

KARAOKE AMPLIFIER

AK SERIES _____

AK-200

AK-300

AK-400

OWNER'S MANUAL _____

ENGLISH

AK-200 AK-300 AK-400

Printed in Hong Kong <AMP 0801-AK>

ATTENTION

THANK YOU FOR PURCHASING THIS UNIT!

TO MAKE SURE FULL AND EFFECTIVE USE OF IT, PLEASE READ THIS MANUAL CAREFULLY BEFORE OPERATION. AND PLEASE SAVE THIS MANUAL FOR FUTURE REFERENCE.

IT'S POSSIBLE THAT THE SHAPE OF THE PLUGS AND JACKS ARE DIFFERENT IN DIFFERENT COUNTRIES, BUT THE CONNECTION WAYS AND OPERATION FOR THIS UNIT ARE THE SAME.

CONTENTS

	Voltage Input	4
INTRODUCTION	Features	5
	Signal Cords	5
	Front Panel(AK-200)	6
	Front Panel(AK-300/AK-400)	7
	Back Panel	8
INSTALLATION	Before Connection	9
	System Connection	9
ADDITIONAL INSTRUCTION	Safety Regulations	10
	Specification	11

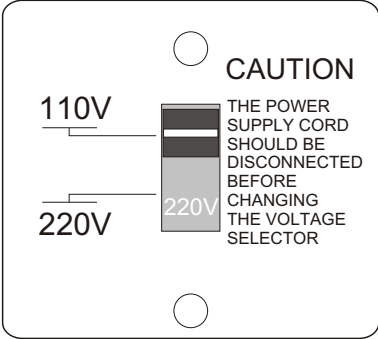
VOLTAGE INPUT

How to select right voltage input?

There's a voltage selector on the back panel of this unit and voltage intensity of this unit has been set between 220V originally.

Please check your local voltage intensity comply with this or not before operation. if not, you can select it between 110V by the voltage selector.

The power supply cord should be disconnected before adjusting the voltage input.



ACCESSORIES

There is a owner's manual in the package accompany with this unit, please check it when open the package.

- Owner's Manual 1
- Remote Control Unit 1(AK-300/AK-400)
- Cell(AA) 2(AK-300/AK-400)

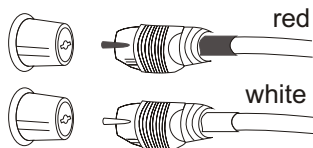
INTRODUCTOIN

Please read this manual carefully before operation. And please save this manual for future reference.

FEATURES

- Inhibiting whistle strongly.
- Multi-mode singing style.
- Special design for KTV room, high reliability.
- Able to connect two group speakers simultaneously.
- Special drive design of human voice to make voice rich and nature
- strong cooling fan makes sure long-term working.

SIGNAL CONNECTION CORDS



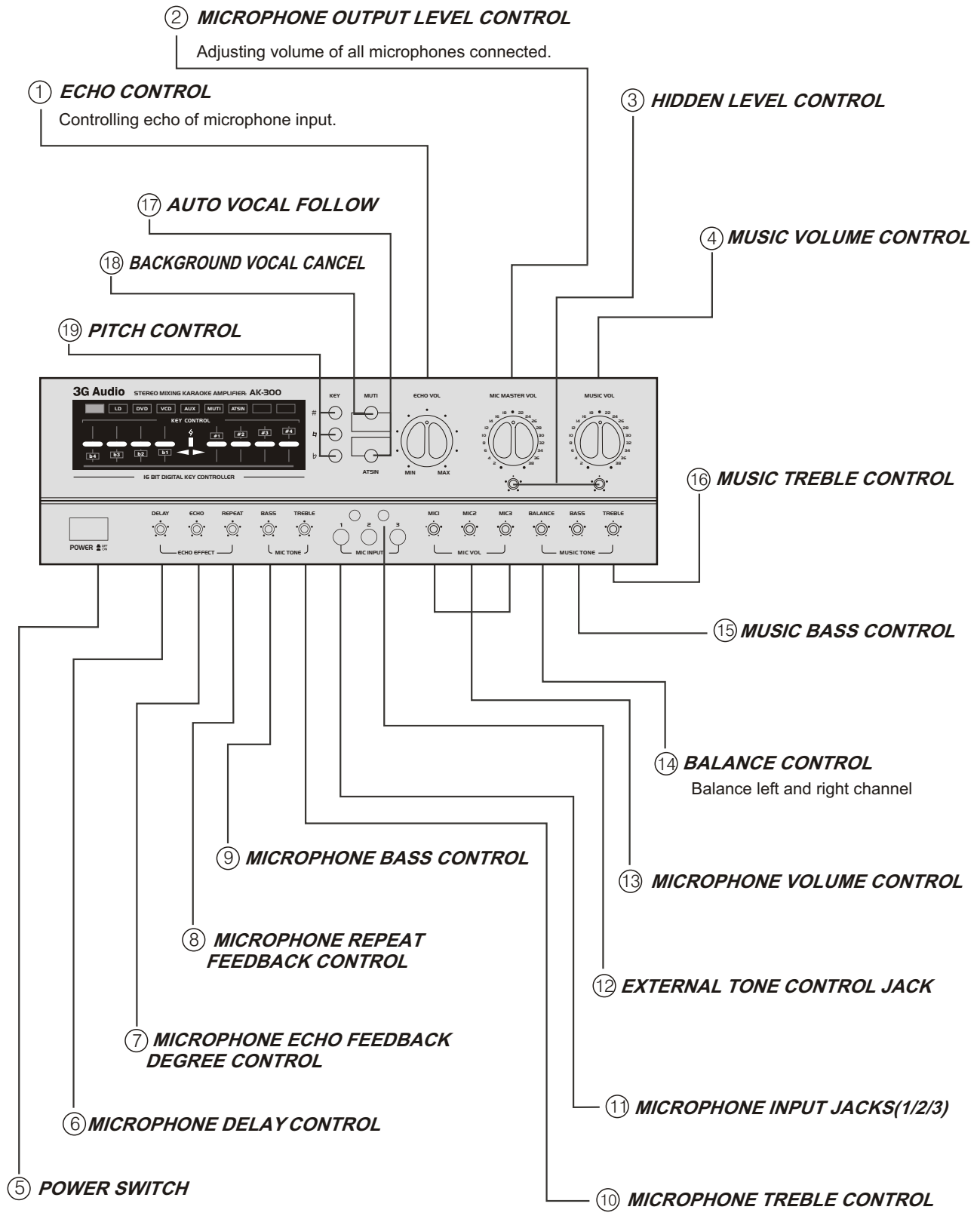
RCA plugs available

Note: RCA plug in red should insert into jack in red.

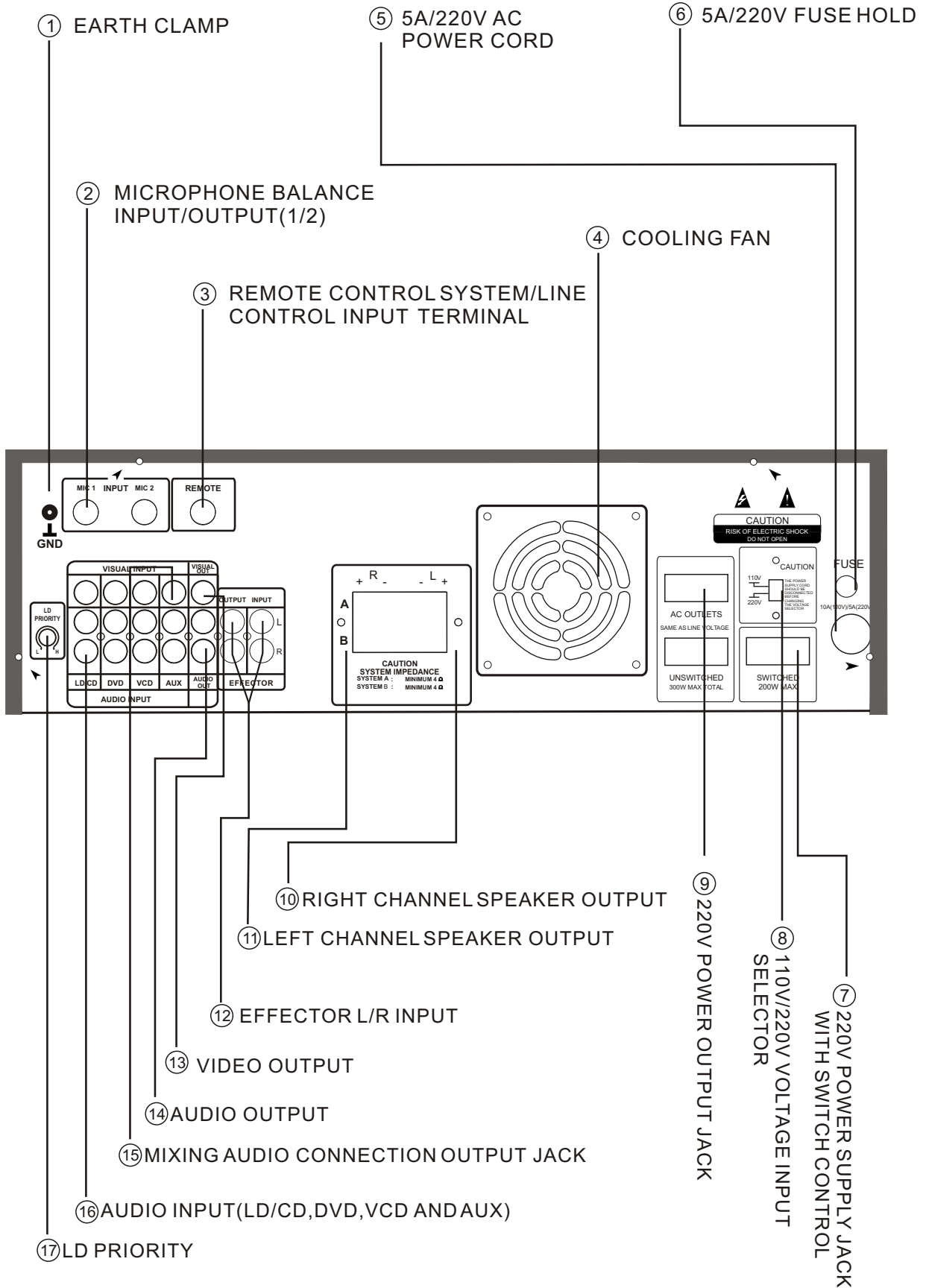
RCA plug in white should insert into jack in white.

FUNCTION INSTRUCTIONS (FRONT PANEL)

AK-300/AK-400



BACK PANEL



CONNECTIONS

BEFORE CONNECTION

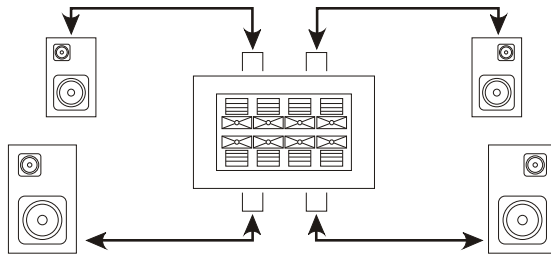
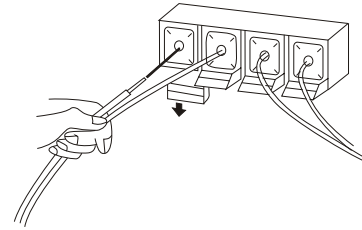
CONNECTION OF SPEAKER CORDS

1. Press down the button as illustration, insert the cords into the hole.

2. Spring of the button will fix the cords.

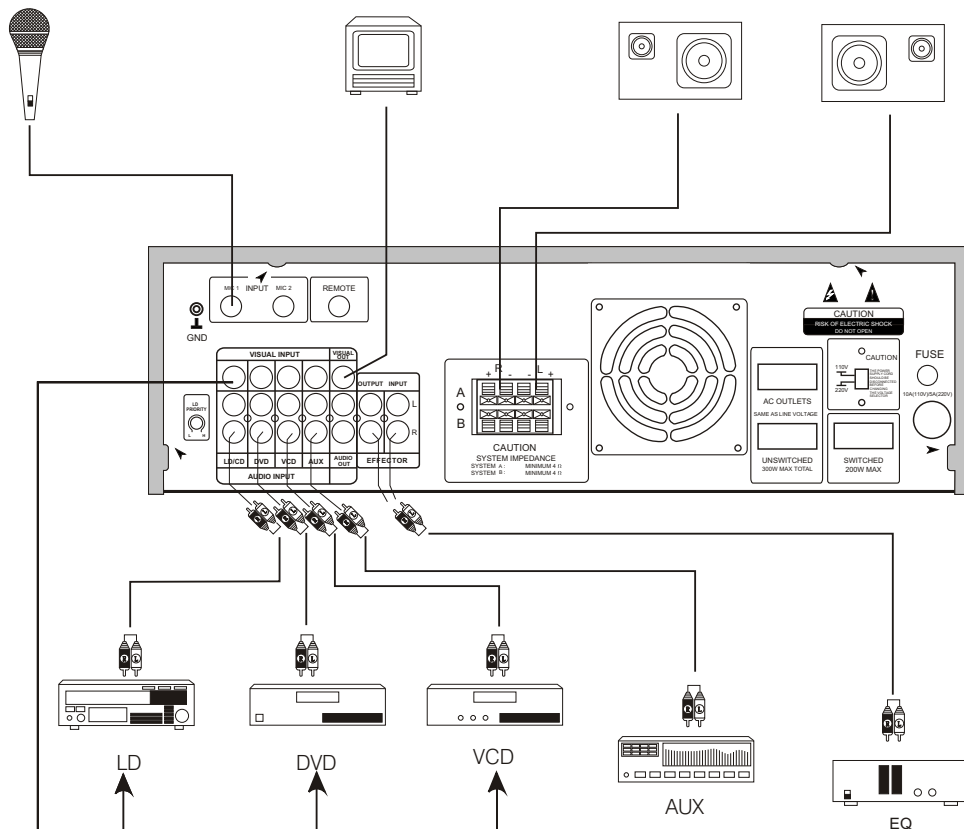
Please select the suitable speaker cords and connect it through the shortest path.

This unit could connect one or two group speakers simultaneously. If only connect one group speakers, you can select connect group A or group B. And please note that phase of the speaker cords are correct or not, if not, the sound will be felt unnatural and absence of low frequency.



Attention: ends of the cords should not touch each other.

SYSTEM CONNECTION



ADDITIONAL INSTRUCTION

SAFETY REGULATIONS

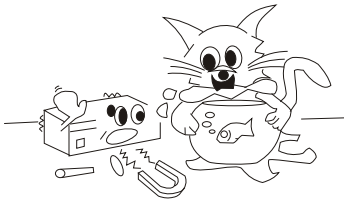
ABNORMAL PHENOMENA:

Please turn off the power and pull out the plug when you find unusual sound or smell when operation.



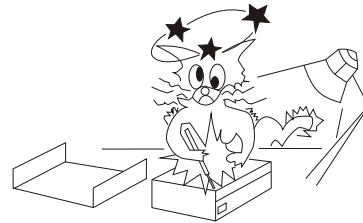
POWER CORDS PROTECTION

Don't touch power cords with wet hands to avoid electric shock.
Don't put the cords in crowded people.

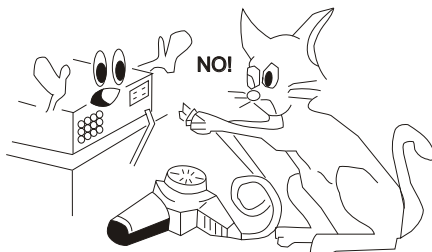
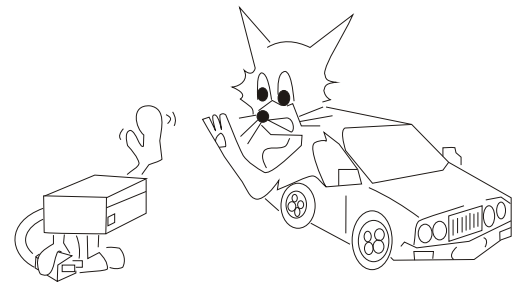


KEEP AWAY FROM WATER AND SUNDRY GOODS

DON'T OPEN THE COVER IF NOT GUIDED BY A QUALIFIED ELECTRICIAN



PULL OUT THE POWER CORDS TO AVOID FIRE WHEN YOU DON'T USE THIS UNIT.



DON'T OVERLOAD IT

SPECIFICATIONS

Cosmetic changes may be made

Power Output(RMS)

AK-200	180W+180W(8Ohm)
AK-300	125W+125W(8Ohm)
AK-400	180W+180W(8Ohm)

THD 0.3% 20Hz-20KHz

Frequency Response 20Hz-20KHz \pm 2dB

Input Sensitivity/Impedance

Microphone	12mV/2KOhm
Line	300mV/51KOhm
Video	1Vp-p/75Ohm

Pitch Control

Music	
Bass(Gain/Attenuation)	\pm 12dB
Treble(Gain/Attenuation)	\pm 12dB

Microphone

Bass(Gain/Attenuation)	\pm 12dB
Treble(Gain/Attenuation)	\pm 6dB

Output Sensitivity/Impedance

Audio	0.707V/1KOhm
Vedio	1Vp-p/75Ohm

Short Circuit Protection

Output Impedance	2-16Ohm
Recommendatory Impedance	8Ohm

Power Supply AC 110V/220V,50Hz

Standard Power Supply AC 220V/50Hz

Power Consumption

AK-200	600W
AK-300	380W
AK-400	600W

AC Power Outlets

Switched	200W
Unswitched	300W

Static Power Consumption

AK-200	30W
AK-300	20W
AK-400	30W

Net Weight

AK-200	10.5 KG
Gross Weight	12 KG
AK-300	10.5 KG
Gross Weight	11.5KG
AK-400	12 KG
Gross Weight	13.5KG

Dimensions 495x426x190(MM)

3G Audio