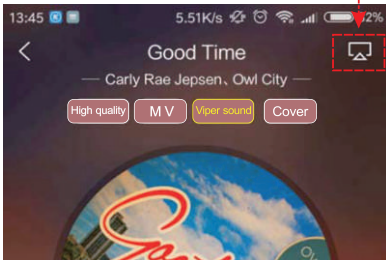
A. Net work mode--step 4



Now you could select network service for audio source. Press OK to enable this service, and after it's enabled, the words "Net work service ON" will appear on the screen.

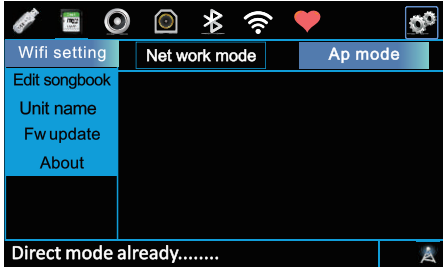
B. Net work mode--step 5

Smart phone push function



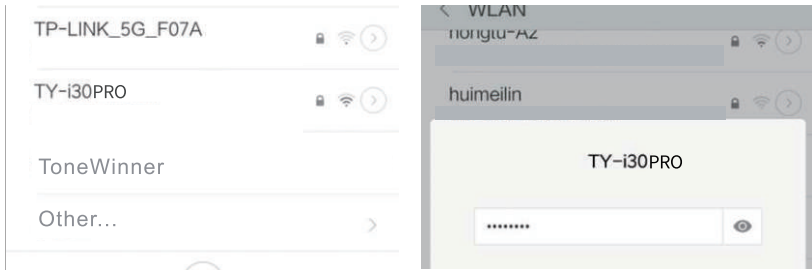
Now operate the music play APP (It must allow pushing via network) in your mobile phone, and click the smart phone push play icon. Then, with TY-i30PRO selected, your favorite songs can be played by the speaker via this device.

B. AP mode--step 1



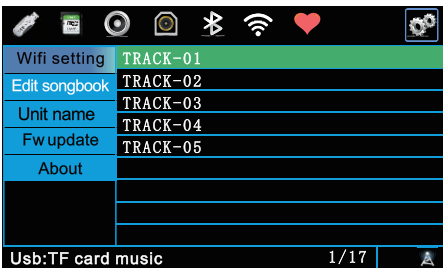
AP mode: Two devices are connected mutually. The default name of the WIFI is TY-i30PRO and its corresponding password, 12345678, which could be changed via the equipment. After the change, you only need to restart the equipment. Then follow the operations described in A Net work mode step 4 to go to network service.

B. AP mode--step 2



Make your mobile phone connect to the WIFI. The default name of the WIFI is TY-i30PRO and its corresponding password is 12345678. Then, follow the operations as described in A Net work mode step 5 Smart phone push function to make your favorites songs played by the speaker via this player.

1.2) Edit songbook

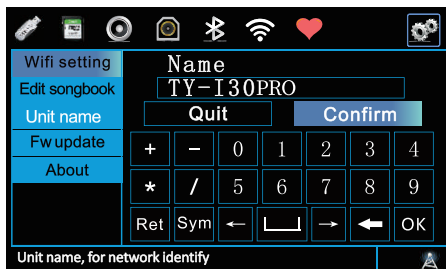


Playing order of the songbook can be changed and songs can be deleted in this interface.

Use of keys and the operations:

Press **▲ ▼** to select songs and the selected song will turn green with OK pressed, which indicates the song is in a movable status. Press **▲ ▼** to make the song move. When the song is moved to the desired place, press OK to release the song, which indicates the movement is finished and now it's in the selection status again. If you press **➤**, the deletion confirm box will pop up.

1.3) Unit name



Device name is used for network identification. The default name is TY-i30PRO, which can be changed but cannot be empty. Explanation on special keys of the software's soft keyboard:

↑ Caps lock

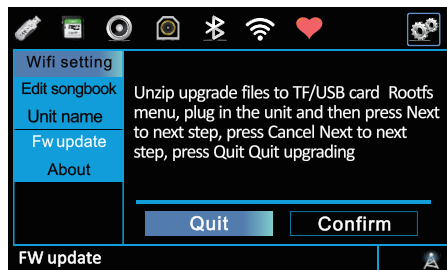
123 Switch to number input

Sym Switch to symbol input

Key Key indicating the completion of input

ok Equivalent to connection key

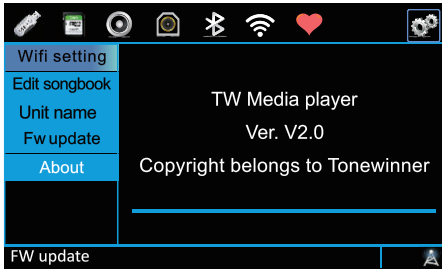
1.4) Firmware update



Use an FAT or FAT32 formatted TF card or USB disk and establish rootfs under the root directory. Put the file "zImage_mpappfs.cramfsupdate.cramfsmp.Ver" from the decompressed upgrade pack into the rootfs. Then, click "next" to enter the confirmation interface, where version information on firmware to be upgraded will be displayed. If it's confirmed to upgrade, please hold SETUP on the front panel until the screen turns dark. The device get into program upgrading. The upgrading progress is visible on the screen, and the device will restart automatically after the upgrading completes.

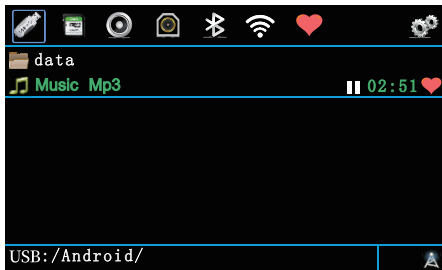
Note: Don't take out TF card or USB disk in the upgrading to avoid damage to the system, which may results in failed upgrade of the system thereafter.

1.5) About



Description of the software version

2.USB option interface



TF card folder and music files will be displayed in the USB option interface:

🎵 represents music files;

📁 represents folder;

❤ indicates that the file has been added to the songbook.

Use of keys and the operations:

⬆ : Move the cursor upward to page up when it reaches the top.

⬇ : Move the cursor downward to page down when it reaches the bottom.

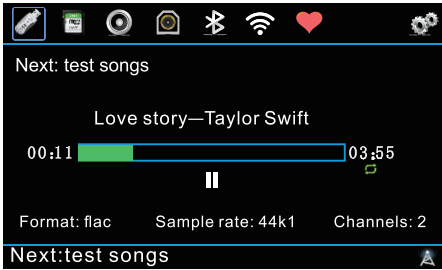
OK: If the song is selected, it can serve as a stop key, and if a directory is selected, it enables the entry into the directory.

⬅ : Click to return to the last level directory, and return to the main interface (1.1) When it's at the root directory. It allows fast backward when pressed long in the playing.

➡ : Click to enter the playing interface as shown in the picture below. It allows Fast forward when pressed long in the playing.

ADD/DEL: Add the song to the songbook if it's not available and delete if it is available.

2.1.USB playing interfance



Details of songs are shown in the main playing interface.

Use of keys and the operations:

▲ : Select the last song

▼ : Select the next song

Press OK to pause/play

◀ : Click to return to the songbook list and it allows fast backward when pressed long

▶ : Click and the deletion confirm box will pop up. It allows fast forward when Pressed long

ADD/DEL: Add the song to the songbook if it's not available and delete if it is Available

3. MMC/TF card

(As it's the same as USB option interface, the description is omitted)

3.1.MMC/TF card playing interfance

(As it's the same as USB playing interface, the description is omitted)

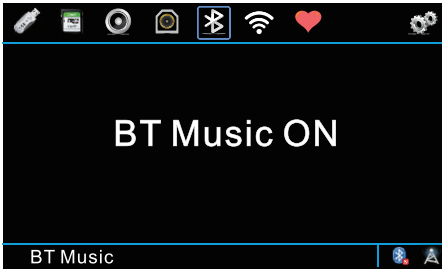
4.Coaxial interface

Receive digital audio signals from coaxial cable, and the player can be used as DAC. The interface displays song index, sampling rate and the duration when the song is played (when SPDIF is available).

5.Optional interface

Receive digital audio signals from optical input, and the player can be used as DAC. The interface displays song index, sampling rate and the duration when the song is played (when SPDIF is available).

6. Bluetooth music interface

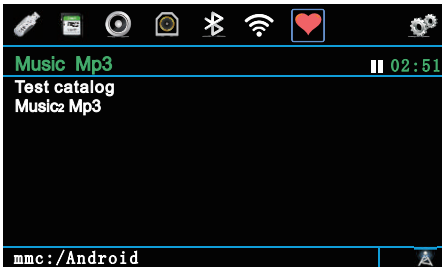


After the entry into this interface, press OK to enable the bluetooth service, so that you could receive audio signals from handheld devices via bluetooth. Press OK again to disable the service.

7. Network service

Switch network service as audio source and press OK to enter the service. "Network service ON" will appear on the screen.

8. Songbook

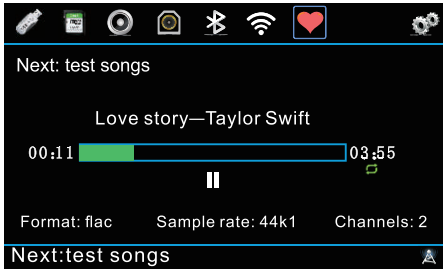


The songs of the songbook are listed, whose playing order can be changed via "Setting" → "My songbook"

Use of keys and the operations:

- ▲ : Move the cursor upward to page up when it reaches the top;
- ▼ : Move the cursor downward to page down when it reaches the bottom;
- OK: Play the song where the cursor is located. With the cursor at the song to be played, the OK key can function as a Pause/Play key.
- ◀ : Click to return to the main interface. It allows fast backward when pressed long in the playing;
- ▶ : Click to enter the playing interface as shown in the picture below. It allows fast forward when pressed long in the playing.

8.1 Songbook--playing interface



Details of currently-played songs are shown at the main playing interface.

Mobile Phone APP

For better user experience, Tonewinner has developed its own mobile phone App. Please follow the steps to download and install the App.

- (1)Keep your mobile phone on normal working status with internet access.
- (2)For Android system, please go to Google Play App and search "Tonewinner" to download and install the App (the black one).

For IOS system, please go to Apple Store App and search "Tonewinner" to download and install the App (the black one).

- (3)Enter the App, search TY-i30PRO and connect to it.
- (4)You can finish the operations and switches on your mobile phone.

Specification

Model: TY-i30PRO

Output level: 2.1Vrms±0.2V(1 kHz)

SNR: ≥102dB (1kHz, A-weighted)

Frequency response: 20Hz-65kHz(+1/-3dB)

THD: ≤0.008%(1 kHz, normal working conditions)

Separation: ≥100dB (1kHz, A-weighted)

Net weight: 2.5kg

Gross weight: 3kg

Unit dimensions: 300x272x82mm (WxDxH)

Executive standard:GB4943.1,GB/T9254.1,GB17625.1

(Notes: 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 100-240V~ 50Hz/60Hz 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 maintenance. 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	Reason	Solution
No display on the screen.	The power cord is connected loosely.	Connect the power cord correctly.
	The unit is not ON.	Press the power button.
No sound output.	The audio cables are connected loosely.	Disconnect the audio cables and connect them correctly.
	Incorrect settings of the connected devices.	Select and set the audio input channels of the connected devices. Reboot the unit if needed
Broken sound output or sound distortion.	The audio cables are connected loosely.	Disconnect the audio cables and correctly connect them again.
Remote control does not work.	Remote control is blocked or not aimed correctly.	Clear the block or aim it to the IR receiving window.
	Too far from the unit.	Use the remote control within 7 meters.
	The battery has run down.	Change the batteries.
Front panel button does not work.	The current flows too much or the static electricity interrupts the normal working.	Power off the unit and power on it again.
Local play error	Data error	Settings--clear data.



Scan QR code

Guangzhou ToneWinner Electronics Co., Ltd

Tel.: 86-20-34797660/34796146

Web: en.tonewinner.com

Address: NO.1, Hongsheng 3rd Road, Dashi Street,
Panyu District, Guangzhou, 511430, China