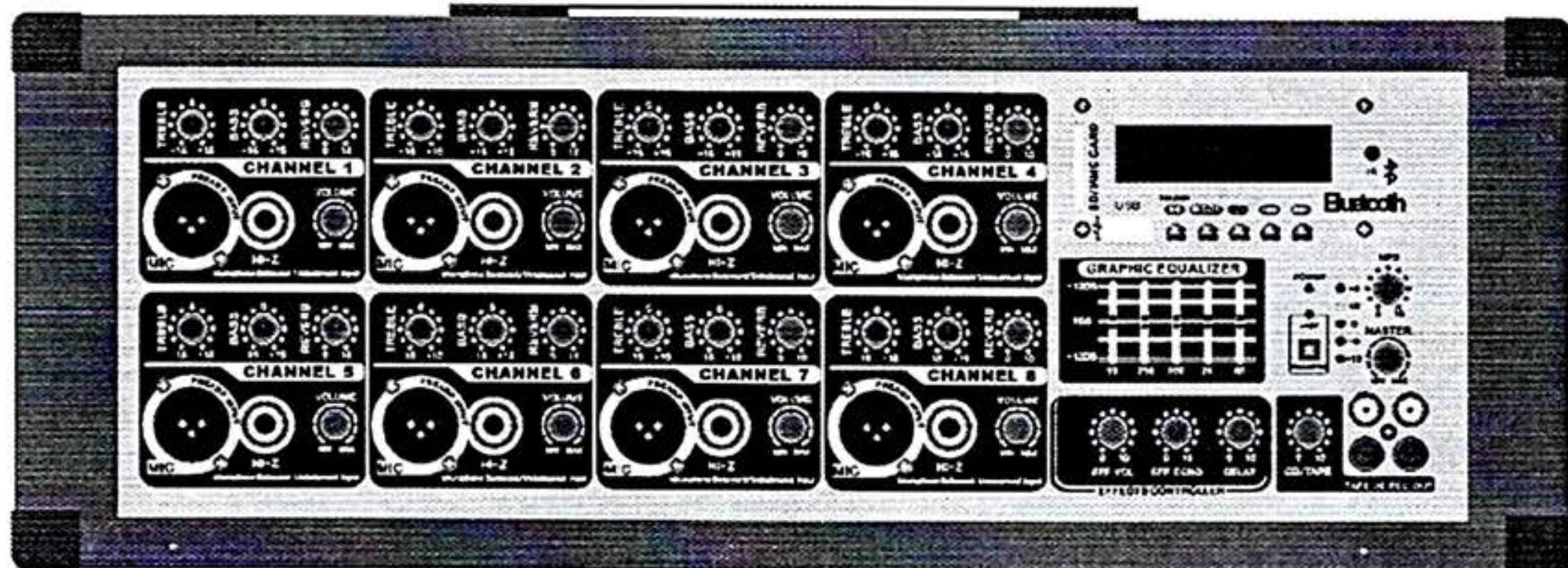


Owner's Manual



HY204M BT 4 CHANNELS

HY206M BT 6 CHANNELS

HY208M BT 8 CHANNELS

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FEATURES

Rugged and easy to operate, HY204M BT/HY206M BT/HY208M BT offers great features and performance at an extremely affordable price and is ideal for many small venue applications.

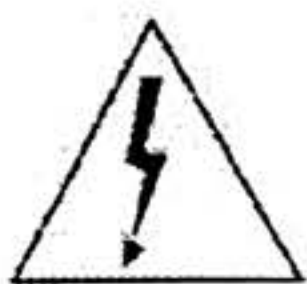
- 4/6 /8 mono Mic inputs with XLR jacks
- 4/6/8 1/4" line inputs(CD, Tuner, Tape Deck Etc)
- Individual control for each channel
- Line out for external amplifier or recording device
- Output/Input signals Send/Return for a sound processor or digital processors
- USB Port input with blue LCD display
- Shielded internal power supply with 127v 60hz/220v 50hz select switch

SAFETY INSTRUCTIONS

CAUTION: To reduce the risk of electrical shock, do not remove the cover (or back). No user serviceable parts Inside; refer servicing to qualified personnel.



WARNING: To reduce the risk of fire or electrical shock, do not expose this appliance to rain or moisture.

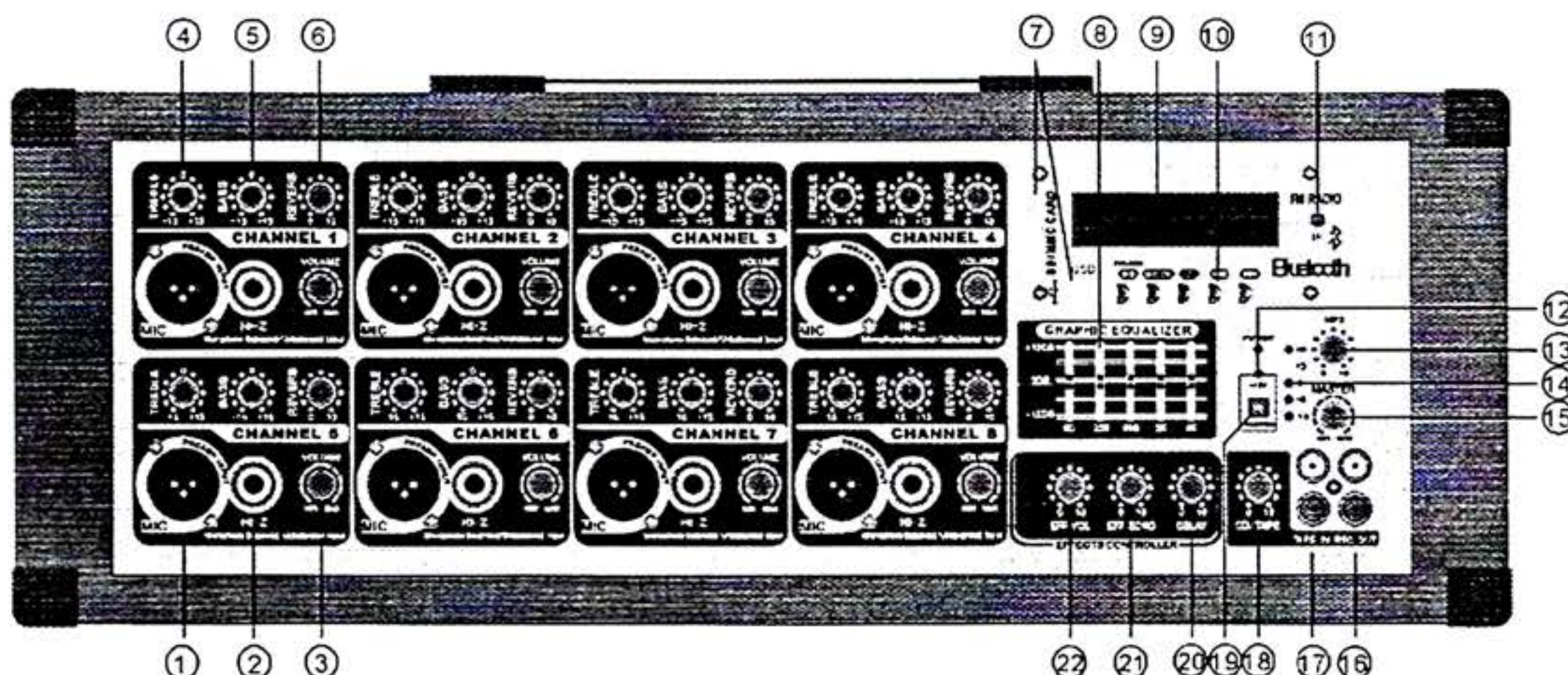


This symbol, wherever it appears, alerts you to the presence of uninsulated dangerous voltage. Inside the enclosure-voltage that may be sufficient to constitute a risk of shock.



This symbol, wherever it appears, alerts you to important operating and maintenance instructions in the accompanying literature. Read the manual.

A. FRONT PANEL SECTION FEATURES



1. BALANCED Mic INPUT

Electronic Balanced inputs acceptable a standard XLR male connector. It is designed to accept a balanced low impedance input signal, Phantom power (15 volts) for condenser microphones is always on and available. It has an input impedance of 1K ohm. The connector is wired as: Pin= shield; Pin3= negative (cold).

2. BALANCE INPUT(LINE)

Electronic Balanced inputs acceptable a standard 1/4 " jacks connector. It is designed to accept a balanced high impedance input signal

3. VOLUME

This is function to adjust the volume of a signal connection into each channel and adjust the volume of output, together with the master fader.

4. TREBLE

This control gives you up to 15 db of boost or cut at 10 kHz and above, and it is also flat at the detent. Use it to add sizzle to cymbals, and an overall sense of transparency or edge to key-boards, vocals, guitar, and bacon frying. Turn it down a little to reduce sibilance, or to hide tape hiss.

5. LOW

This control gives you up to 15 dB boost or cut at 100Hz and below. This circuit is flat (no boost or cut) at the center detent position. This frequency represents the punch in bass drums, bass guitar, fat synch patches, and some really serious male singers.

6. EFF

This is a send control to the reverb bus. It controls the amount of reverberation added to the input signals.

7. USB PORT AND SD CARD

Connect USB or SD card disk with MP3 file.

8. GRAPHIC EQUALIZER

5-band equalizer is provided for sound control over each frequency, and for precise high quality sound by final tone control (60,250,1K,2K,8KHz shelving at +/-12dB).

9. LCD DISPLAY(There are three states show)

- a. Machine became the first LCD display screen information trademarks of the products, USB version, and initial system.
- b. The second message is to remind the screen insert USB, or disk is not MP3 format.
- c. The third message is the total number of songs in the USB disk, songs of the total play time ,play time at present, play/pause/ stop sign, symbol cycle, File Format(M refers to the MP3 file format, W refers to the WMA file format), as well as the EQ.

10. TOUCH BUTTON

Five multi function keys, you can control the operation of the module.

Mode button control module mode, switch MP3 mode, Bluetooth mode and mode.

Under MP3 mode, using USB or SD card file playback, the other four buttons respectively control play / pause, loop playback mode, a song, long press the button can reduce the volume), the next song, long press the button can increase the volume). In the Bluetooth mode, the use of mobile phone and other smart devices, the device is found through the search equipment, to complete various functions in mobile phone and other smart devices operation.

In radio mode, through the folder button search local FM radio resource module automatically save currently available stations, after the completion of the search will stop in the first FM station. After the key switch station before and after.

11.INFRARED RECEIVING HEAD

Can use the remote control, control module of the various operations.

12. POWER AND PHANTOM LED

Power lights is when the power switch turns on.

The phantom led is +15V will be turned on when start working.

13. MP3

Use this control, you can adjust MP3 signal level sent to main channel.

14. OUTPUT LEVEL INDICATOR

This is a level meter which shows output levels.

15. MASTER VOLUME

Use this control, you can adjust signal level of main channel.

16-17.TAPE IN AND REC OUT

The TAPE IN allows cassette recorders or CD players to be added to the Main output. The RECORD OUTPUT, with TAPE RCA jacks, provides signal output to a cassette deck or Home audio equipment. The impedance is 1K ohms @ -10dBv.

18. TAPE

This controls the level of the playback inputs(RCA) jack.

19. PHANTOM POWER SWITCH

When you press the switch the XLR input will have 15V

20. EFFECTS DELAY

Use this control, you can adjust the delay time interval of echo repeat.

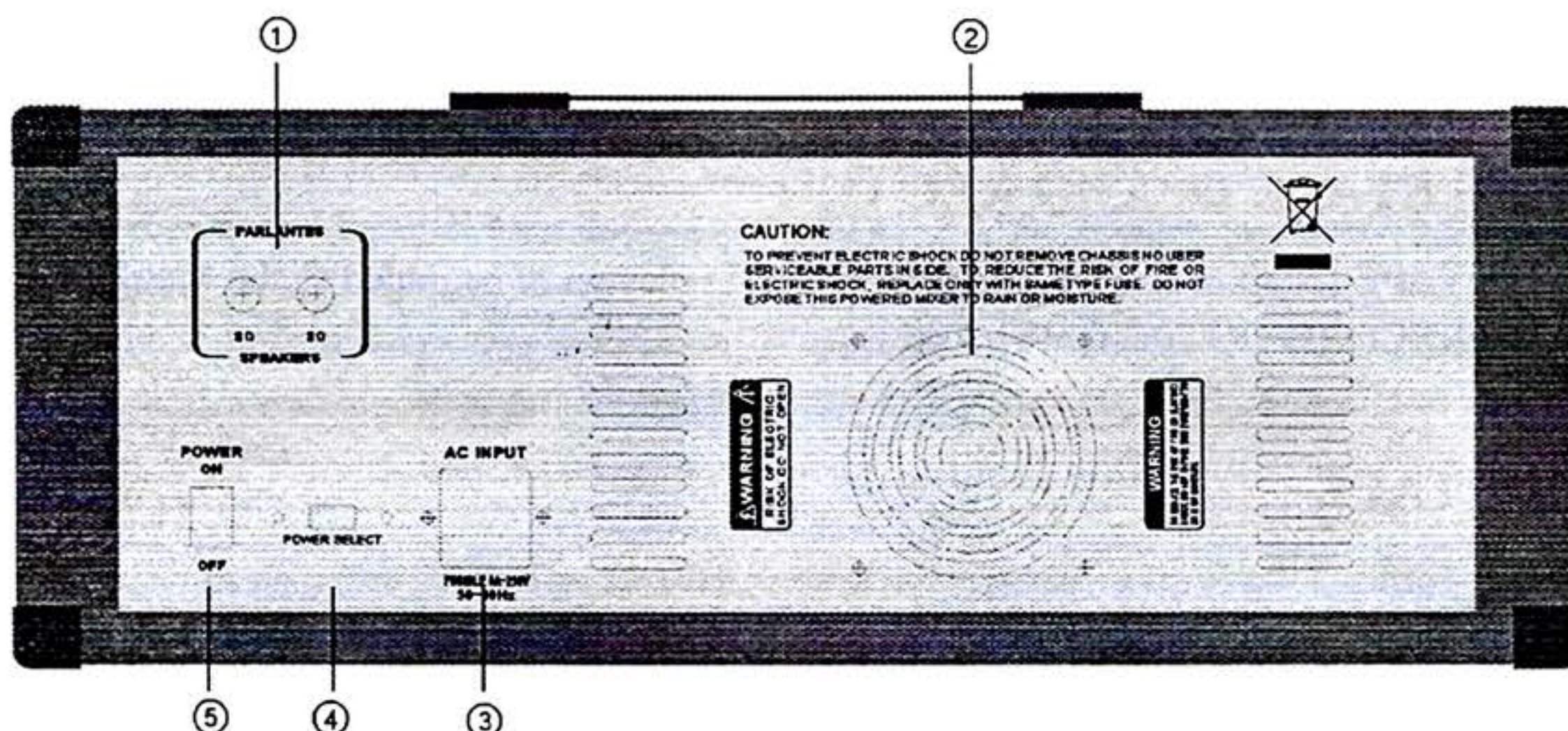
21. EFFECTS REPEAT

Use this control , you can adjust reverberating deepness.

22. EFFECTS LEVEL

Use this control, you can adjust signal levels of echo output.

B.BACK PANEL SECTION FEATURES



1. SPEAKER JACK

These are 2 conductor 1/4" speaker outputs. Each one is rated at 8 ohm minimum impedance. Total minimum load for the amplifier is 4 ohms. You may connect either 1-4 ohm, 1-8 ohm or 2-8 ohm speaker cabinets. Do not below rated minimum impedance.

2. FAN

In order to prevent rising the inside temperature, the inside heat is emitted outside.

3. AC POWER CORD/FUSE HOLDERS

For selecting the proper voltage (115/230AC) to match the power supply in your area. Note: To avoid damage to your unit, always make sure this switch is set to the correct supply voltage. Damage caused by improper use is not covered by the warranty

4. CHANGE-OVER SWITCH

This device is used to 127V/220V voltage conversion.

5. POWER SWITCH

Turns the unit ON or OFF. Always turn level controls down before turning on the unit.

C. CONNECTIONS

You will need a lot of cables for different purposes – see the following figures to make sure you have got the right cables. Unbalanced equipment may be connected to a balanced inputs/outputs. Either use mono 1/4 " plugs or connect ring and sleeve of TRS plugs.

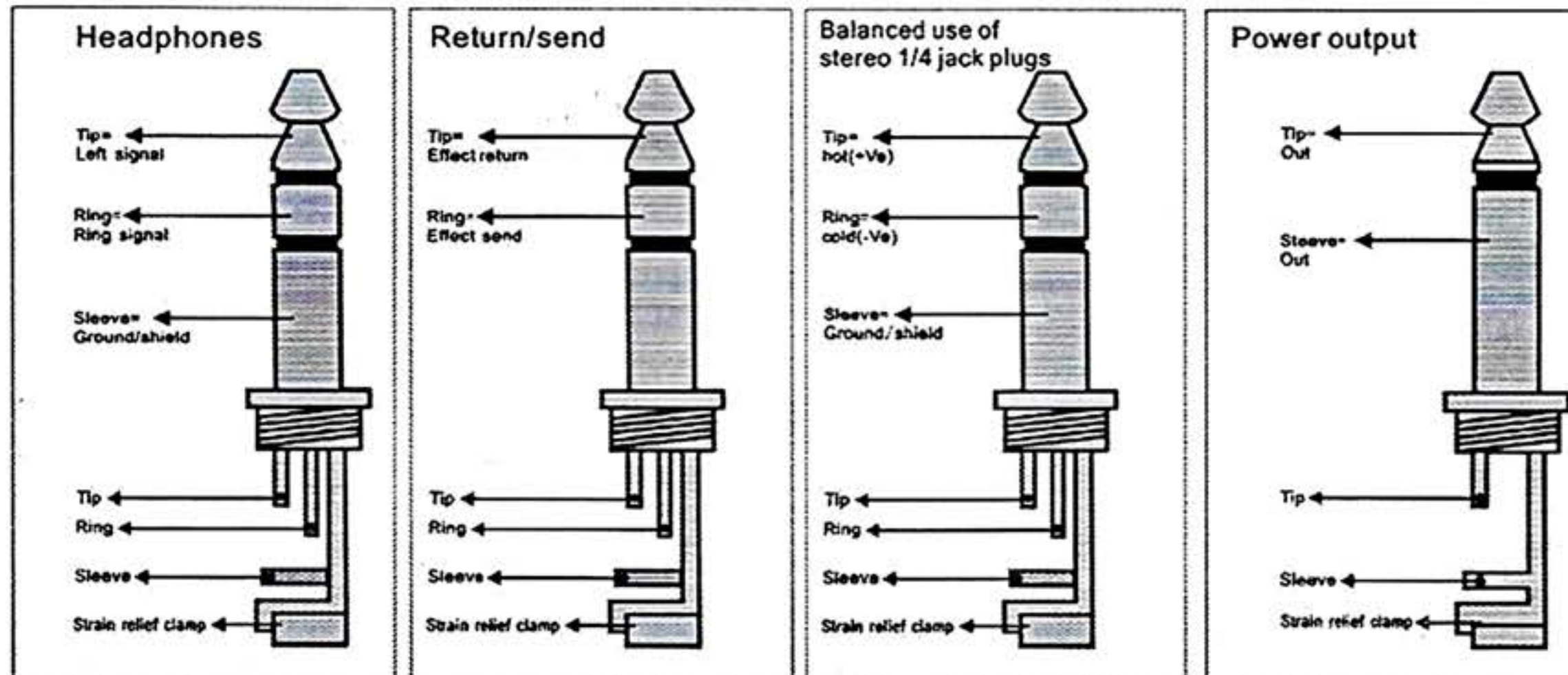


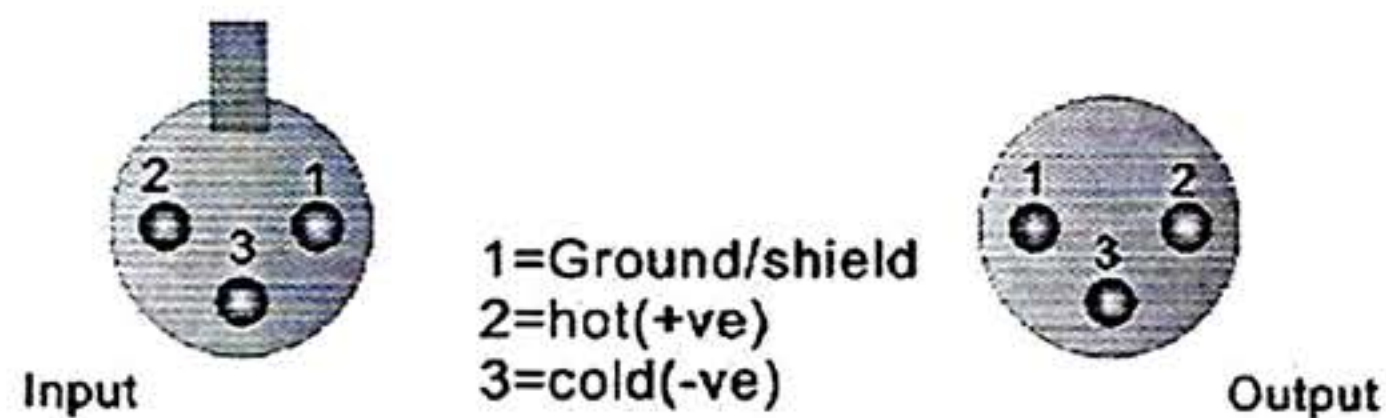
Fig. 1: Head phone connection

Fig. 2: Return/send connection

Fig. 3: Balanced plug types

Fig. 4: Power output connection

Balanced use with XLR connectors



For unbalanced use pin 1 and pin 2 have to be bridged

Fig. 5: Balance plug

D. APPENDIX

Bandwidth	20Hz to 20kHz \pm 1dB	
Input Impedance:	Lo-Z Mic	1K ohms
	Hi-Z	33K
	Mic/Line	ohms
	Tape	10K
	Playback	ohms
Input level:	Lo-Z Mic	-50Db
	Hi-Z	-20Db
	Mic/Line	
	Tape	-10dB
	Playback	

MODEL NO	HY204M BT	HY206M BT	HY208M BT
CH QTY	4CHANNELS	6CHANNELS	8CHANNELS
DIMENSION	15.75'X12.01'X7.87'	17.32'X12.01'X7.87'	20.28X12.01'X7.87'

Specifications:

*With USB 2.0 Terminal and LCD Bluetooth M

*5-Band graphic equalizer

*Each channel tone control

*Effect control

*TAPE input, REC output

*Channel tone adjust (high/low+/-15dB)

*AUX/TAPE/effect feedback input

*Effect send

*Master volume control

*Phantom + 15V

Power supply 127V AC 60HZ, SWITCHABLE 220V AC 50HZ