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# KOD

## User manual

When leaving factory, this device: ☐ Has HD with legal copyright ☐ Has no HD.

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### 1. Use Notice Before Operation

#### 1-1 Functions

This product has two major functions, with details as follows:

**1. KOD order machine function:** This product is the hi-tech computer-based multimedia karaoke machine. It can automatically record the backup song movie, repeat the ordered songs without frequently changing the backup disc. It is a professional karaoke entertainment Device.

**2. DVD Player Function:** This product is not only a hi-tech multimedia karaoke machine but also a product with the DVD player function. The music in DVD, VCD, CD formats, etc. may have high-quality sound effect. One machine has two functions, so you don't need to buy DVD player, saving money and space.

#### 1-2 Factory Configuration

1. Main unit	1 set
2. AV cable	1pc
3.KOD Order remote controller	1pc
4. Operation Guide	1pc
5. Certificate of Conformity	1pc
6.Battery	2pcs
7. HD support	1pc

#### 1-3 Safety Notice

**1.Please read this Guide carefully:** Before use, please read this Guide carefully and abide by the operation instructions to operate this product.

**2.Power supply:** Please use only the power supply rated herein in order to prevent this product from being damaged severely. In addition, do not use too many electrical appliances on the same extension socket because doing so can easily cause overload and thus result in fire. If not sure about the rating of the power supply, please consult the electric power supplier or the local dealer of this product.

**3.Heat source:** In any working state,

this product should be placed in the place with good ventilation and kept away from other heating devices or environment, such as fan heater, electrical heating device, gas stove, etc in order to avoid abnormal work of this product and unrepairable damage on this product.

**4.Damp:** Whether this product is in working state or not, please keep the environment dry; do not use this product in the too wet environment, such as in basement or beside pool, etc.

**5.Intrusion of foreign matters:** This product has only one HD support that allows the user to add the HD function. The user may remove the two screws behind the product in order to add new HD or replace the old HD. Other parts have no the items manually added or changed for the disassembly of the user. Therefore, do not disassemble the housing of this product to avoid foreign matters from intruding, damaging the protection of this device and causing electric shock.

**6.Bearing overload:** Do not place any weights on this product or let this product suffer strike or extrusion in order to avoid abnormal work.

**7.Anti-lightning:** If this product is idle for long or weather change is predicted, the risk of lightning may occur. Therefore, we recommend unplugging this product when it is not used so as to prevent it from suffering lightning damage.

**Maintenance:** If this product cannot work normally, do not remove the housing for maintenance but contact the local dealer servicing center for proper maintenance.

The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, tablecloths, curtains, etc;

No naked flame sources, such as lighted candles, should be placed on the apparatus;

Where the mains plug is used as the disconnect device, the disconnect device shall remain readily operable.

The device shall be connected to the powergrid power output socket with protective earth and Use the power plug and utensil coupler as breaking. The breaking device should be easy Operation.

**FCC STATEMENT:**

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
  - (1) This device may not cause harmful interference, and
  - (2) This device must accept any interference received, including interference that may cause undesired operation.
2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**Remark:**

This device is accordance with the digital device grade B limitation and the 15th regulation of FCC. This limitation requires reasonable anti-interference protection around the residence. The device can transmit radio wave during use and can interrupt the mobile communication without proper installment. Interruption will occur for special device. If the device do interrupt the radio or television, please turn the device off then turn it on to adjust. Below are some resolution for your reference:

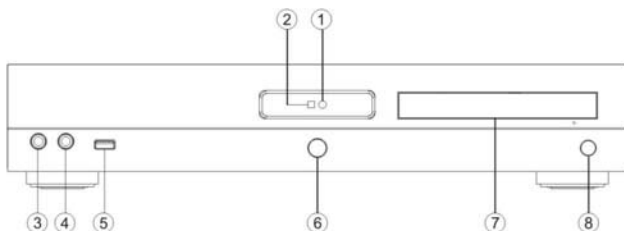
\*Move the receiving antenna

\*Enlarge the distance between the device and receiver

\*Try to not connect the device and the receiver on the same circuit

\*Ask for professional help from experts

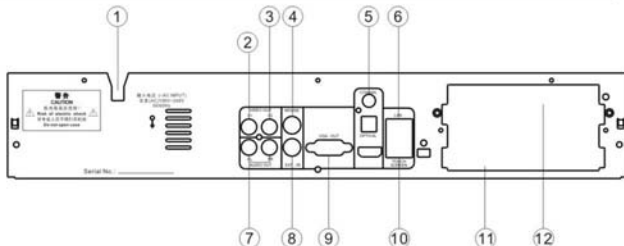
## 1-4 Operation Instructions for the Faceplate



- 1.LED: Power-on indicator (green LED)
- 2.IR: IR remote controller receiving window
- 3.MIC1: Microphone input terminal 1
- 4.MIC2: Microphone input terminal 2

- 5.USB: USB port
- 6.POWER SW: Power switch
- 7.CD in & out: Where the CD can be put in or taken out.
- 8.Press this button to open or close the CD tray.

## 1-5 Operation Instructions for the Backplate

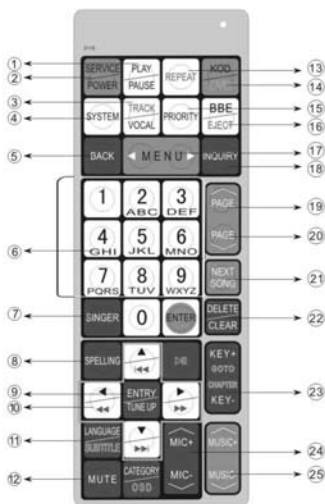


- 1.AC LINE:100-240v AC power input
- 2. V1: Video output 1
- 3. V2: Video output 2
- 4. Mouse: Connection mouse
- 5. Coaxial/Optical: Coaxial/Optical audio output
- 6. LAN: RJ-45 port
- 7.L/R: Stereo left/right channel

- audio output
- 8.Ext-IR in: External IR reception
- 9.VGA Out: Connects to the monitor
- 10.TOUCHSCREEN: External touch screen
- 11.HD
- 12.HD

## 2. Operation Instructions for the Karaoke Machine

### 2-1 Instructions for KOD Order Remote Controller



### Operation Guide

#### 1. Start/Pause Key

Pause the song being played, and can continue to playing the song be paused.

#### 2. Service/Power Key

Press this key for 3 seconds to enter the standby state or wake up from standby state.

#### 3. Track/Vocal Key

Switch between guide singing and vocal.

#### 4. System Key

In the public performance interface, press this key to enter the System Setup Frame.

#### 5. Back Key

Press this key to back to the previous function item frame.

#### 6. 0-9 (Number/English Letter) Key

Used to input numbers and English letters.

### 7.Singer Key

Press this key to enter order by singer function.

### 8.Spelling Key

Input the first word of a song can search the song.

### 9.Entry/Tune Up Key

When using menu function, press this key can switch over five input methods: No./Lowercase Letters/Capital Letters/Pinyin/Special Symbol. In playback state, after press this key then press Left/Right key can adjust MIC Volume/Reverb/Low Pitch/High Pitch/Delay Numerical, press this key within 5 seconds can switch to the adjustment of next function.

### 10.Direction Key

There are UP/DOWN/LEFT/RIGHT keys of direction, use it can move to the desired options.

### 11.Language/Subtitle Key

Press this key can search the song of all languages.

### 12.Mute Key

Press this key to mute or cancel mute.

### 13.Repeat Key

Press this key will repeat the playing song.

### 14.KOD/DVD Key

Switch to KOD from DVD state.

### 15. Priority Key

Inter-cut the ordered song on time: input the number of the song first then press this key, can inter-cut the ordered song to the first in playing list, after the song being played currently is over, the inter-cut song will be playing.

### 16. BBE Key

The function of BBE can restore the clarity of voice, and will make the voice to being more fine and smooth. Its a technology to remedy the voice shortage, press BBE key can adjust the suitable effects of voice.

### 17. Menu Key

Press this key, then the left upper corner of the TV frame will display the function items.

### 18.Inquiry

Can check the list of all ordered songs.

### 19. Page Up Key

Press this key can go to the previous page.

### 20.Page Down Key

Press this key can go to the next page.

### 21. Next Song Key

Press this key to cancel the song being played currently and will play the next ordered song immediately.

### 22. Delete/Clear Key

Before press entry key if found the input song number is wrong, press this key forward to clear the wrong number then input the right number.

### 23.Key +/- Key

Press this key to increase/decrease the tune of the singer, so as to fit the range of the singer.

### 24.MIC +/- Key

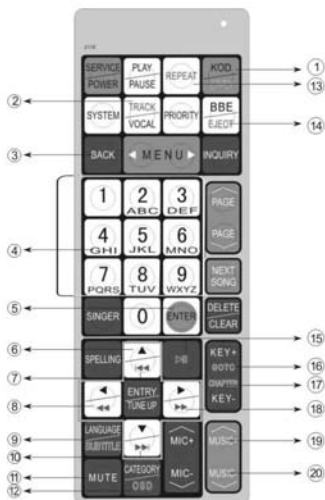
Press this key to adjust the volume of MIC.

### 25.Music +/- Key

Press this key to adjust the volume of music.

Press this key to adjust the volume of the song.

### 2-2 Specification of DVD Monitor Operation (Red Words a Part Operation for DVD)



#### 1.KOD/DVD Key

Switch to DVD/USB state, plug USB in KOD state, press this key to playing USB file, if want to playing DVD, after unplug USB press this key can playing

#### 2.TRACK Key

Switch playing track

#### 3.BACK Key

Back

#### 4.0~9 + (Number/English Word) Key

Input number

#### 5.ENTER Key

Confirm the chosen item or playing normally

#### 6. "▲ ▼ ◀ ▶" Key

choose menu item

#### 7. "◀ ◀" Key

choose menu item

#### 8. "◀ ◀" Key

Fast backward playing

#### 9.SUBTITLE Key

Switch to display subtitle

#### 10. "▶ ▶" Key

Start to playing from next song

#### 11.MUTE Key

Open/Close volume output

#### 12.OSD Key

Display all playing time

#### 13.REPEAT Key

Repeat the playing part

#### 14.EJECT Key

Open/Close bin gate

#### 15. "▶ ▶" Key

Pause playing

#### 16.GOTO Key

Setting time to start playing

#### 17.CHAPTER Key

Display the playing chapter

#### 18. "◀ ◀" Key

Fast playing

#### 19. "MUSIC+" Key

Increase volume

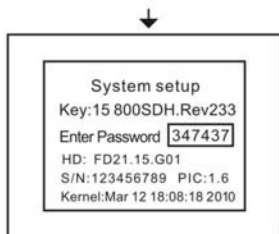
#### 20. "MUSIC-" Key

Decrease volume

### 3. Instructions for System Setup

#### Enter System Setup

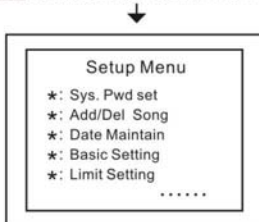
- System setting are the setting used for applying multiple functions in the system menu of the song selection system.
- In public scene, press the **System** button on the KOD remote controller to enter System "Setup menu" (Figure M-1); after you enter the password, press the **Enter** button to enter "System Setting" Menu.



(Figure M-1)

#### Enter System Setup

In "Setup Menu" menu (Figure M-2), press the **Up/Down** button to select the items you need to setup and press the **Enter** button to enter the selected menu.

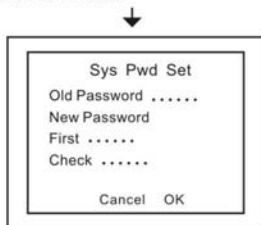


(Figure M-2)

#### 3-1 System Password Setup menu

With system password setting, you can flexibly set passwords for entering each function in system setting yourself. In "system Setting" menu, select "system Password Setting" and press **Enter** button to confirm. (Figure 3-1) Input the old password in the first field and the new password in the second and third fields, and confirm it; select Confirm with **Left/Right** button and press **Enter** button, i.e. the password is successfully changed.

Note: If you forget the password you have set yourself, you can contact the distributor for solutions.



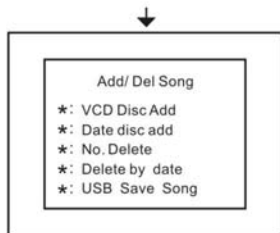
(Figure 3-1)



### 3-2 Add/Delete Songs Menu

#### 3-2-1 AV CD Song Adding

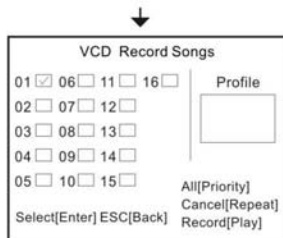
In “Add/Del Song” menu (Figure 3-2-1), select “USB Save Song” menu to USB add.



(Figure 3-2-1)

1. Use the order remote controller to select Specific Record (Numbers for adding VCD songs should be 80001-84999), Main Singer, Title, Region, Language, Number of Words (title), Dance, Song Category and edit.

2. To add multiple songs, press the Previous Page or Next Page key to choose other songs on the VCD, press the Start/Pause key to add songs. After that, the system will automatically exit from the Add Songs menu.



(Figure 3-2-1-1)

#### Steps to add VCD songs:

1. Directly press the disc enter/exit key of the order machine with hand and place the VCD in.

2. In the “Add/Delete Songs” menu, select “Add VCD Songs” (Figure 3-2-1).

3. As shown in Figure 3-2-1-1, every number in “01-16” on the upper left corner indicates the serial number of the song.

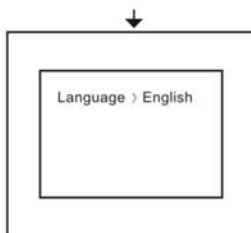
#### Add DVD Songs

⊙ Steps to add DVD songs: The same as “Steps to add VCD songs” above.

### 3-3 System Basic Setup

#### 3-3-1 Setup of Language

⊙ In the “System Setup” menu, select “System Basic Setup” menu. “Language” refers to the language for the display of the menus of this song order system. Press the LEFT/RIGHT key to choose the desired language (Simplified Chinese, Traditional Chinese and English). After exiting, this system will display the language set currently.



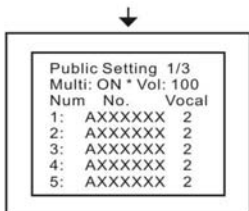
(Figure 3-3-1)

## Instructions for system setup

### 3-3-2 Public Performance Frame Setup

- Public Performance Frame refers to the frame in which songs are being played when no order is available. In the "System Basic Setup" menu, choose the option of Public Performance Frame (see Figure 3-3-2); choose the option of Multi-public Performance and press the Left/Right key to activate/inactivate it. If it is activated, you may set several songs for multi-public performance; choose Volume and press the Left/Right key to adjust the volume; then press the UP/DOWN key to select the desired song for public performance, input its number; choose the desired channel; press the Left/Right key to choose the original or backup with 1 indicating Karaoke and 2 indicating original. If Single is set, press the UP/DOWN key to set Multiple; press the Back key to exit; the current setup will be automatically saved.

Note: For all the above operations, press the UP/DOWN key to select the desired item.



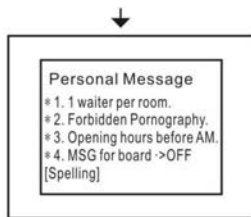
(Figure 3-3-2)

### 3-3-3 Customized Personalized Info Setup

- Customized Info Setup is to display the information to be customized in the public performance frame, such as welcome note or notices of the business place.

1. In the "System Basic Setup" menu, choose the Customized Info menu (Figure 3-3-3), input the content of the customized information (select the desired input method with the Input Method key).

Such information will be displayed 10s in the Public Performance frame; every line of the information contains 24 characters (including digits, English letters, punctuations, Chinese characters) and totally 5 lines are allowed. After that, exit from the current frame; and the setup will be saved automatically.



(Figure 3-3-3)

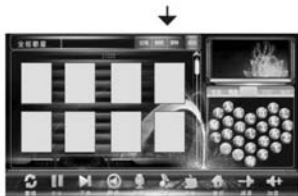
### 3-3-4 Singer Image Setup

- Singer Image Setup refers to the setup whether to display the image of the singer on the PC frame for song order.

## Instructions for System Setup

When this function is activated, then the name and image of the singer will be displayed in the PC frame for song order.

When this function is inactivated, then only the name of the singer will be displayed in the PC frame for song order (Figure 3-3-4).



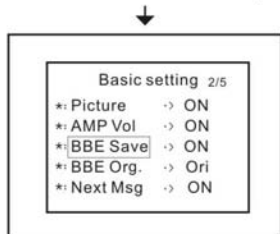
(Figure 3-3-4)

### 3-3-5 Sound Effect Record

- ① In the "System Basic Setup", BBE Save" menu, press the Left/Right key to activate/inactivate it.

1. Select "ON" and back to the order frame. Press the BBE key on the order remote controller to revise and save the setup values of the user.

2. Select "OFF", press the BBE key on the order remote controller to revise the setup values of the user, but the revision will not be available for the next startup.



(Figure 3-3-5)

### 3-3-6 Restore Sound Effect

- ① In the "System Basic Setup" menu, select "BBE Org", press the Left/Right key to choose Custom, Ori, and BBE OFF.

1. Select "Custom" and change BBE as user customized value. After exiting, in the TV play frame, input "00000" and "002", then the system will restore BBE to be the user customized value saved last time.

2. Select "Ori." and change BBE as the initial factory setup. After exiting, in the TV play frame, input "00000" and "002", then the system will display the initial factory value.

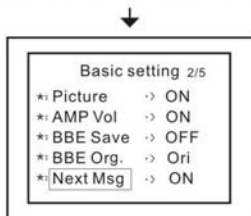
3. Select "BBE OFF" and change BBE as the initial factory setup. After exiting, in the TV play frame, input "00000" and "002", then the system will display "BBE OFF".

Note: In song play state, input "00000" and "002", before the operation is over, while executing the operation command of Restore Sound Effect, you may clear the songs ordered.

### 3-3-7 Next Msg

"Next Msg" refers to the function that when the ordered song is being played, the user will be reminded of the next song to be played.

- ① In the "System Basic Setup" menu, select "Next Msg" column, press the Left/Right key of the remote controller to activate/inactivate this function.

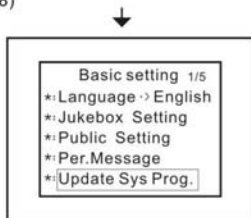


(Figure 3-3-7)

## Instructions for System Setup/BBE Setup

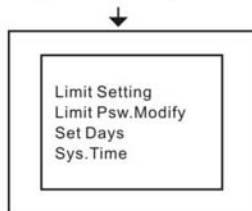
### 3-3-8 System Update Setup

In the "System Basic Setup" menu, select the "Update Sys Prog" menu, press the "Enter key" to update the system. (Figure 3-3-8)



(Figure 3-3-8)

As shown in Figure 3-4-2, input the song limit value and press OK.



(Figure 3-4-2)

## 4 Instructions for BBE Setup

### 4-1 What's BBE?

- ◎ BBE refers to SQ high-definition system that mainly has the following functions:
  1. Can bring accurate and natural stereo sound;
  2. Can improve sound definition. The 3D sound engineering exclusive to BBE improves the width, depth and height of sound so that the sound is clear and dynamic.
  3. Can make treble more exquisite, colorful and woof more compact,

### 4-2 Use of BBE

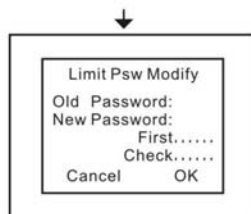
After entering this song order system, press the BBE key on the KOD remote controller to enter the "BBE Setup" menu (Figure 4-2). Press the Left/Right key to select to activate BBE. After that, you may adjust the sound effect. Press the UP/DOWN key to select the item to be set. Choose the default value, press the Left/Right key to select Custom or Factory.

### 3-4 Song Limit Setup

- ◎ This function is to limit the songs to be played. When the song limit expires, no songs can be ordered. You cannot order songs until it is unlocked with the required password.

Note: This function is used only for the registration of agent or dealer.

As shown in Figure 3-4-1, the song limit password is revised.

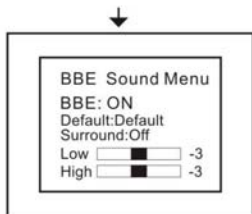


(Figure 3-4-1)

1. Select “ Custom” , then you may set the corresponding treble and woof of BBE freely.

2. Select “ Factory” , then you may set BBE as factory value.

Note: You can set BBE value only in the KOD play frame.

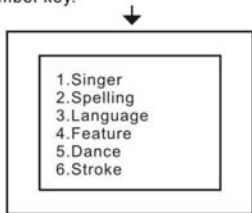


(Figure 4-2)

## 5 Instructions for Order in TV Frame

### Main Menu

- © In the public performance frame (Figure T), press the Main Menu key on the remote controller to enter the order by category of the main menu and then you can choose the desired option with the number key.



(Figure T)

## 6 Order in Monitor Frame

### Instructions for Order

### Main Menu

- © VGA order is the order mode conducted in the monitor frame. It needs a compatible monitor (connected to VGA port).
  - A. Touch screen order. It needs a touch screen (with the model specified by the factory). You may order the desired song.
  - B. Mouse order. It needs one mouse. You may order the desired song.
- © After powering on and entering the system, you will see the monitor display “ Main Menu” with a cursor available.
- © When the mouse order function is activated, you may select with the mouse any song option or operation function option in the PC frame.
- © Click the right key of the mouse to back to the previous frame. Its function is the same as that of the Back key.



(Figure P)

### Instructions for Vision Function

The KOD has the customized switching design of vision “hidden display”. With such function, you may freely hide the order frame so that the song frames can be switched easily on the monitor. The brand new order menu design ensures the convenient and quick order services in the 1/4 area of the VGA screen.

(PIP Figure)

- When clicking any picture in the video in the middle upper corner of the frame as shown in the figure, you may display the TV picture in full screen.



(Vision Figure)

- When click PIP, you may see the TV picture in full screen in VGA frame. To back the PIP, click any point of VGA, as shown in the right figure.



(Vision Figure)

- When clicking the “Ordered” button in the button area of the monitor, you will see one MTV animation window of the current song on the right upper corner of the screen. It is convenient for operation so that you can easily sing the song you order.



### Instructions for Melody Guide

When singing a song, you may click “Melody Guide” button, then the system will automatically switch to accompaniment music instantly. When you cannot sing or don't want to sing the song, the system will instantly switch to the original voice of the singer in order to ensure the coherence and entity; in such way, you will worry nothing about your bad performance or disability to sing the song. This function help you to have perfect and moving voice and reach the result that the system will not sing when you sing or will sing when you not. It is very easy for you to be a good singer.

This function can be available only by means of pressing the Melody Guide key on the remote controller or clicking the Melody Guide button on the VGA order interface.

Instructions: Firstly, use one straight-through cable to connect the amplifier MIC IN and the MIC OUT of the karaoke machine and then switch to melody guide function.

### Instructions for Hand-writing Function

KOD karaoke machine adopts the most advanced handwriting function at present, making order more humanized. The smart and novel direct ordering mode “order by handwriting” has English and Chinese input available; in the input form on the touch screen, whether in running script, official script or cursive script, your writing can be automatically identified. This touch order mode is innovative for KTV and makes order more convenient and quicker!



#### Order as per Song Title

If you remember only the title of the song to be sung and know nothing about this song, don't worry, KOD specially provides you with the function of ordering as per song title. With such function, you need only to input the title of this song into the input form, then the system will automatically find it from the song base.



#### Order as per Singer

If you are the fan of one singer, KOD can provide you with the simple and convenient function of ordering as per singer. With such function, you need only to input the name of this singer into the input form, then the system will automatically find all songs of this singer.



### Troubleshooting

When this device has faults, please view the corresponding check items and adjustment methods so as to find and solve the problems.

If the found fault cannot be removed after check, please ask the servicing personnel of the dealer to deal with it.

Cause	Examination	Treatment
No power after insert the power plug	Whether the power plug is properly inserted Whether no power in the socket	Firmly insert the power plug into socket. Check whether other appliances properly work in this socket.
No sound output	Whether audio cable is correctly connected	Check connection port and perform correct connection.
Irregular sound or picture disappears occasionally	Whether A/V terminal cable is correctly connected Whether A/V terminal cable has the trace of distortion or damage	Unplug the terminal and connect it again. Replace A/V terminal cable.
No picture	Whether plug is inserted outside input port of TV (video signal)	Press the TV/Video button on TV set. Check the power connected to TV set.

### Specifications

Item	Name	Description	
1	Measure	W=430mm, H=85mm, D=320mm	
2	Weight	5KG	
3	Measure	100V-240V	
4	Video Output	NTSC, 75 $\Omega$ , 1VP-P	
5	Analog Sound Output	STEREO R/L, 1K $\Omega$ , 20HZ~20KHZ	
6	Fiber digital output	Fiber output terminal	
7	Digital coaxial output	PCM, 91 $\Omega$ , 0.5VP-P, 0.15~1MHZ	
8	Static noise	-105db	
9	IR reception	INFR, 38KHZ	
10	PS/2 device input	MOUSE	
11	VGA output	RGB, 75 $\Omega$ , MONITOR	
12	Externally connected to IR receiver	INFR, 38KHZ	



# Serious Statement

1. This product has two models, i.e. the one with HD and the one without HD.
  - A. We sell the authorized songs legally as the authorized company of China Audio-Video Copyright Association (CAVCA). Any song HD sold by us has the authorization label of CAVCA sticking to the device and the letter of authorization attached.
  - B. The device without HD demanded by the user does not have the authorization label and letter of authorization of CAVCA. The dealer of every tier or the user should buy the HD and obtain songs through legal channels and be responsible for the content of the songs.
  - C. This device contains the song adding software. After obtaining the songs through legal channels, the user may copy the songs onto the HD of this device and complete the editing and tidy-up. For details, see 3.2 of this Guide.

We provide HD data, user guide and tracklist structure data.
2. We have the right to modify the products described herein without prior notice. In case of wrong printing or program change, we will make some necessary changes to this Guide and add the changes into the new version.
3. We reserve the right to upgrade the software for this product. The final function of this product should be subject to the actual product. We reserve the final interpretation right.