

# MARTIN RANGER

## Pure-Sound 33 MKII

PROFESSIONAL DIGITAL ECHO STEREO MIXING AMPLIFIER

# User Explanation Book

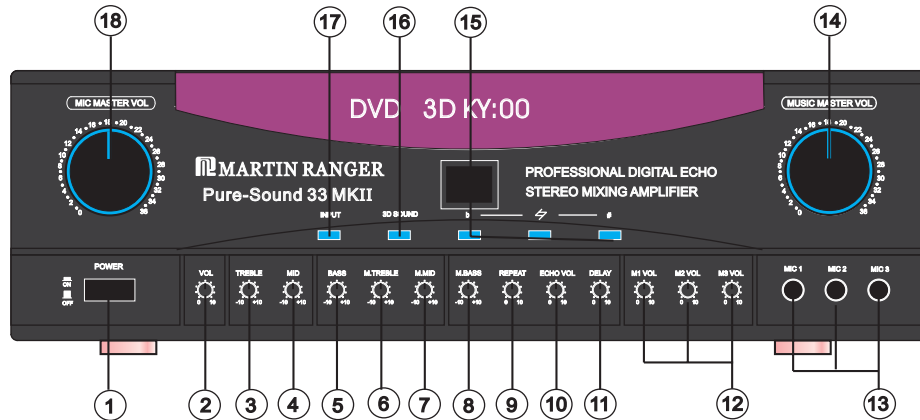


## NOTICE PROCEEDING

### CAUTION:

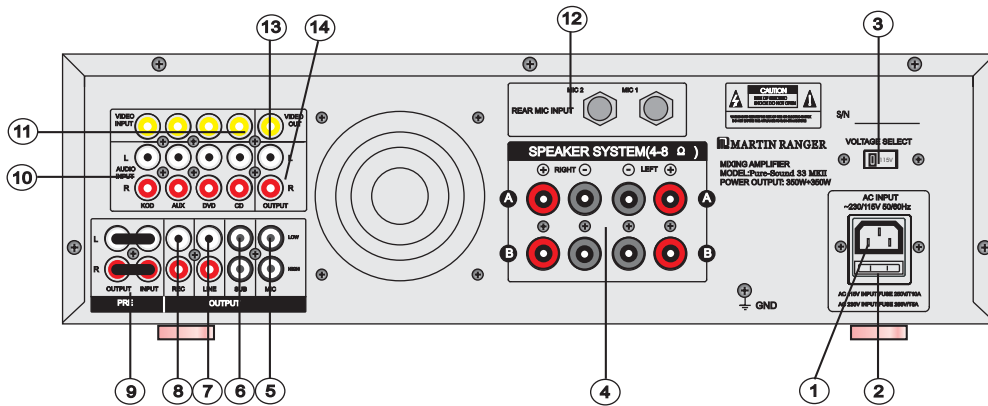
1. Power supply: Use power supply strictly according to the manual, or contact with our agent or local electrical company
2. Wires: Keep wires from being trampled or suppressed by heavy goods, take care to the jacks and do not pull or drag the wires
3. Ventilation: The slots in the shell are used for ventilation, and need to be well protected from jam, do not put the player on bed, sofa, rug etc
4. Water and humidity: The player cannot work near such humidified places as bathtub, sink pool.
5. Temperature: The working temperature is above 41F.
6. Hot: the player cannot work near hot environment.
7. Electroshock: Keep any metal or liquid goods from inside the player to avoid electroshock
8. Shell disassembly: Do not disassemble the shell to avoid electroshock.
9. Cleaning: Disconnecting the player with electricity before cleaning, use dry rags to clean the player, do not use volatile liquid such as alcohol, gasoline etc.
10. Thunder: Disconnect the player with electricity when it has long been unused or during thunderstorm to avoid thunder harm.
11. Maintenance: Under the following conditions the player has to be processed by experienced master:
  - Jacks or wires are
  - Metal or liquid goods fall inside the player
  - The player is drenched
  - The player does not work properly
  - The performance of the player vary remarkably
12. Smell: When abnormal smell occur, switch off the power and disconnect the player with electricity.
13. Overload: Keep the power from overload
14. Do not switch power on when connecting
15. Circuit short: Take care the "+/-" polarity to avoid circuit short when connecting to speaker, when hearing sound like "da da", that means the relay is functioning, then turn power off and check if any short exists.

## EACH PART IF PANEL OPERATION ILLUMINATION



- 1:Power Knob
- 2:VOL-Music Volume knob
- 3:Music Treble Control Knob
- 4:Music Mediant Control Knob
- 5:Music Bass Control Knob
- 6:Mic Treble Control Knob
- 7:Mic Mediant Control Knob
- 8:Mic Bass Control Knob
- 9:RPT-Rcpeating Knob:Revolve This Knob to Adjust Repeating Times
- 10:Echo Vol-Volume Knob:Revolve This Knob to Adjust Echo
- 11:Delay Echo Knob:Revolve This Knob to Delay Echo
- 12:MIC1 VOL And MIC2/MIC3 VOL Controlling Knob
- 13:MIC1 INPUT And MIC2/MIC3 INPUT Jack
- 14:Music Master Volume
- 15:Digital Key Low Normal High Selector
- 16:3D Sound Mode Selector Key
- 17:DVD CD AUX KOD Manual Selector Input
- 18:Mic Master Volume

## EACH PART OF REARBOARD FUNCTION EXPLANATIC



1:AC 115V/230V Input

2:FUSE-Plase confirm the fuse rated capacity when change it

3:AC 115V And 230V Input Select

4:SPEAKER SYSTEM-Pegarding the watching and hearing site as benchmark, left sound box connects to left port, right sound box connects to right port The ted portis + , the black portis - When connecting with mistakes, you cant get the best impact

5:MIC OUT-Able to output Microphone Signal to Jukebox Directly Through This

Port Scoring ports-H and L Lsjls stricter than Hsj When scoring

6:Subwoofer OUT-Meet outside Subwoofer Amplifier

7:LINE OUT-Meet outside playback and public-address system

8:RECORDER OUT-Meet outside Recorder

9:PRE-Able to Connect to Reverberation Machine, equalizer and other assistal sound sources Interceder

10:AUDIO INPUT-Able to Connect to DVD CD KOD AUX and so on

11:VIDEO INPUT-Able to connect to DVD CD KOD AUX Output Jack

12:Rear Mic Input

13:VIDEO OUT-Able to Connect to Television Video Inptu Jack

14:AUDIO OUT-Able to Connect to Television Audio Inptu Jack

## Remote Commander

1:Digital Key Normal /High /Low Remote Knob

2:MIC VOL+/- Master Volume up Remote Control

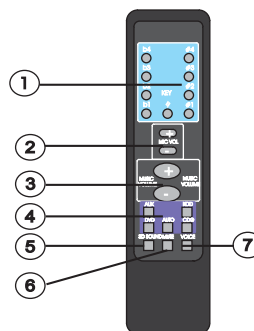
3:VOL+/- Music Volume up Remote Control

4:Input Selector Remote Control

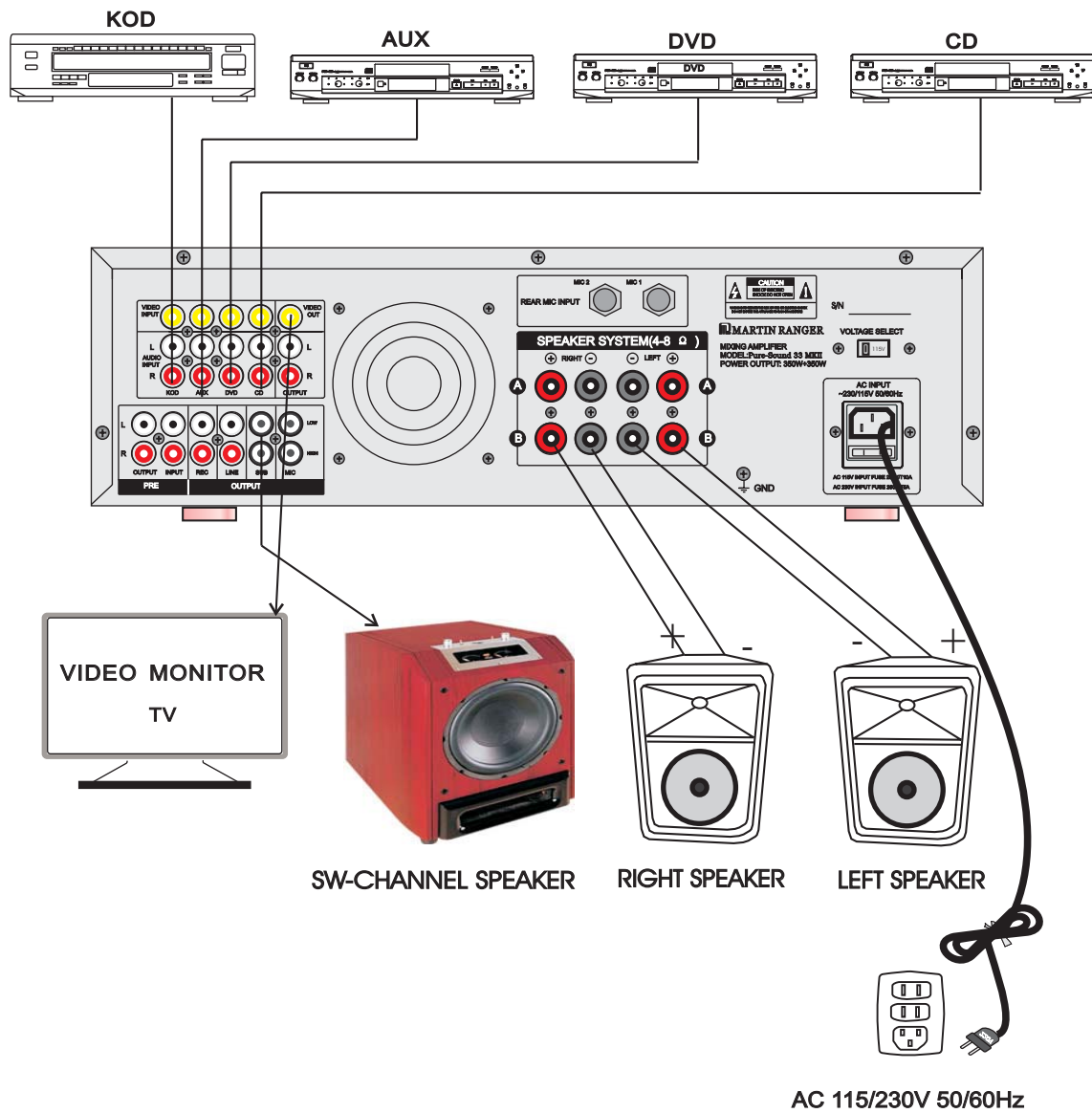
5:3D Sound Mode Selector Remote Control

6:Mute Selector Remote Control

7:Multiplex Selector Remote Control



# SYSTEM CONNECTING WA



Noice:When connecting the sound box,do pay much attention to the speaker's polarity(positive/minus), otherwise it will affect impact

## MAIN SPECIFICATION

<b>Total power :</b>	<b>350W+350W</b>
<b>Total harmonic distortion:</b>	<b>0.5%</b>
<b>Input impedance:</b>	<b>47K</b>
<b>Input sensibility:</b>	<b>250mv</b>
<b>Max input signal:</b>	<b>2.5Vp-p</b>
<b>Signal-to-noise:</b>	<b>80dB</b>
<b>Music Treble adjustment:</b>	<b>10dB</b>
<b>Music Bass adjustment:</b>	<b>10dB</b>
<b>Mic Treble adjustment:</b>	<b>10dB</b>
<b>Mic Bass adjustment:</b>	<b>10dB</b>
<b>Frequency response:</b>	<b>20Hz-20KHz( 3dB)</b>
<b>Microphone input sensitivity:</b>	<b>20mV</b>
<b>Echo delay:</b>	<b>200ms</b>