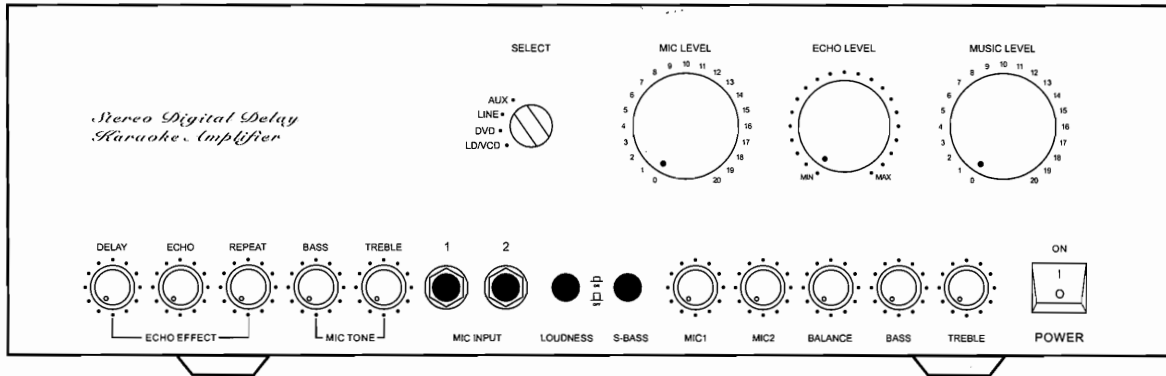


KARAOKE AMPLIFIER

Stereo Digital Delay Karaoke Amplifier



Manual

English

본 제품을 사용하기 전에 사용설명서를 꼭 읽어주시기를 바랍니다.

Thank you for purchasing this Digital Echo Karaoke Amplifier. It is designed and developed by Han Song Electronic of Korea with the most of new technology. To ensure the best function and correct installation of this unit, please read this manual carefully, and keep it properly in case for future reference.

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rear panel manual =====	. 6 . 7 .
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Caution:

Unit is big power ,putting it in the well ventilated and cool place,unputting anything within 20cm at least.

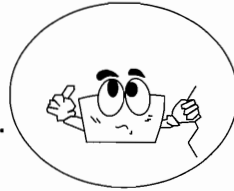
Soft dry cloth cleans unit .If too dirty ,cleans unit by soft cloth with diluted cleaner into 5 times or 6 times ,after dry it by dry cloth .

No alcohol ,solution ,insecticide or other erosive solution dry the unit in case of damage thepanel;No cloth with chemicals cleans the unit in case of panel fade or shell.

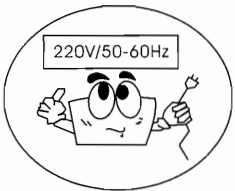
■ Cautions Instruction



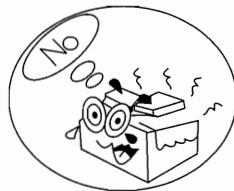
Nonprofessional repair people don't open this unit in case of electronic shock.



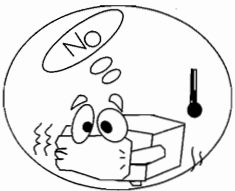
Insert the earth wire into the earth line of the rear panel to prevent electronic shock.



AC power: 220V/50-60HZ



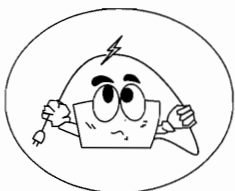
Don't cover anything on the unit, install this product in well ventilated and cool place.



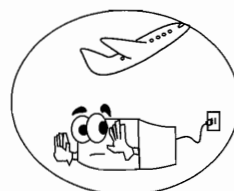
Keep dry



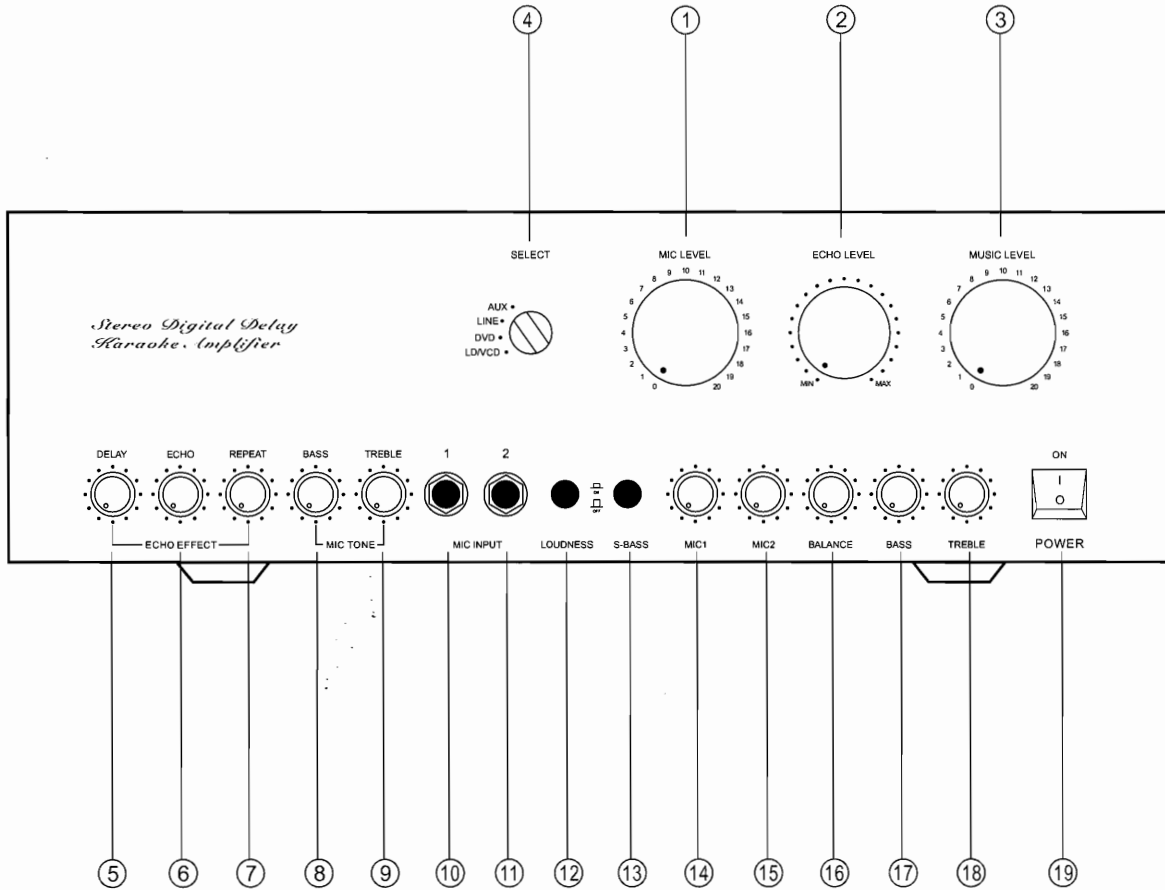
Don't put anything of flammable and erosive near the unit



No damage the power cord, no knot the power cord.



Swith off the power and unplug the socket to prevent unexpected risks when out of home and travel in long time.



⚙ All the knobs turn into the middle position best

1. Mic overall volume control
Adjust the overall mic volume.

2. Effect volume control
Adjust the effect volume; From left to right effect
Increase step by step.

3. Music volume control
Adjust music volume

4. Select
Select AUX, LINE, DVD, LD/VCD

5. Delay knob
Adjust echo delay.

6. Echo level adjust
Repetition times become more and
more adjusting level clockwise.

7. Echo repetition adjust
Repetition will strengthen adjusting clockwise.

18. High knob
adjust mic high

8. Low knob
Adjust music low

19. Power switch

9. High knob
Adjust the music high

10.11. Mic input
Insert mic or other signal

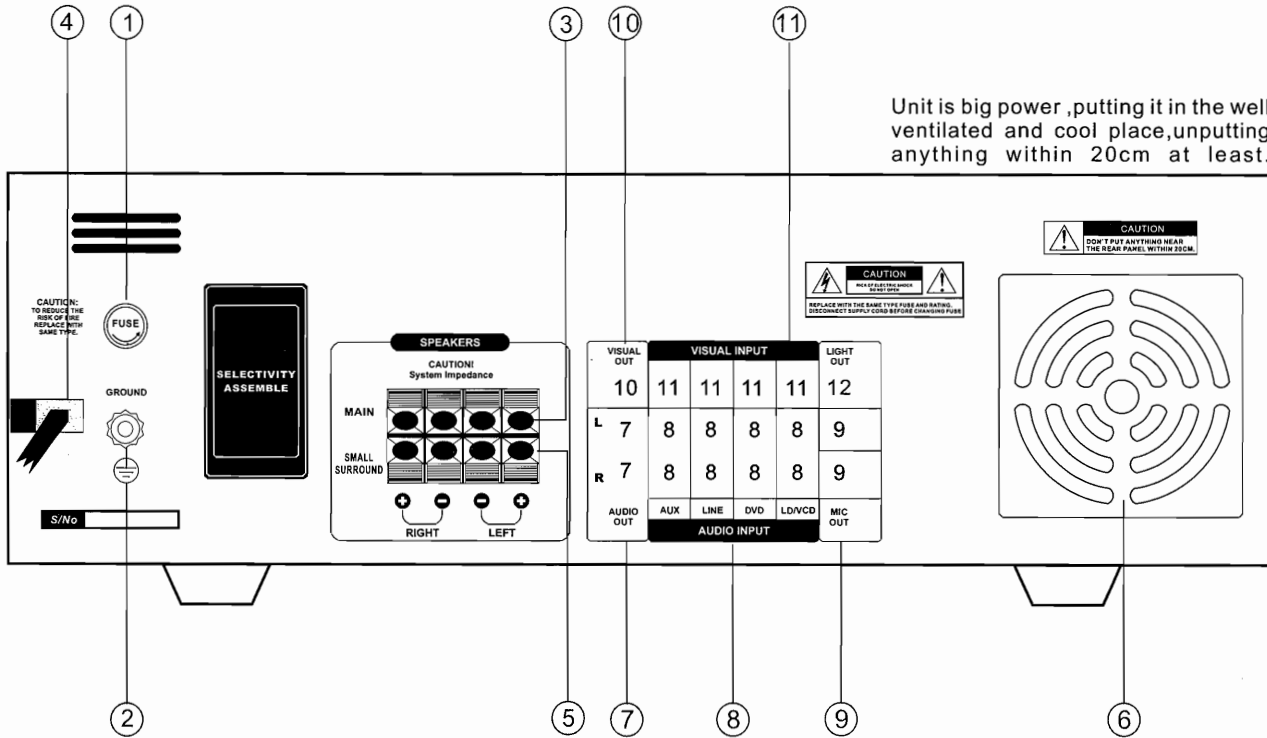
12. LOUDNESS

13. S-BASS

14.15. volume knob
adjust the mic volume

16. Middle knob
Adjust the mic middle

17. Low knob
Adjust the mic low

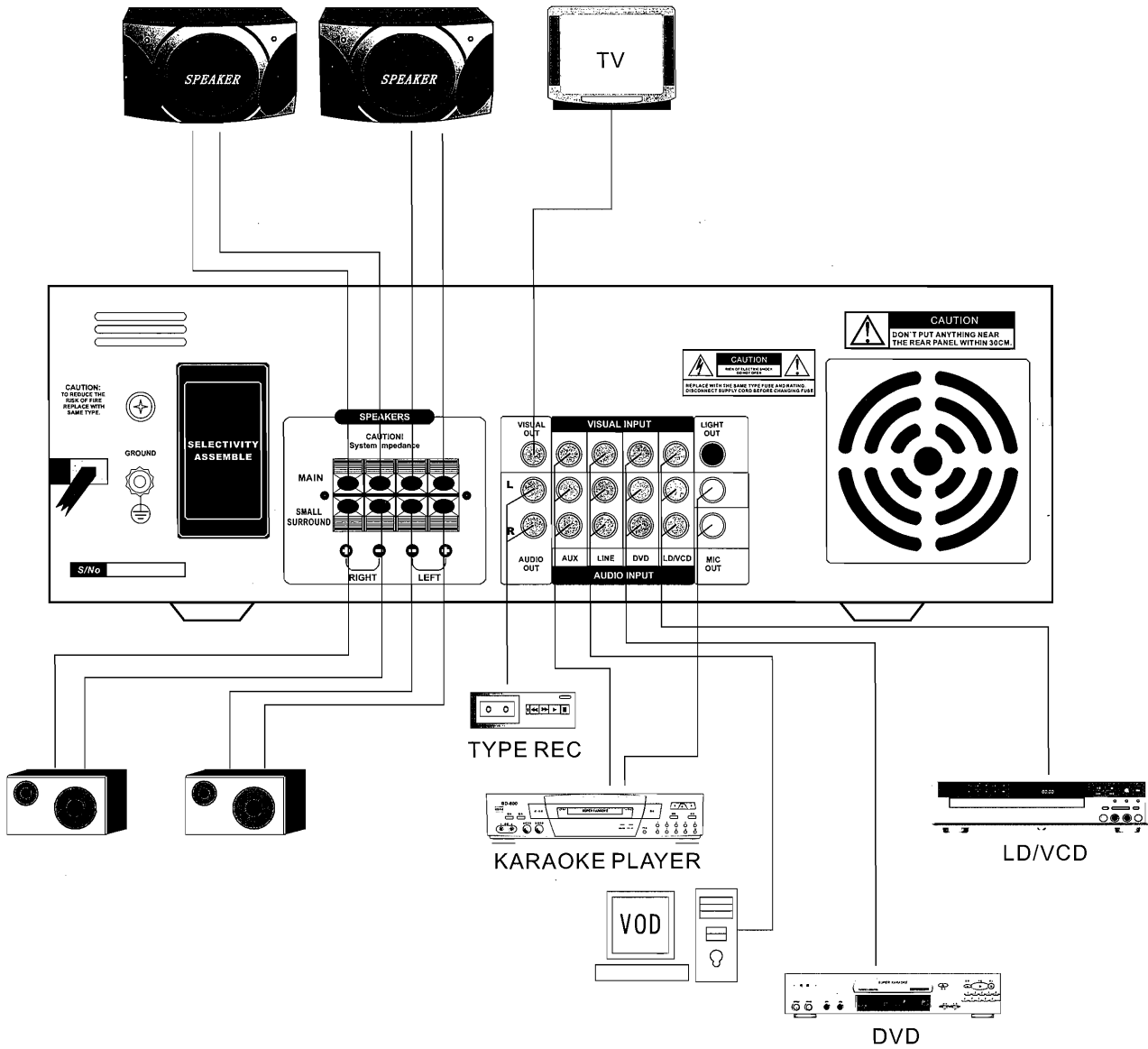


Unit is big power ,putting it in the well ventilated and cool place,unputting anything within 20cm at least.

- 1. Fuse**
- 2. Earth line**
- 3. Master speaker connect line**
- 4. Power Cord**
- 5. Aux speaker connect line**
- 6. Air-Vent**
- 7. Mixer audio output socket**
- 8. Audio input**
- 9. Score line**
- 10. Video output**
- 11. Video input**
- 12. Effect-light output (No Fancion)**

- 1. Fuse**
Please refer to technology parameter of 9th page
- 2. Earth line**
Please connect earth wire in case of electronic shock
- 3. Master speaker connect line**
Red connect line is anode ,and black connect line is cathode.When connect speaker of amplifier connect line to connect line of speaker, anode connect to anode ,cathode connect to cathode.Resistance is 4Ohm-8Ohm.
- 4. Power Cord**
- 5. Speaker Connect line**
Red connect line is anode ,and black connect line is cathode.When connect speaker of amplifier connect line to connect line of speaker, anode connect to anode ,cathode connect to cathode.Resistance is 8Ohm.
- 6.** Leave 20CM ventilated room at least of rear panel
- 7. Mixer audio outer socket**
Audio output to other equipment.
For example: Recorder, TV, Amplifier ect
- 8. Audio input**
Outer audio connect AUX, VOD, DVD, LD relevantly.
- 9. Score line**
Connect music player,output song score.
- 10. Video output**
Output music player, VOD, DVD
Equipment video to TV or TV Wall
- 11. Video input**
Connect outer video to AUX..VOD video insert to VOD socket, DVD audio insert to DVD socket, LD audio insert to LD socket.

System Connection



Specification

SPECIFICATION

Output power (RMS POWER)	4Ω (150W x 2)
Fuse	250V T8.0A
THD	0.5%
mic input sensitivity /resistance	10-40mV / 600OHM
CD/LCD input sensitivity /resistance	0.775V/22K
Adjust Gain	<p>MUSIC (LO) ±15dB(100Hz) (MID) ±12dB(1KHz) (HI) ±15dB(10KHz)</p> <p>MIC (LO) ±15dB(100Hz) (MID) ±12dB(1KHz) (HI) ±15dB(10KHz)</p>
Main speaker line	4Ω – 8Ω
Aux speaker line	8Ω
Audio input sensitivity/resistance	0.775VP.P / 51KOHM
Audio output sensitivity/resistance	1VP.P / 51KOHM
Output sensitivity	1V
REC output sensitivity	1V
MIC output sensitivity	1V
Frequency	<p>INPUT AUDIO 20Hz- 20KHz MIC AUDIO 50Hz- 20KHz</p>
Power Source	AC 117V/ 60Hz
Dimensions	430 x 128 x 340 (mm)
Weight	12.5Kg

Simple Trouble Solution

when you find trouble ,please refer to the under instruction .if you still can` t solve the trouble ,contact to the dealer directly.

Truble	Cause	Solution Way
No sound	no connect power source other device is work or not volume knob is in the smallest music output doesn` t connect or connect wrong	connect power source please refer the rear panel . please refer the other manual please adjust the volume to the fit position
No mic signal	mic wire circuit is broken or mic switch connect bad mic volume is in "0" mic is too far from the singal source	ensure the mic wire or switch is well adjust to volume to the fit the better distance is 5cm -10cm
Have harsh sound using the mic	volume is in the bigger mic is nearer to the speaker speaker is in the wrong position	adjust the volume to the fit stand off the distance from the mic to speaker adjust the speaker to the right position
One speaker hasn` t sound or small sound	connect speaker wrongly bal or sensitivity turn to one way	check the speaker connect parts adjust right or left bal or sensitivity

Repair card

Repair card

Name		Tel		Postcode	
Address					
Kind			Number		
Shop			Date		
Repair Address			Invoice Number		

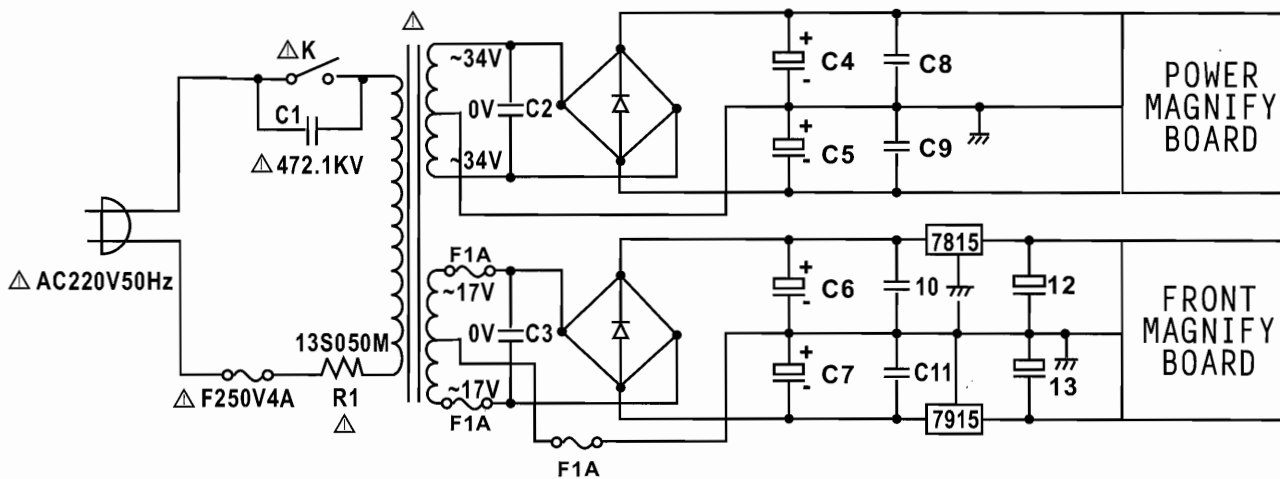
Repair record

Date	Repair Content	Replace parts		Repair person	Signer
		Name	Quantity		

※ Please fill in the card when purchasing the unit.

※ buyer don't mail the card to plant.

Block diagram



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