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*USER MANUAL*

[www.guardianaudio.com](http://www.guardianaudio.com)

# **Guardian Audio**

# **VIZA**

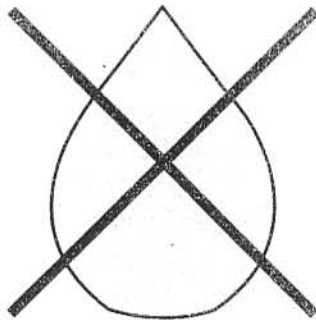
### MAGNETIC FIELD

*CAUTION! Do not locate sensitive high-gain equipment such as preamplifiers or tape decks directly above or below the unit. Because this unit has a high power, it has a strong magnetic field which can induce hum into unshielded devices that are located nearby. The field is strongest just above and below the unit. Locate the amplifier(s) in the bottom of the rack and the preamplifier or other sensitive equipment at the top.*

### CAUTION

**RISK OF ELECTRIC SHOCK DO NOT OPEN**

*To prevent electric shock do not remove top or bottom covers. No user serviceable parts inside. Refer servicing to qualified servicing personnel. Disconnect power cord before removing back panel cover to access gain switch.*



### WARNING

**To reduce the risk of electric shock, do not expose this equipment to rain or moisture!**

### WATCH FOR THESE SYMBOLS:



*The exclamation point triangle is used to alert the user to important operating or maintenance instructions.*



*The lightning bolt triangle is used to alert the user to the risk of electric shock.*

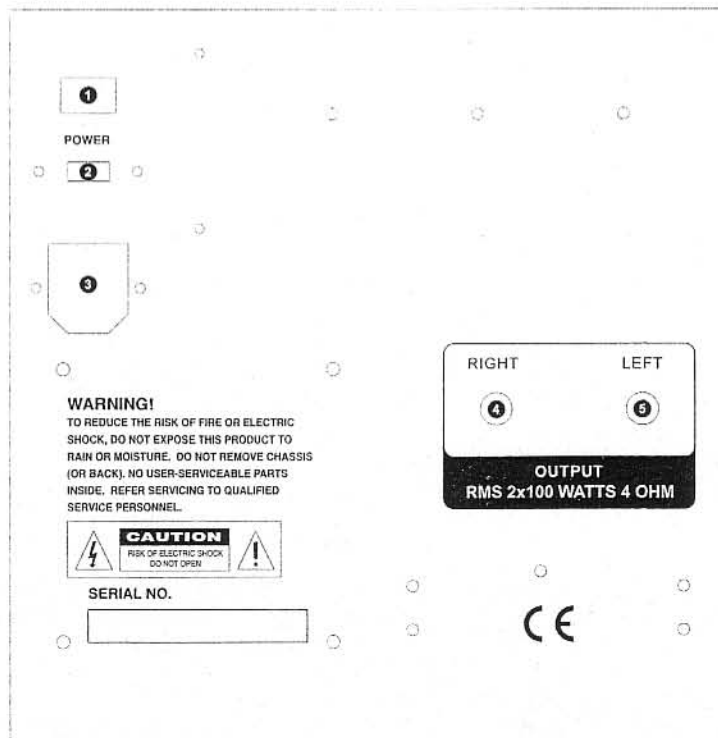
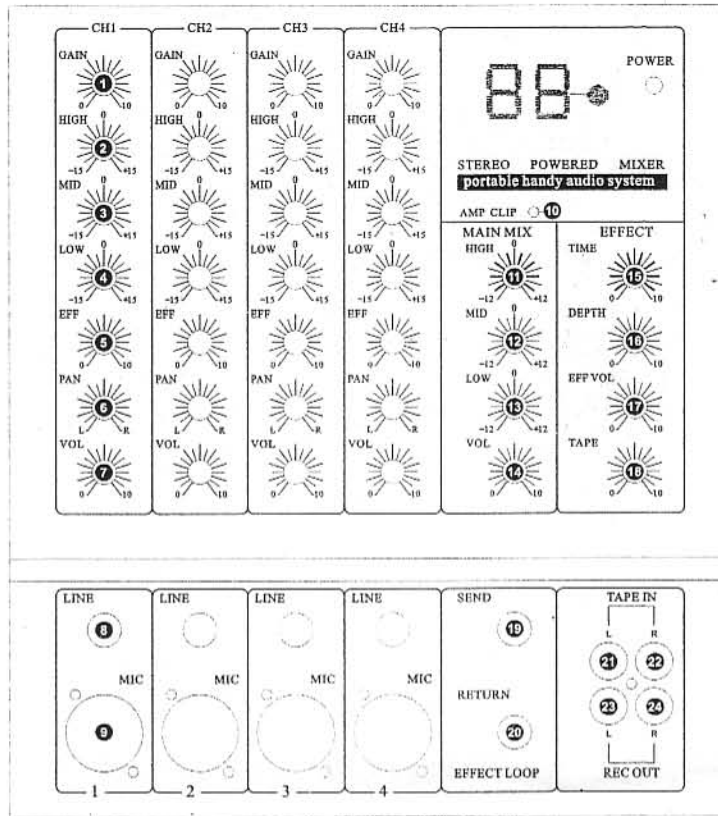
## Features

### *Amplifier:*

- Superior audio performance with low noise and powerful, full-spectrum transparent audio and natural sounding selectable echo effects
- 4 mono balanced XLR mic and balanced " line inputs, trim controls and 3-band EQ's Effects and PAN controls
- Stereo power amplifier delivers 100W/side @ 4 ohms. Fan cooled, bipolar amplifier design for longest life and maximum reliability.
- Effect send and return for you to output of the remote effect device to be connected to the mixer.
- Tape In and Record Out RCA jacks with tape level control
- Effect with delay time, echo depth and level controls
- Internal AC supply with 115/230V select switch
- The cabinet with internal stand hole

### *Speaker:*

- 2-way configuration with passive filter
- Frequency response: 80Hz - 20KHz.
- Rated power: 60W
- Nominal Impedance: 8 ohms
- Each speaker with 1 speakon and 2 1/4" jacks connectors
- Cabinet with handle and 2 wheels
- Each cabinet with internal stand hole



## Front panel

1. **Gain:** The gain control adjusts the input sensitivity of the Mic and line inputs on the input channels.
2. **High:** allow you to controls the Hi-range of signals 10KHz ( $\pm 15$ dB)
3. **Mid:** allow you to controls the Mid-range of signals 2.5KHz ( $\pm 15$ dB)
4. **Low:** allow you to controls the Bass-range of signals 100Hz ( $\pm 15$ d B)
5. **EFF:** use this controls when you want to get effect sound by adjustment of input signal
6. **Pan:** The Channel Pan positions the output of the channel in the stereo field of the main mix. It's constant-power design ensures there are no level discrepancies whether a signal is hard-panned, center-stage, or somewhere in between.
7. **Level:** allow you to adjusts channel signal level to be sent to the master
8. **Line:** balanced and unbalanced 1/4 (6.35mm).diameter stereo jack input socket for connection of high level sound sources.
9. **Mic:** neutrik electronically balanced XLR connector input socket. For connecting low level signal sources. Such as microphones or other low impedance devices.
10. **MP peak LED:** The peak LED illuminates when a amplifier output signal is going into overload. It detects the peak level on the AMP output and will light at approximately 1dB before clipping to warn that the signal is approaching overload. You do not want the peak LED to light expect very intermittently during a take or a mix. If it does light persistently, reduce input gain to protect your speakers.
11. **High:** allow you to controls the Hi-range of the master output signals 10KHz ( $\pm 12$ dB)
12. **Mid:** allow you to controls the Mid-range of the master output signals 2.5KHz ( $\pm 12$ dB)
13. **Low:** allow you to controls the Bass-range of the master output signals 100Hz ( $\pm 12$ d B)
14. **Volume:** It allow you to adjust the master output level.
15. **Time:** It allow you to adjust the delay time of the effect.
16. **Depth:** This pose allow you to control the echo repeat depth of the effect.
17. **EEF Volume:** this pose allow you to control the effect level to the master output.
18. **Tape:** this pose allow you to adjust the level of the tape input to master bus.
19. **Send:** 1/4 jack connector, output level control by EFF(5)
20. **Rerturn:** 1/4 jack connector, allowing the output of the remote effect device to be connected to the mixer.
- 21/22. **Tape in:** RCA connector, allow you to input high level signal such as TAPE, CD.
- 23/24. **REC output:** RCA connector can be used to connect the mixer to the record input of your recorder enabling you to record your mix.
- 25 **Digital display:** Digital effects controller and effect display 1 to 16 series

## REAR PANEL:

1. **Power switch:** please make sure that all the volume pose set on the mix position when you want to turn on this unit, the power LED will be light when you turn on the power switch
2. **Voltage selector:** before plugging in the power cord, make sure that the voltage selector Switch is set to the connect voltage
3. **Power connector with fuse molder**  
This standard IEC power cord receptacle is used to connect the AC power to your unit

4.Right speaker output

One 1/4 (6.35mm) jacks for you to connecting a speaker cabinet, the min impedance Is 4 ohms.

5.Left speaker output

One 1/4 (6.35mm) jacks for you to connecting a speaker cabinet, the min impedance Is 4 ohms.

**SPECIFICATIONS**

1. POWER OUTPUTS(R.M.S)

100 Watts + 100 Watts @ 4 Ω per side

0.1% (T.H.D) @ 1KHz

2. TOTAL HARMONIC DISTORTION

Main Amp ≤ 0.05% @ 1KHz

Mic CH ~ Main Amp ≤ 0.01% @ 1KHz

3. FREQUENCY RESPONSE

±3dB, 20Hz ~ 20KHz @ 1W/8 Ω (Speaker Output)

4. INPUT LEVEL SENCITIVITY

MIC CH .....-60dBv

LINE CH.....-30dBv

TAPE IN.....-10dBv

EFF SEND.....+4dBv

EFF RETURN .....0dBv

5. NOISE

S/N.....86dB

6. Channel EQUALIZATION

HIGH (Shelving) .....10KHz/ ±15dB

MID (Bell) .....2.5KHz/ ±15dB

LOW (Shelving).....100Hz/ ±15dB

Master EQUALIZATION

HIGH (Shelving) .....10KHz/ ±12dB

MID (Bell) .....2.5KHz/ ±12dB

LOW (Shelving).....100Hz/ ±12dB

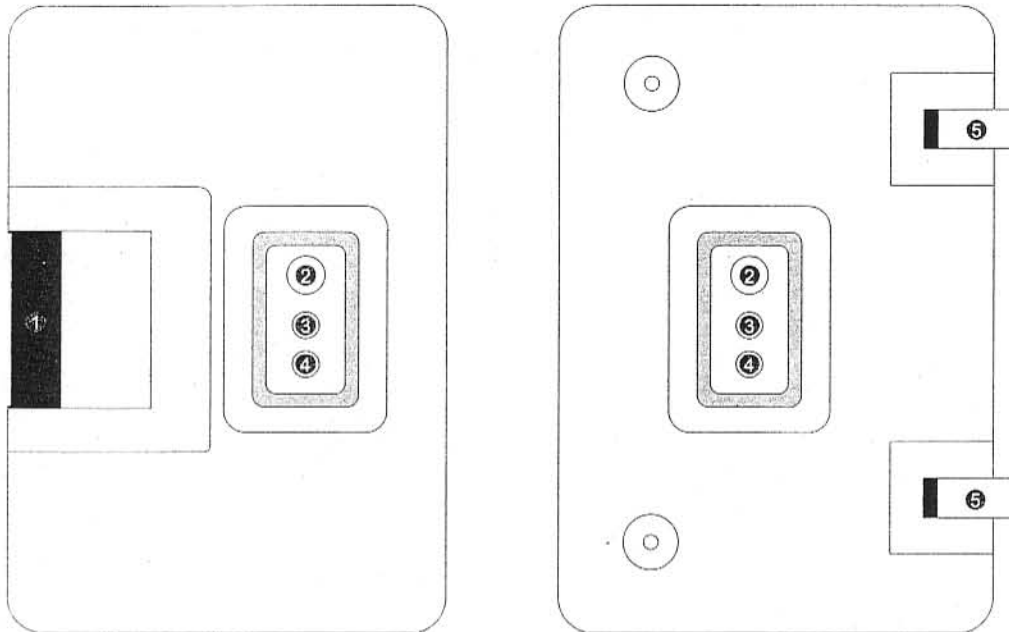
**speaker:**

- 1 Handle: It allow you to easy take away.
- 2 Speakon: allow you to input amplifier signal
- 3/4 " jack connectors: allow you to input amplifier signal
- 5 Wheel: It allow you to easy take away.

**Supplied**

- 1、 POWER SUPPLY CORD
- 2、 OPERATING INSTRUCTIONS

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