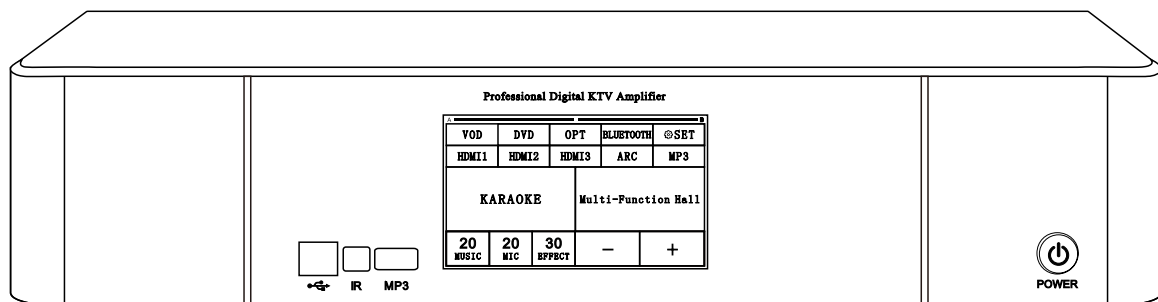


OWNER'S MANUAL



FCC WARNING

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.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.

IC Caution:

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference; and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

To maintain compliance with RF exposure guidelines, this equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.

Cet appareil contient des émetteurs/récepteurs exemptés de licence qui sont conformes aux RSS exemptés de licence d'innovation, sciences et développement économique Canada. Le fonctionnement est soumis aux deux conditions suivantes:

- (1) ce dispositif ne peut pas causer d'interférence.
- (2) ce dispositif doit accepter toute interférence, y compris l'interférence qui peut causer un fonctionnement indésirable du dispositif.

Pour maintenir la conformité aux directives d'exposition aux radiofréquences, cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps.

This radio transmitter IC:35061-HEM750 has been approved by Innovation, Science and Economic Development Canada to operate with the antenna types listed below, with the maximum permissible gain indicated. Antenna types not included in this list that have a gain greater than the maximum gain indicated for any type listed are strictly prohibited for use with this device.

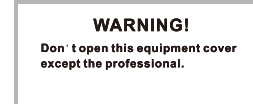
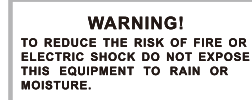
Antenna List:

Model: 2.4G	Name: Bluetooth antenna
Type: RP-SMA antenna	antenna Gain: 1.54 dBi
Impedance: 50Ω	

Preface

Thank you for purchasing our products. Before operating this machine, please read this instruction manual thoroughly so that you can understand how to use this equipment correctly. After you have read this manual, please keep it in a safe place for future reference.

Important Safety Instruction



During thunderstorms or if you do not plan to use the device for a long time, unplug the device from the power source to prevent any damage. Do not place the device where it is vulnerable to dripping or spraying. For example, do not place containers containing liquids on the device to prevent the device from getting wet. If the equipment experiences water infiltration, disconnect the power immediately and take the equipment to the dealer or the manufacturer for maintenance. In order to ensure the normal operation of the equipment, do not block the heat dissipation holes and fan holes of the machine. Do not install the device near heat sources such as radiators, electric heaters, stoves or other devices (including amplifiers) that generate heat. If the device fails, contact your dealer or manufacturer.

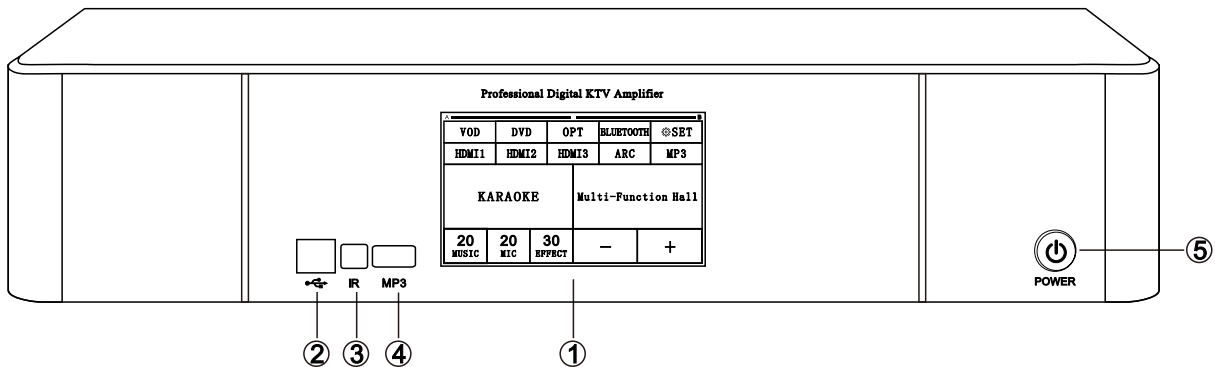
Simple Fault and Overhaul

Note:

In order to avoid unnecessary losses to you during transportation, when the machine fails, it is not necessarily a problem with the machine. Therefore, please check the following methods before you submit for repair. After the fault is determined, you can package the machine and return it to our company. We will provide you with enthusiastic repair services.

Phenomenon	Cause	Solution
No sound output and the display is off	The power socket has no power supply	Check the power supply system
	The socket is not well plugged	Please connect the power socket well and maintain good contact.
	The AC voltage fuse is burnt.	Unplug the power socket and exchange with the fuse of the same specification.
No sound output but the display is on	The output acoustics has no good signal connection	Reconnect and maintain good contact
	The main sound is set to the minimum	Reset as the setting means in the Instruction Manual
	The machine is set as mute.	Cancel mute
	The signal source has no signal output	Check the signal source
Have only one channel for sound output	The speaker output signal line on one side is not well connected	Reconnect and ensure good contact
	One input signal is wrongly connected or not connected	Reconnect and ensure good contact
	Damaged signal line	Replace and reconnect, ensure good contact

Function Description of the Front Panel

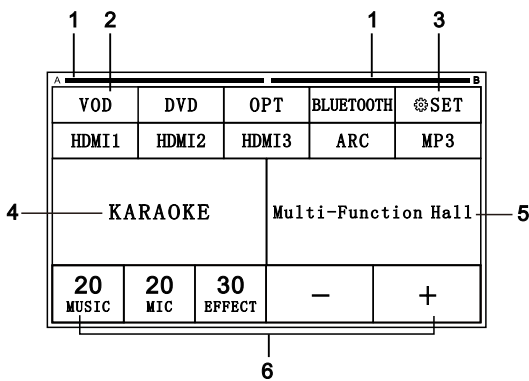


- 1 . touch display
- 2 . computer interface operate the device by connecting to the computer
- 3 . remote infrared receiver
- 4 . MP 3 play interface
- 5 . power switch

When this key is pressed, the soft start of the power amplifier's anti-surge impact circuit starts to work. After about 3 to 4 seconds, a "click" sound can be heard, which means that the soft start work is completed. After another 1 to 2 seconds, we hear A "click" sound means that the amplifier is connected to the speaker, and the device is now in working state.


Function Description of the Touch Screen

Turn-on interface, connect to the power supply. After turning on the power switch, the equipment has the default display interface, which is shown in the below diagram;



1. Wireless microphone signal indication:

When the wireless microphone is turned on, the bar is highlighted. 

When the wireless microphone is turned off, the bar is in gray. 

2. Display the present input signal source. Touching this area enters the input signal selection interface.

VOD	DVD	OPT	BLUETOOTH	
HDMI1	HDMI2	HDMI3	ARC	MP3

- 1) VOD: VOD signal input
- 2) DVD: CD\DVD\VCD signal input
- 3) optical fiber signal input
- 4) Bluetooth signal input
- 5) HDMI1、2、3 signal input
- 6) ARC: TV audio signal return
- 7) MP 3 signal input

3. Touch setting enters into the parameter setting interface

System Setup			
Music Max Vol:	80	Music Init Vol:	80
Mic Max Vol:	80	Mic Init Vol:	80
EFF Max Vol:	80	EFF Init Vol:	80
中文	Factory set	-	+

- 1) Music max volume: 0 - 80
- 2) Music start-up volume: 0 - 80
- 3) Microphone max volume: 0 - 80
- 4) Microphone start-up volume: 0 - 80
- 5) Effect max volume: 0 - 80
- 6) Effect start-up volume: 0 - 80
- 7) English: choose English interface/Chinese interface switchover
- 8) Factory setting: choose to recover the factory setting or not
- 9) Volume setting: increase/decrease

4. K song mode selection, it will pop up when you touch this area: K song / Singer / Pro / Magic, the selected mode will be highlighted. After 5 seconds without any operation, it will automatically return to the startup interface.

K song	K song	singer
	profession	Mag ic

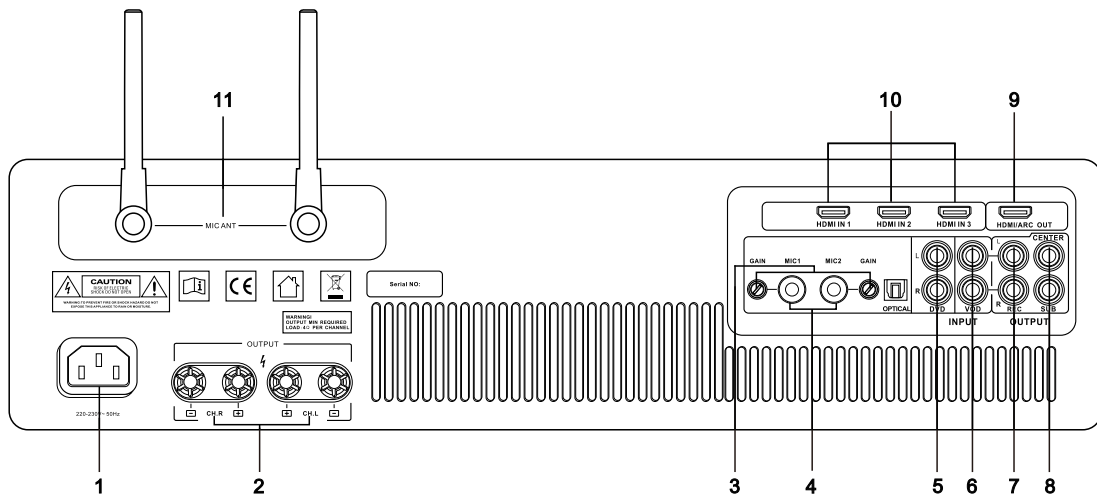
5. Multifunctional hall mode selection. It will pop up big/middle/small/conference. the selected mode will be highlighted. After 5 seconds without any operation, it will automatically return to the startup interface.

Multifunctional hall	Big	middle
	Small	Conference

6. Music, microphone and effect volume display and volume adjustment selection. Touch the corresponding area, select “+/-” to adjust the volume after showing the yellow frame. Touch and hold this area can have mute (red figures). Touch and hold to stop mute mode.

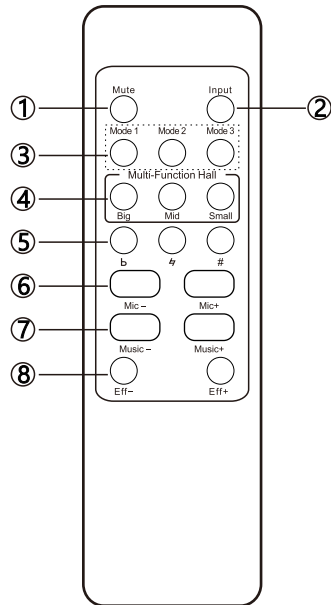
20 MUSIC	20 MIC	30 EFFECT	-	+
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Introduction of rear panel



1. Power source input socket
2. The connection means of the professional wiring column is red+ black-.
3. MIC 1 / MIC 2 gain control
4. MIC 1 / MIC 2 input socket
5. DVD audio input socket
6. VOD audio input socket
7. REC audio output socket: L/ R main output socket
8. CED/ultra-low sound output socket
9. HDMI/ ARC OUT socket: For connecting an HDMI-compatible TV and outputting video / TV audio signal return
10. HDMI(1 - 3) socket: For connecting an HDMI-compatible playback device and inputting video / audio signals
11. Wireless microphone receiving antenna

Function of remote controller:



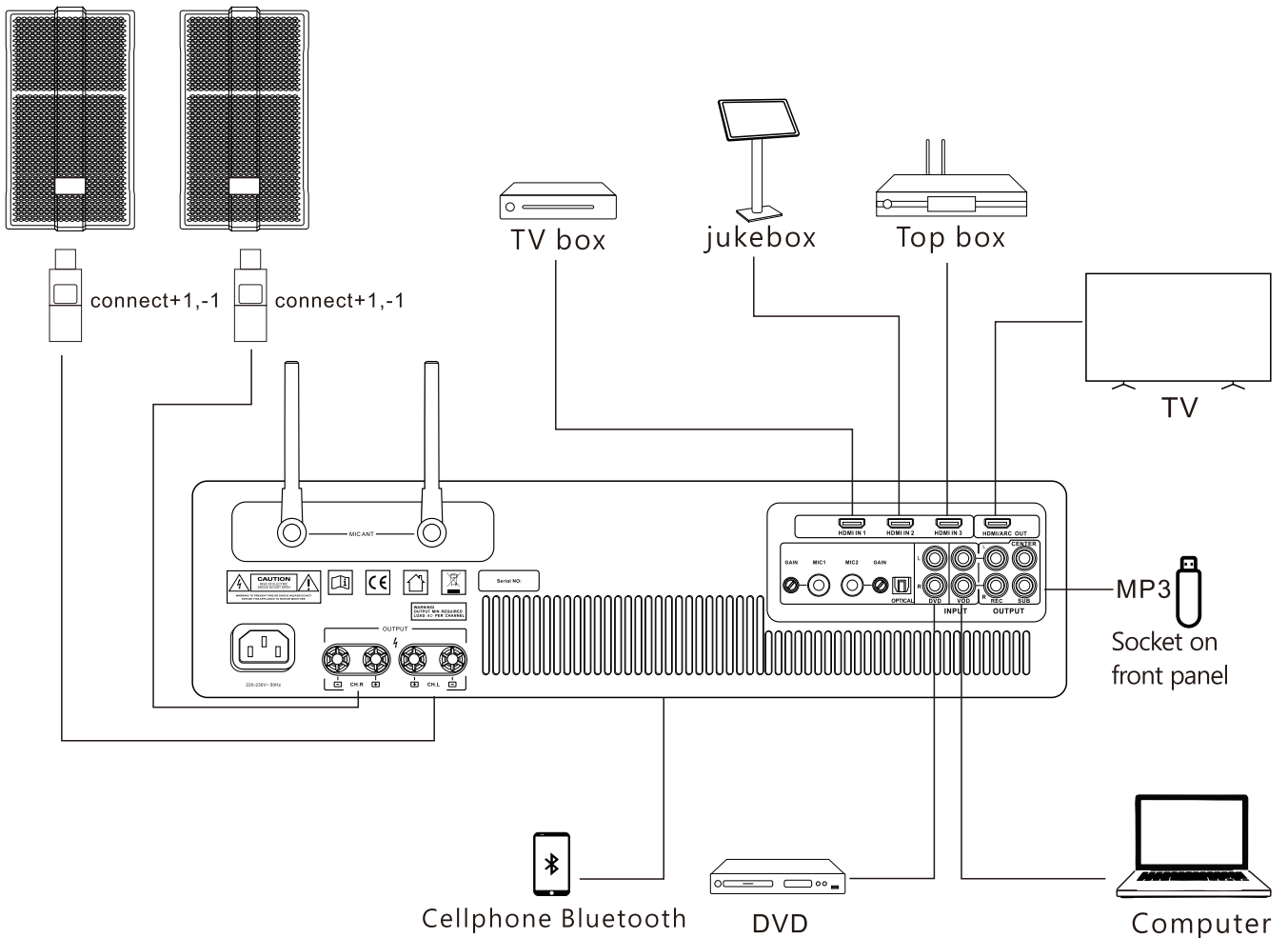
1. Mute button
2. Input signal selection button
3. K song mode selection button
4. Multifunctional hall mode selection
5. Tone change/decline/reset/rise
6. Microphone volume increase or decrease
7. Music volume increase or decrease
8. Effect volume increase or decrease

Technical parameters:

Output interface	Binding
Frequency response	20Hz-20kHz, ± 1.5 dB
Input sensitivity	0.5V
Balance input impedance	10k Ω /un-Balanced
SNR	≥ 95 dB
Distortion	≤ 0.2
Rated output power 8 ohm 1KHz degree of separation	> 70 dB
Damping factor f=1KHz 8 OHMS	> 240
Conversion speed	15V/ μ S
Protection	Soft Start, Short Circuit, Limiter, DC Fault, AC Line Fuse, Thermal Cut
Cooling system	Fan

External Equipment Connecting Diagram

When connecting the speaker connector, please confirm the +,-polarity and the left (L) and right (R) channels, and do not connect the reverse cable. The speaker connector should be careful not to come off and come into contact with other terminals or the rear panel. In addition, please be careful not to contact the polarity of the speaker connector or the cable of the channel.



About speaker impedance

If the high-power output for a long time is lower than the speaker (such as 4Ω) of the rated impedance ($6 \sim 8\Omega$), the built-in protection circuit will automatically start. After the protection circuit is activated, please unplug the power cord, maintain good ventilation, and reconnect the power after reducing the temperature.

In connecting the signal cable

When connecting the signal cable, after unplugging the power cord of the device, please note that the left channel (L: white) and rear channel (R: red) of the connection terminal may have some differences with the equipment. Please refer to the instruction manual of the product before connecting to make sure to connect correctly. If the left and right signal cables are reversed, the stereo effect will be reduced.

