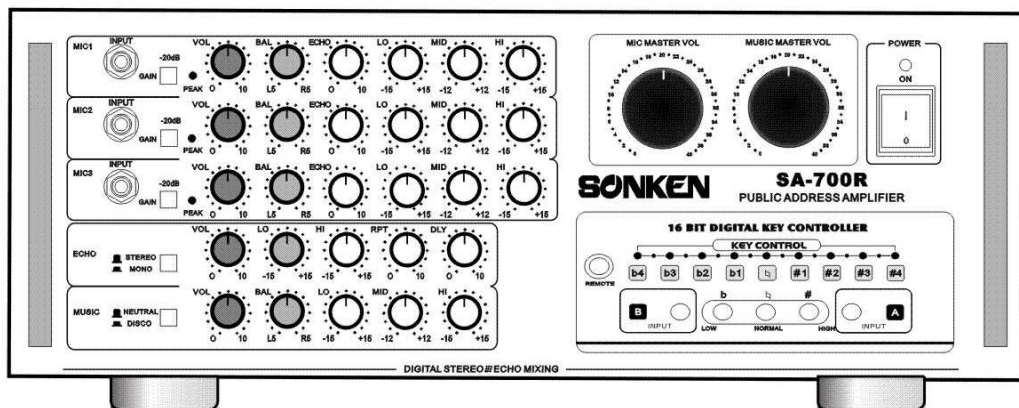


Operation Manual

PROFESSIONAL DIGITAL MIXING AMPLIFIER

MODEL: SA-700R



SONKEN

SPECIFICATIONS

Audio output.	MAX 550W
MIC input sensitivity.	10mV
External devices sensitivity.	200mV
Signal/Noise ratio(with IHF A Fiter).	80dB
T.H.D(1kHz,AUX 150mV INPUT).	2%
Frequency band.	25Hz~20kHz
Mic.tone adjustment.	80Hz±15dB 3.5KHz±8dB 12KHz±15dB
Echo tone adjustment.	80Hz ±15dB 12KHz ±15dB
Power source.	AC240V/50Hz
Electricity consumption.	650W
Weight.	17kg
Dimension(mm).	495(W)×208(H)×180(D)

CAUTION

All the safety and operation instructions should be read before this product is operated.

- (1) AC Power: ~240V 50Hz
- (2) Power cord protection: Cords should not be pinched by items placed upon or against them. Do not pull or take out the cords.
- (3) Ventilation: This product should be situated so that its location or position does not interfere with its proper ventilation. Do not put discs or cloth upon the product. The distance between the product and wall should not less than 10 cm. The device should not be situated on a bed, sofa, rug, or similar surface that may block any ventilation openings.
- (4) Water and moisture: This product should not be used near water or dusty places. Vase or other watery items should not be put upon the product. Do not expose the product to rain.
- (5) Heat: This product should be stay away from heat sources such as radiators, or other devices producing heat.
- (6) Electric shock : Make sure objects do not fall on, or liquids are not spilled into this product. Metal items, even a barrette or a needle, can cause the risk of electric shock.
- (7) Do not remove the cover: To reduce the risk of electric shock, do not remove cover(or back). No user-serviceable parts inside, please refer servicing to qualified personnel.
- (8) Cleaning: Clean only with a dry cloth. Never clean this product with volatile liquor such as alcohol, gas, dope thinners, etc.
- (9) Unusual odor: Unplug this product from the wall outlet and contact the local franchiser or Servicing Centre.
- (10) When not use fro a long time:
 - A. Unplug this product from the wall outlet to avoid fire.
 - B. Avoid water or other liquids spill into this product;
 - C. Avoid water, metals or tinder fall into this product from the ventilation opening. Unplug the power supply and refer help to the servicing centre or franchisers once accident happens.

Notice:

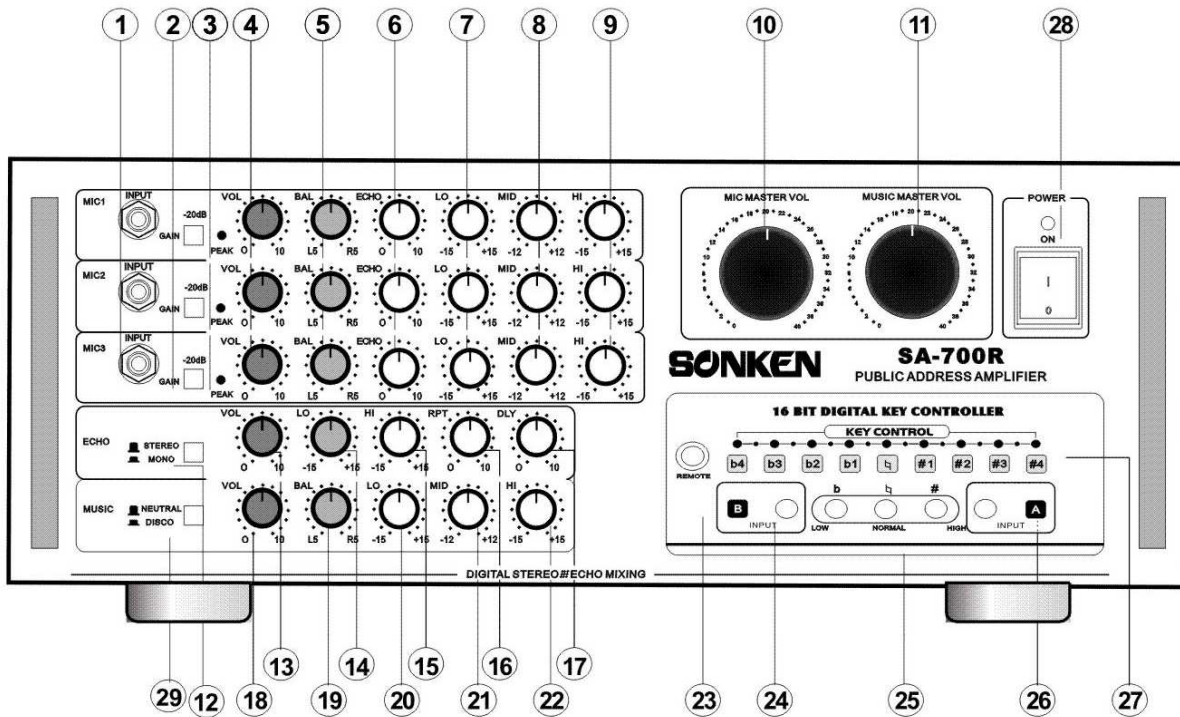


The symbol is to warn users high voltage parts are inside this product and may cause electric shock.



The symbol is to remind users important operation and servicing instructions are offered with this device.

FUNCTION OF FRONT PANEL



MICROPHONES

1. Microphones input sockets
2. Input signal attenuators
3. Auto-gain level indicators
4. Microphone volume control
5. Balance control
6. Echo depth control
7. Bass control
8. Mid-range control
9. Treble control

MASTER VOLUME

10. Microphone master volume control
11. Music master volume control
(Built in volume return motor)

ECHO

12. Stereo or mono selector
13. Echo volume control
14. Bass control
15. Treble control
16. Repeat control
17. Delay time control

MUSIC

18. A .B input signal adjust
19. Balance control
20. Bass control
21. Mid-range control
22. Treble control

STONE

23. Remote control sensor
24. B input signal plug-in controller
25. Key control
26. A input signal plug-in controller
27. Display screen

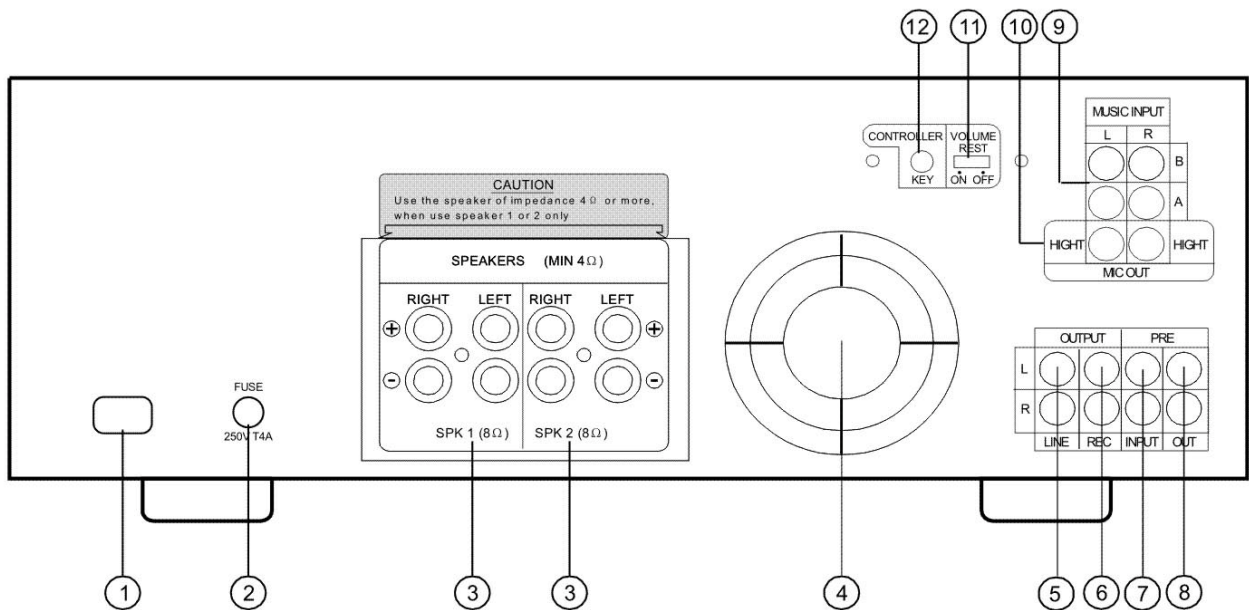
POWER ON/OFF

28. Power switch
Press the top of the switch to light the indicator, power ON; Press the bottom of the switch to shut down the power.

MUSIC SPECTRUM DISPLAY MODE

29. Disco position for disco use, and HI-FI position for Karaoke use

FUNCTION OF REAR PANEL



1. AC POWER SUPPLY SOCKET

Before plug-in the power supply, be sure to use the voltage of 240V 50Hz

2. AC POWER FUSE HOLDER

3. SPEAKER SYSTEMS OUTPUT JACKS

1. When making connections, take care that none of the individual connectors, of the speaker cord come in contact with adjacent terminals, with other speaker cord conductor or with the rear panel.
2. Connect the speaker terminals with the speakers making sure that like polarities are matched (+ with +, - with -). Mismatching of polarities will result in weak central sound, unclear orientation of various instruments, and the sense of direction of the stereo would be impaired.
3. When one speaker system is used speakers with an impedance of 4 to 8 ohms should be connected for used as main amplifier output terminals. Be careful when using two pairs of front or center speakers at the same time, since use of speakers with an impedance of less than 8 ohm will lead to damage. Should use speakers with an impedance of 8 ohms to 16 ohms.

4. HEATSINKING BLOWER OUTLET

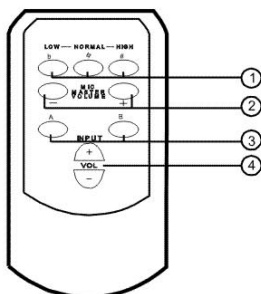
5.6.7.8.9.10 SIGNAL INPUT JACKS

The product works once the A, B terminal inserted with signal source (CD, VCD and etc.). If work without an amplifier, the I/O jacket must be inserted with PRE.

11. AUTO MASTER VOLUME TURN BACK SWITCH

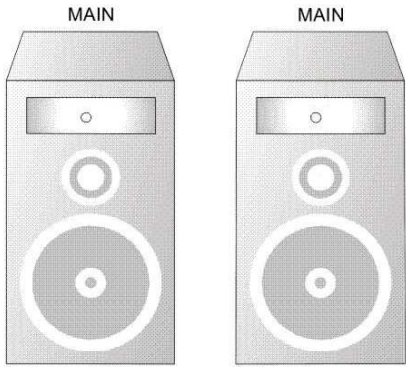
Selector of turn back mode for adjusting the volume of MIC and music. ON for auto turn back; OFF for cancel this function.

12. KEY CONTROL JACK

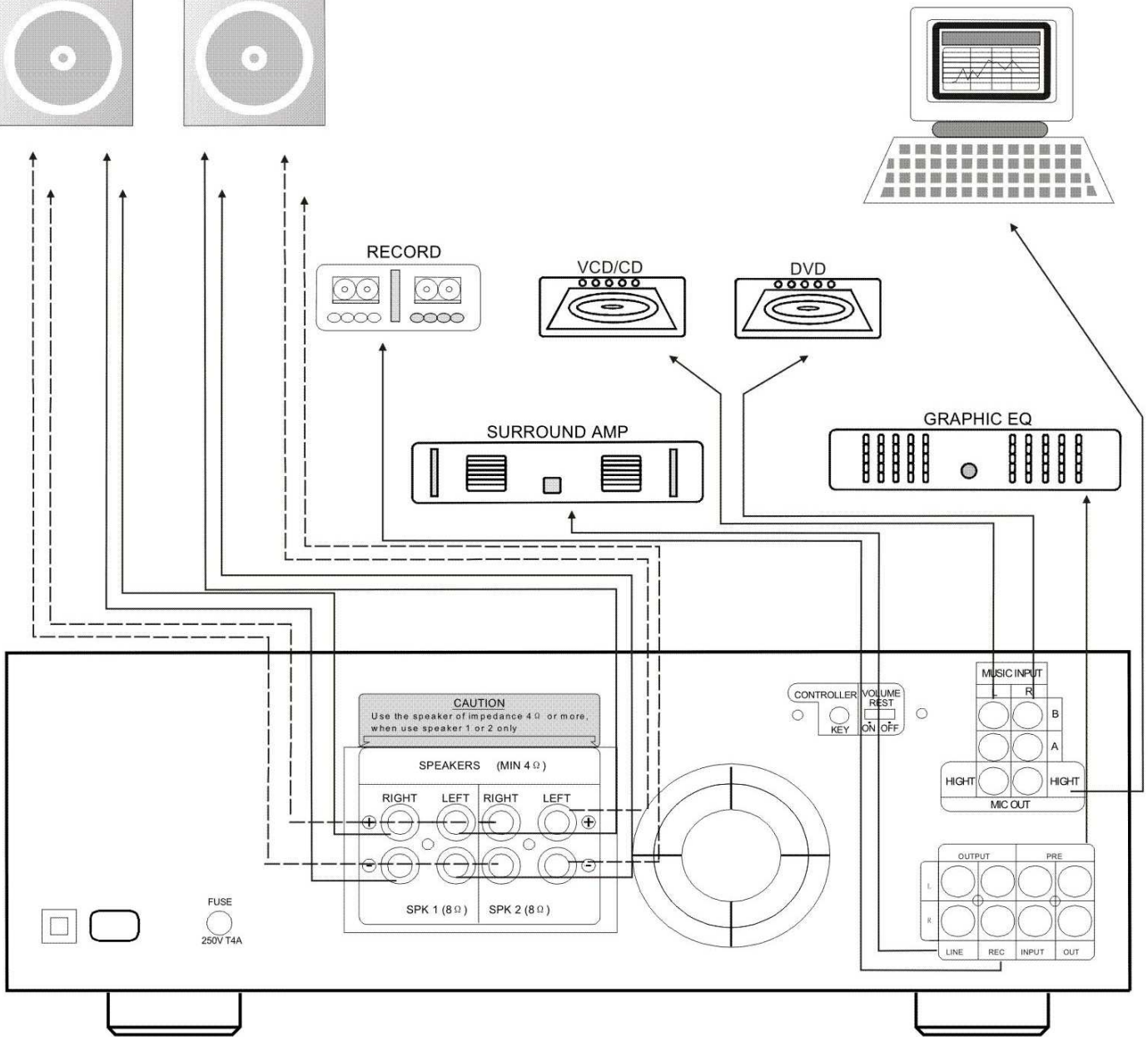


1. Key control
2. Microphone volume control
3. A . B input signal plug-in control
4. Music master volume control

CONNECTING GUIDE



Use the speaker of impedance 80hm or more,when use speaker 1,2 simultaneously.



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