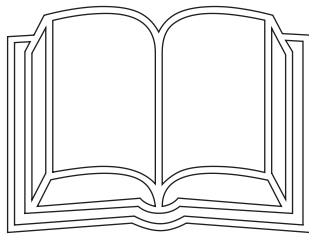
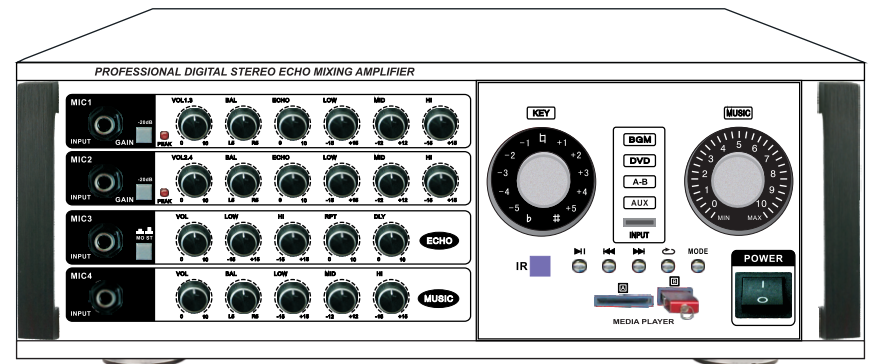


# Professional Digital Stereo Echo Mixing Amplifier

## User Manual

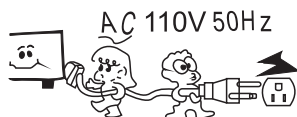


## User Manual



Please read this user manual before connection and using.

## OPERATION NOTICE



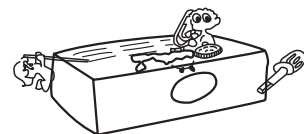
1. Be sure to set the line voltage AC 110V/50Hz  
If you are not sure of the type of power supply to your home, consult your appliance dealer or local power company.



2. Please put on this unit in the windy place  
Avoid direct sunshine and nearing heater.  
Do not operate in a sealed box and be sure to have enough room for heat exchange.



3. Protect voltage line  
Avoid high pressure and stamp on, do not pull, push excessively.



4. Avoid metals dropping in, like needle hairpin, coin, otherwise the unit will get short and out of work.



5. Avoid water, dust and moisture  
Do not put the unit on high moisture or a dusty place. Flower vase and other water container should not be put above the unit.



6. Avoid cleaning with volatile solution  
Do not spray insecticide. Do not clean with alcohol, painting, gasoline, etc.



7. Avoid covering vents  
Block up the vents will make the temperature in the unit become higher and will damage the unit.



8. Avoid opening the cover or back  
Do not open the cover, re-fix or touch the inner parts. No user-serviceable parts inside, refer servicing to qualified service personnel.

## MAIN SPECIFICATIONS

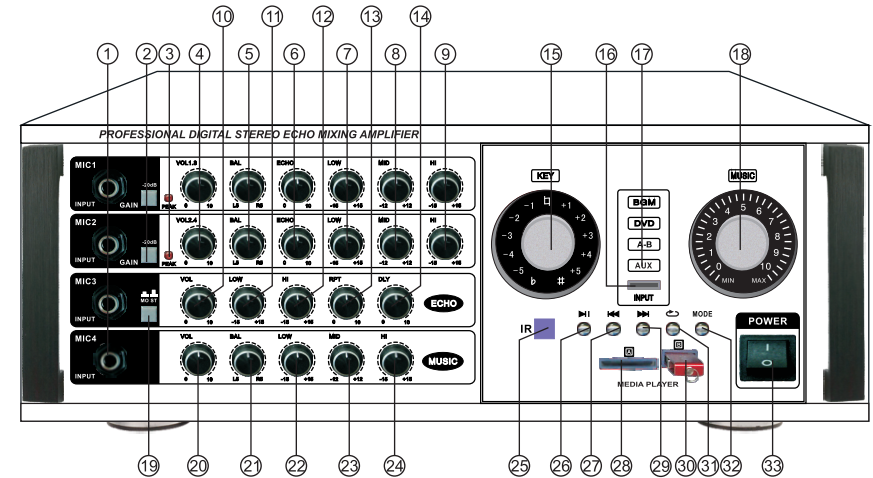
|                                     |                      |
|-------------------------------------|----------------------|
| Frequency response(line input):     | 40Hz-20KHz(+2dB)     |
| Output power(4Ω):                   | L CH 500W+R CH 500W  |
| Output power(8Ω):                   | L CH 350W+R CH 350W  |
| Total harmonic distortion:          | ≤0.19%(1KHz/1W/4Ω)   |
| Signal to noise ratio (line input): | ≥80dB(No A-weighted) |
| Input sensitivity:                  | 200mv                |
| Treble control:                     | ±15dB(10KHz)         |
| Bass control:                       | ±15dB(100Hz)         |
| Power supply:                       | 110V 50Hz            |

Note:the above specifications are only for your reference.

## TROUBLE OVERHAUL

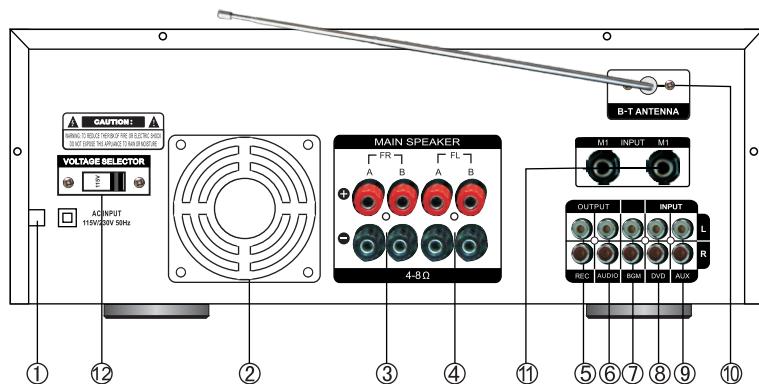
| PHENOMENON                                  | REASON  | SOLUTION   |
|---|---|--|
| No sound with the pilot lamp out.           | <ol style="list-style-type: none"> <li>1. The plug isn't connected well.</li> <li>2. The socket is out of power.</li> <li>3. Do not press the switch.</li> </ol>  | <ol style="list-style-type: none"> <li>1. Connect the plug of power tightly.</li> <li>2. Change another socket and try it.</li> <li>3. Press the switch.</li> </ol>  |
| No sound with the pilot lamp on.            | <ol style="list-style-type: none"> <li>1. The line of speaker isn't connected well.</li> <li>2. The volume is on the min.</li> <li>3. Without any signal of audio input.</li> <li>4. The place of switch selection is wrong.</li> </ol> | <ol style="list-style-type: none"> <li>1. Check and connect the line well.</li> <li>2. Adjust the volume to the moderate.</li> <li>3. Connect the signal of sound source again.</li> <li>4. Choose the right place.</li> </ol> |
| One channel has sound but the other hasn't. | <ol style="list-style-type: none"> <li>1. One side of the speaker's line isn't connected well.</li> <li>2. One channel of the signal line isn't connected well.</li> <li>3. One side of the signal line is cut off.</li> </ol>          | <ol style="list-style-type: none"> <li>1. Check and connect the line well.</li> <li>2. Check the signal line and connect it well.</li> <li>3. Change another new line and try it.</li> </ol>                                   |
| Microphone is silent.                       | <ol style="list-style-type: none"> <li>1. Microphone is not well connected.</li> <li>2. Turn the MIC volume to min.</li> <li>3. Do not turn on the microphone.</li> <li>4. The microphone is out of work.</li> </ol>                    | <ol style="list-style-type: none"> <li>1. Connect microphone correctly.</li> <li>2. Adjust the volume to moderate.</li> <li>3. Turn on the microphone.</li> <li>4. Change a good one.</li> </ol>                               |
| Karaoke without reverberation.              | Echo is turned to min.  | Adjust echo to moderate.   |

## FUNCTION MANUAL OF FRONT PANEL



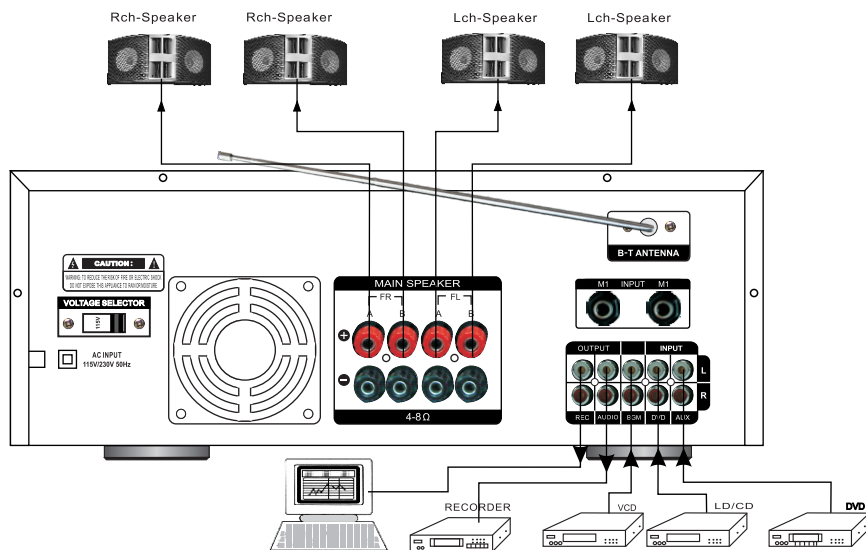
- 1.mic 1 2 3 4 jack
- 2.mic -20db switch
- 3.mic overload led
- 4.mic 1 2 3 4 volume adjust
- 5.mic balance adjust
- 6.mic echo adjust
- 7.mic low tone adjust
- 8.mic middle tone adjust
- 9.mic high tone adjust
- 10.echo volume adjust
- 11.echo low tone adjust
- 12.echo high tone adjust
- 13.echo repeat adjust
- 14.echo delay adjust
- 15.To transpose the key of the played music ,rotate this control.The key can be changed in half tone steps in 5 steps;either higher or lower.To reset the key to the natural key, press this control.If over 5 seconds of silence occurs, the unit assumes the played song has finished and reset the key to natural.
- 16.BGM/DVD/A-B/AUX input selector
- 17.BGM/DVD/A-B/AUX input function display
- 18.Adjust the volume of the music source
- 19.Mono/stereo switch
- 20.Music volume adjust
- 21.Music balance adjust
- 22.Music low tone adjust
- 23.Music middle tone adjust
- 24.Music high tone adjust
- 25.This sensor receives signals from the remote control.
- 26.Media play/pause switch
- 27.Media prev switch
- 28.Media A input interface
- 29.Media next switch
- 30.Media B input interface
- 31.Media repeat switch
- 32.Media work mode select A/B
- 33.Power switch

## FUNCTION MANUAL OF REAR PANEL

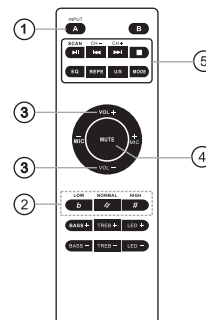


- |                                |                                  |
|--------------------------------|----------------------------------|
| 1.AC 115V/230V Power Input     | 8.Audio Input BGM Jack           |
| 2.Ventilation                  | 9.Audio Input DVD Jack           |
| 3.Right Channel Speaker Output | 10. Bluetooth Antenna            |
| 4.Left Channel Speaker Output  | 11. Mic1 Jack                    |
| 5.Mic Signal Output Jack       | 12.AC 115V/230V Voltage Selector |
| 6.Audio Record Output          |                                  |
| 7.Audio Input AUX Jack         |                                  |

## DIAGRAM OF SYSTEM CONNECTION

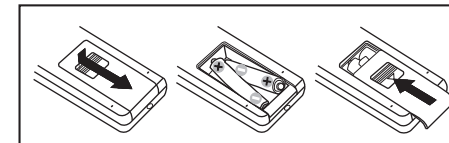


## REMOTE CONTROL



- ① **INPUT**  
To select the music input signal source(BGM/DVD/A-B/B-T)
- ② **KEY CHANGE SWITCH**  
Press **b** , To degrade musical tones.  
Press **↵** , To normal [of] musical tones.  
Press **#** , To boost up musical tones.
- ③ **VOLUME CONTROL MUSIC SWITCH**  
Moment depress (**+**) , voice will go up.  
Moment depress (**-**) , voice will go down
- ④ **MUTE**  
To shut off the sound signal output
- ⑤ **MEDIA PLAYER**  
▶|| : Media play/pause button  
◀◀ : Media previous button  
▶▶ : Media next button  
■ : Media stop button  
EQ : Media sound field effect button  
REPE : Media repeat button  
U/S : Media A to B button  
MODE : Media work mode select A/B

### How to install batteries



The service life of the batteries for this remote control is approx.six months under normal use. If the remote control is not going to be used for an extended period of time ,remove the batteries. It is recommended to replace weak batteries at your earliest opportunity.

The improper use of batteries may lead to chemical leakage or explosion. Observe the following precautions;

- ① Insert batteries with their positive(+)and negative (-) poles positioned correctly according to the indication on the battery compartment
- ② Do not use an old and new batteries together.
- ③ Use batteries of the same type.Never use batteries of different types together as voltage may be different,even if they are the same shape.
- ④ Discard exhausted batteries into a designated bin (so as not to contaminate the environment).

### Wireless remote control

The allowable distance between the wireless remote control unit and the remote sensor (infrared signal reception window) is approx.5 m. Note that the remote control may not work if it is not properly pointed to ward the remote sensor or if there is any obstacle between the remote control and the sensor.

