

PORTABLE AUDIO SYSTEM

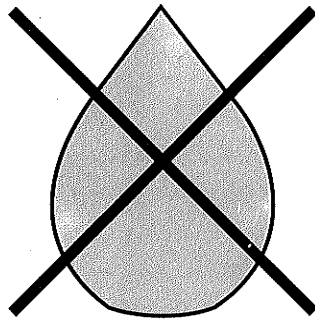
USER MANUAL

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 inputs and 4 mono balanced TRS Line inputs, each with Gain controls, 3-band EQ, EFF and Pan controls.
- Stereo power amplifier with fan cooled design for longer life and better reliability.
- Effect Send and Return feature allows for remote effect devices to be connected to the mixer.
- Tape In and Record out.
- Effect with Delay, Depth and Level controls.
- Internal AC power supply with selectable voltage switch.
- Cabinet with Internal stand hole.
- * Load and play MP3's from a USB stick and SD/MMC card.

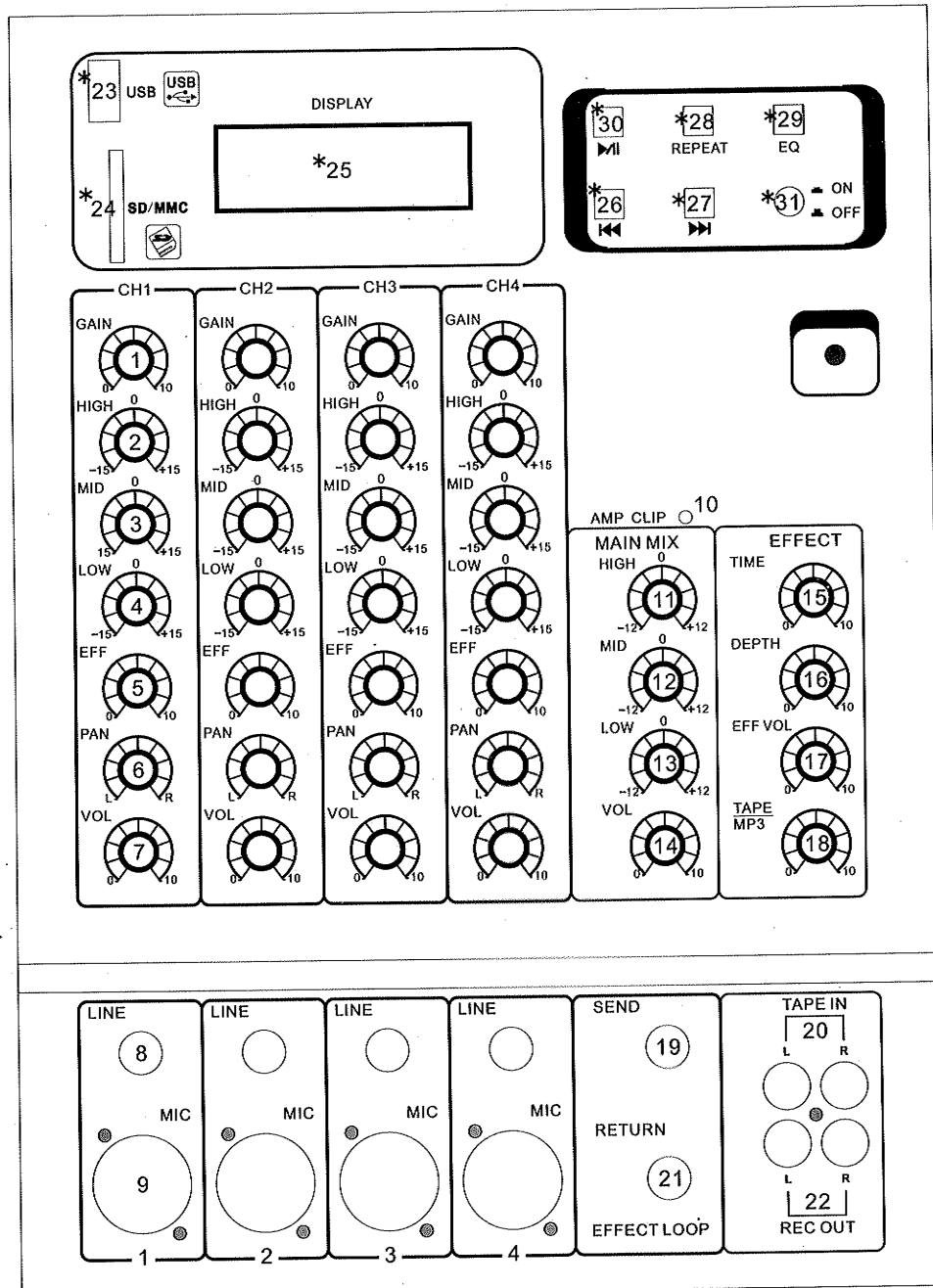
Speakers:

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

* NOTE:

Features available for units with MP3 only.

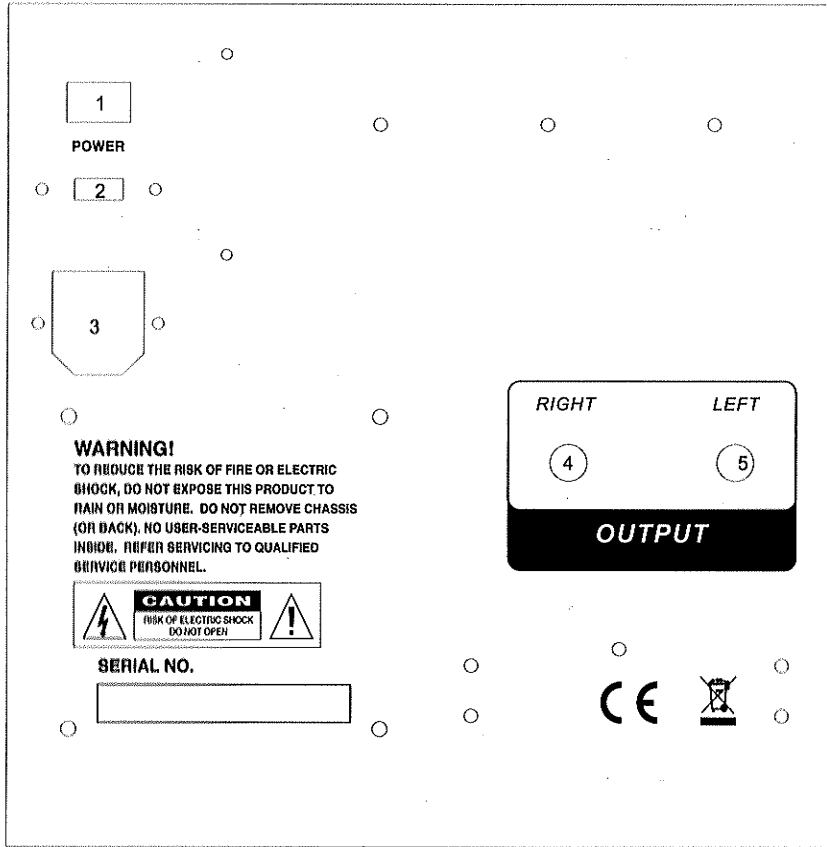
Front Panel:



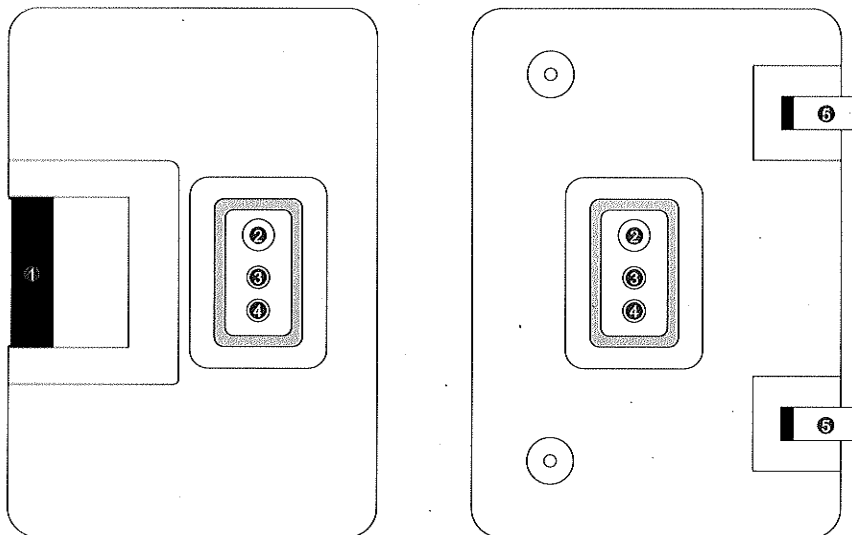
* NOTE:

The picture shown may not be exactly the same as your unit.
Some features are only available on certain models.

Rear Panel:



Speakers:



Front Panel:

1. **Gain:** The Gain control adjusts the input sensitivity of Mic and Line inputs on each channel.
2. **High:** Controls the Hi-range of signals.
3. **Mid:** Controls the Mid-range of signals.
4. **Low:** Controls the Bass-range of signals.
5. **EFF:** Controls the effect sound by adjustment of input signal.
6. **Pan:** Controls the output of the left/right channel balance in the stereo mode of the main mix.
7. **Level:** Adjusts channel signal level.
8. **Line:** balanced and unbalanced 1/4" diameter stereo jack input socket for connection of high level sound sources.
9. **Mic:** Neutrik electronically balanced XLR connector input socket. For connection of low level signal sources, such as microphones or other low impedance devices.
10. **MP peak LED:** The MP peak LED illuminates when amplifier output signal is approaching overload. It detects the peak level on the AMP output and will illuminate at approximately 1 dB before clipping to warn that the signal is approaching overload. If it does light persistently, reduce input gain to protect your speakers.
11. **High:** Controls the Hi-range of the Master output signals.
12. **Mid:** Controls the Mid-range of the Master output signals.
13. **Low:** Controls the Bass-range of the Master output signals.
14. **Volume:** Adjusts the Master output level.
15. **Time:** Adjusts the delay time of the Effect.
16. **Depth:** Controls the Echo repeat depth of the Effect.
17. **EFF Volume:** Controls the Effect level to the Master output.
18. **Tape/MP3:** Adjusts the level of the Tape in or MP3.
19. **Send:** 1/4" jack connector, allowing for signal output to remote effect devices.
20. **Tape in:** RCA connector, allowing for input of high level signals from devices such as TAPE, CD.
21. **Return:** 1/4" jack connector, allowing for input of remote effect devices to be connected to the mixer.
22. **REC output:** RCA connector, used to connect the mixer to be recorded.
23. * **USB:** Allows connection from a USB stick.
24. * **SD/MMC:** Allows connection from a SD card or MMC card.
25. * **Display:** LCD display of MP3's information.
26. * **|<<:** Use this button to re-start the track or to select the previous track.
27. * **>>|:** Use this button to select the next track..
28. * **REPEAT:** Use this button to repeat one track or all the tracks.
29. * **EQ:** Allows you to select an EQ mode from NORM, POP, CLASSIC or ROCK.
30. * **Play/Pause:** Each time you press this button, the operation changes from Play to Pause or from Pause to Play.
31. * **MP3/TAPE:** Allows you to select MP3 or Tape.

Rear Panel:

1. **Power switch:** Please make sure that all the volume knobs are at Min position when you turn on this unit, the Power LED will be illuminated when you turn on the power switch.
2. **Voltage selector:** Before plugging in the power cord, make sure that the voltage Selector is set to the correct voltage.
3. **Power connector with fuse:** Standard IEC power cord receptacle to connect the AC power to your unit.
4. **Right speaker output:** 1/4"jack for connection of a speaker cabinet (minimum impedance is 4 ohms).
5. **Left speaker output:** 1/4"jack for connection of a speaker cabinet (minimum impedance is 4 ohms).

Speakers:

1. Handle
2. Speakon connector
- 3/4. 1/4" jack connectors
5. Wheel

Specifications:

1. **Power outputs (R.M.S)**
75W+75W @ 8 ohms 0.1% (T.H.D.) @ 1KHz
2. **Total Harmonic Distortion**
Main Amp = 0.05% @ 1KHz
Mic Channel ~ Main Amplifier = 0.01 @ 1KHz
3. **Frequency Response**
±3dB, 20Hz ~ 20KHz @ 1W / 8 ohms (Speaker output)
4. **Input Level Sensitivity**
Mic Channel.....-60dBV
Line Channel.....-30dBV
TAPE IN.....-10dBV
EFF Send.....+4dBV
EFF Return.....0dBV
5. **Noise**
S/N Ratio.....Better than 86dB
6. **Channel EQ**
High10KHz/±15dB
Mid2.5KHz/±15dB
Low100Hz/±15dB
7. **Master EQ**
High.....10KHz/±12dB
Mid.....2.5KHz/±12dB
Low.....100Hz/±12dB