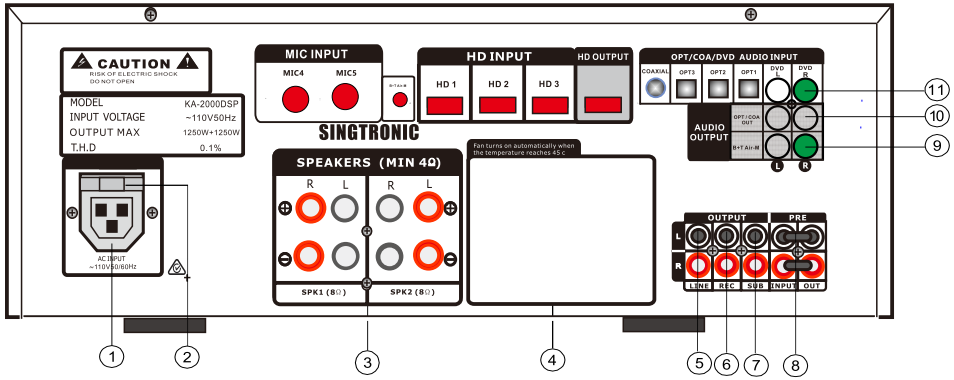
FUNCTION OF REAR PANEL



1. AC POWER SUPPLY SOCKET

Before plug-in the power supply,be sure to use the voltage of 110V 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 wouid 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.RCA CONNETOR OUT TO BRIDGE AMPLIFIER

6.RCA CONNETOR SIGNAL OUT FOR RECORD

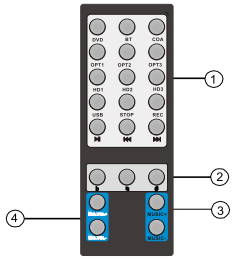
7. RCA CONNETOR SIGNALSUB OUTPUT

8.RCA CONNETOR SIGNAL OUT (PRE OUT)

9.B+T Air-M OUTPUT

10.OPTICA/COACIAL OUTPUT

11.MUSIC INPUT

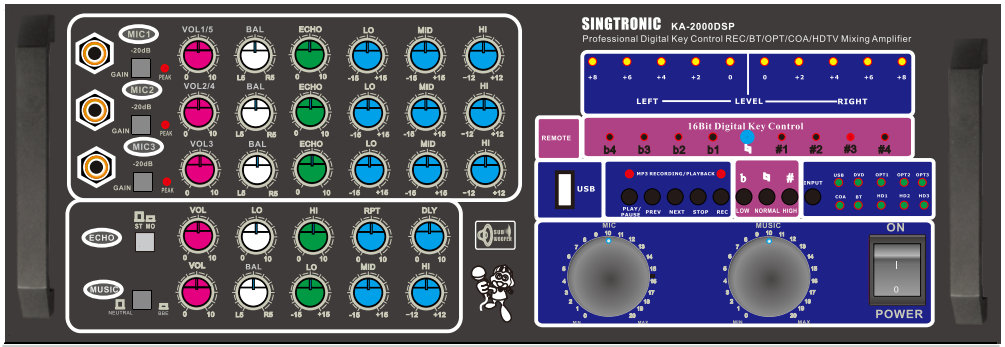


1. DVD/BT/COA/OPT/USB/HDMI Input
2. KEY Control
3. Music Master Volume Control
4. Microphone Volume Control

SINGTRONIC

Professional Digital Key Control REC/BT/OPT/COA/HDTV Mixing Amplifier

Operating Manual



KA-2000DSP

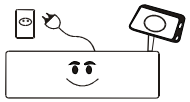
SPECIFICATIONS

Audio output	1250W+1250W
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	AC110V/50Hz
Weight	18kg
Dimension(mm)	520(W)×230(H)×510(D)

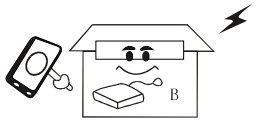
CAUTION

Be careful when open,otherwise electric shock or serious damge may be made to the product

Unplug this product from the wall outlet when not use for a long time



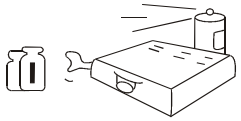
Unplug this product from the wall outlet during lightning



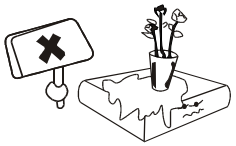
Do not put metals inside this product as they can cause electric shock or damage to produst.

Arrange power cords safely.
Do not hold the cord when pulling out from the wall outlet.
Pull out holding plug.

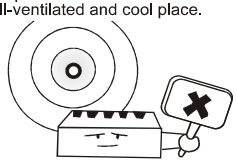
This product must not touch chemicals such as benzene.thinner or alcohol. This may result in discoloration



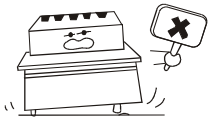
Do not use this product in wet place.



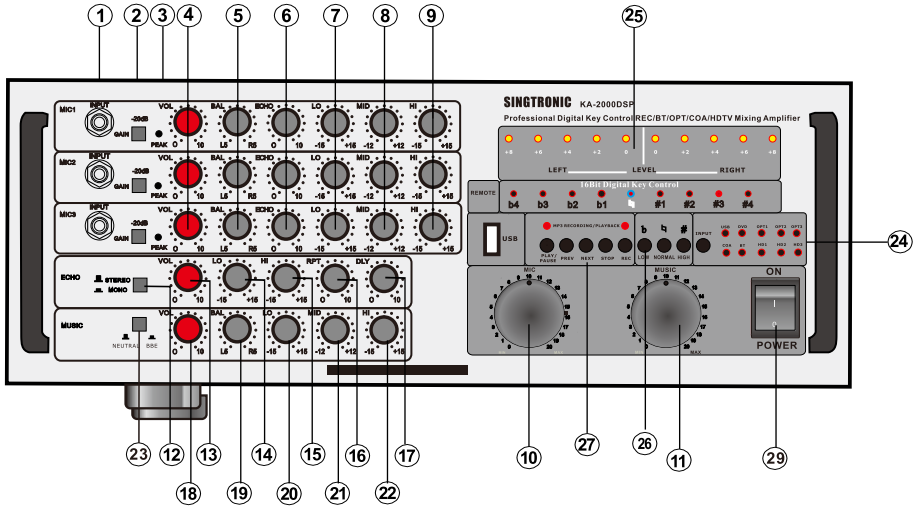
This product should be installed in well-ventilated and cool place.



This product should be installed flatly and should not be shaken.



OPERATING GUIDE



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

ECHO

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

POWER ON/OFF

29. Power switch

MUSIC

18. A .B(Bluetooth)input signal adjust
19. Balance control
20. Bass control
21. Mid-range control
22. Treble control
23. Enhance Selector
    It enhances music source signal.

CONTROLLER

24. DVD//BT/OPT(1-3)/COA/ HDMI(1-3)INPUT
25. LEVEL(L/R)
26. Key control
27. Mp3 Play&Record

Steps to Record The Mixing Signal of MIC and AUX/OPT&COA/B+T Audio into USB STICK:
1)Turn the amplifier power switch on.
2)Connect the microphone to the amplifier, and insert a USB stick.
3)Switch the **INPUT SELECTOR** button to the **USB** position.
4)Adjust music and microphone volume to an appropriate level.(reduce aux input signal volume to avoid recorded volume too low)
5)Press the **stop** button once to switch On the RECORD mode , Press the **REC** button FIRMLY once, and wait 3 seconds, when the recording led blinks, the recording starts.
5)Press the **stop** button once, the recording led stops blinking, the recording is finished.

Steps to Playback The Recorded File on USB STICK:
1)Switch the **INPUT SELECTOR** button to the **USB** position.
2)Press the **PLAY** button, it always play the first audio file on **USB** stick.
3)To play the file you just record, press the **PREV** button before press the **PLAY** button.
4)After you play the file you just record, it becomes the first file, and you can simply play it by pressing the PLAY button now.

Karaoke Amplifier Bluetooth Operating Procedures:
1.Choose the input signal select button "INPUT SELECTOR"to BT.
2.Active the Bluetooth function of your device(audio signal source) example: phones & tablets.
3.After proceeding pairing simply play your audio file on your device.
4.Make use of the audio adjustment function on your device to adjust the sound.