

USER'S MANUAL

PSM05R



070403250

IMPORTANT SAFETY SYMBOLS



The symbol is used to indicate that some hazardous live terminals are involved within this apparatus, even under the normal operating conditions, which may be sufficient to constitute the risk of electric shock or death.



The symbol is used in the service documentation to indicate that specific component shall be replaced only by the component specified in that documentation for safety reasons.



Protective grounding terminal



Alternating current/voltage



Hazardous live terminal

ON: Denotes the apparatus is turned on

OFF: Denotes the apparatus is turned off.

WARNING: Describes precautions that should be observed to prevent the danger of injury or death to the operator.

CAUTION: Describes precautions that should be observed to prevent danger of the apparatus.

IMPORTANT SAFETY INSTRUCTIONS

- **Read these instructions.**
- **Keep these instructions.**
- **Heed all warning.**
- **Follow all instructions.**

• **Water & Moisture**

The apparatus should be protected from moisture and rain, can not used near water, for example: near bathtub, kitchen sink or a swimming pool, etc.

• **Heat**

The apparatus should be located away from the heat source such as radiators, stoves or other appliances that produce heat.

• **Ventilation**

Do not block areas of ventilation opening. Failure to do could result in fire. Always install accordance with the manufacturer's instructions.

• **Object and Liquid Entry**

Objects do not fall into and liquids are not spilled into the inside of the apparatus for safety.

• **Power Cord and Plug**

Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety.

If the provided plug does not fit into your outlet, refer to electrician for replacement.

• **Power Supply**

The apparatus should be connected to the power supply only of the type as marked on the apparatus or described in the manual. Failure to do could result in damage to the product and possibly the user.

Unplug this apparatus during lightning storms or when unused for long periods of time.

• **Fuse**

To prevent the risk of fire and damaging the unit, please use only of the recommended fuse type as described in the manual. Before replacing the fuse, make sure the unit turned off and disconnected from the AC outlet.

• **Electrical Connection**

Improper electrical wiring may invalidate the product warranty.

• **Cleaning**

Clean only with a dry cloth. Do not use any solvents such as benzol or alcohol.

• **Servicing**

Do not implement any servicing other than those means described in the manual. Refer all servicing to qualified service personnel only.

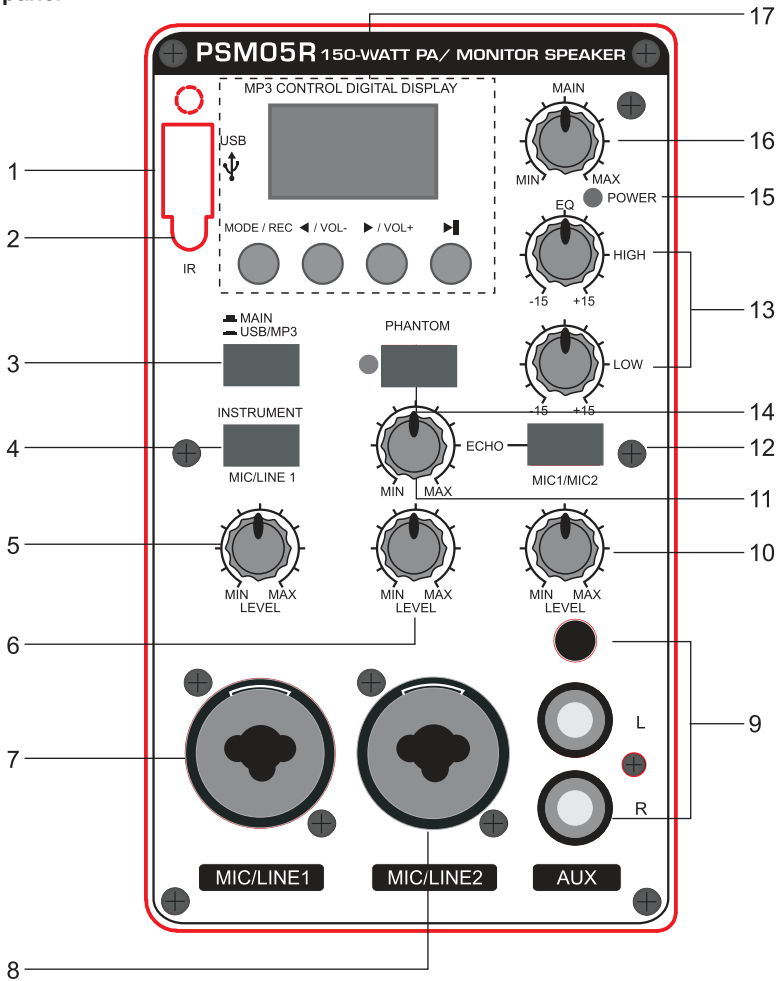
• Only use accessories/attachments or parts recommended by the manufacturer.

• **Warning**

Please remember the high sound pressure do not only temporarily damage your sense of hearing, but can also cause permanent damage. Be careful to select a suitable volume.

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Front panel



- 1.USB: USB interface connects with USB stick.
- 2.IR: It receives the infrared signal.
- 3.USB/MP3: Press it to switch output between USB/MP3 and input channel.
- 4.INSTRUMENT: Press it to optimize the unbal signal input from the MIC/LINE1 of instrument, it can work with 1/4" ST connector.
- 5.LINE1: Adjust the input signal level (MIC/LINE1).
- 6.LINE2: Adjust the input signal level (MIC/LINE2).
- 7.MIC/LINE1: (CH1/CH2) XLR bal/unbal connector, linear level input.
- 8.MIC/LINE2: (CH2) XLR bal/unbal connector, linear level input.
- 9.AUX INPUT: CD, MP3 or other linear level signal input.
- 10.LINE3: Adjust the input signal level from RCA or MP3.

- 11.ECHO: Adjust the delay time.
- 12.MIC1/MIC2: When the button is not pressed, CH1 and CH2 have delay function; when it is pressed, only CH2 has delay function.
- 13.EQ: Reinforce or attenuate the high, middle and low frequency, range $\pm 15\text{dB}$.
- 14.PHANTOM: Phantom power (+48V) for condenser MIC; when the button is pressed, phantom power indicator lights up.
- 15.POWER: Power indicator.
- 16.MAIN: It adjust the main level.
- 17.MP3 functions description:

MODE / REC



Short press to switch mode.

◀ / VOL-



PREV/VOL-: Short press to play previous song; long press to volume down.

▶ / VOL+



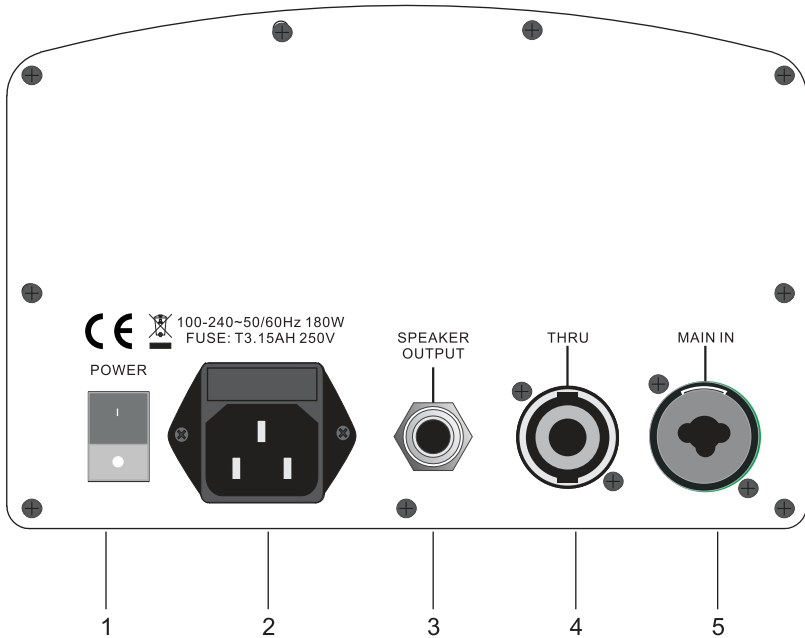
NEXT/VOL+: Short press to play next song; long press to volume up.



PLAY/PAUSE

- 1). In MP3 mode, long press MODE / REC to display files folder list, press ◀ / VOL- / ▶ / VOL+ to select previous/next folder; after folder selected, auto play starts after 6 sec. Long press ◀ / VOL- / ▶ / VOL+ on the remote control to play previous/next folder. (When MP3 playing, double short press ▶|| to switch play between recording files and USB disk files; or long press ▶|| on the remote control to switch play.)
- 2). Bluetooth function:
In Bluetooth mode, turn on Bluetooth function in your cellphone, search for "TB7", then confirm pairing(password not needed).
- 3). Record:
Connect USB disk, Record mode, long press MODE / Record to record, it displays recording time when recording, when you want to stop recording, short press MODE / REC to stop recording and play recording file.
On the remote control, short press USB to record, it displays recording time when recording, when you want to stop recording, long press USB to stop recording and play recording file.
(Note: when playing recording files, order play is preset. Double short press ▶|| to witch play between recording files and USB disk files; or short press ▶|| on the remote control to switch play.)
- 4). In Record mode, the button MAIN/USB must not be pressed, otherwise noise may occur due to signal repeat.

Rear panel



1.POWER:power switch to turn on/off the speaker cabinet.

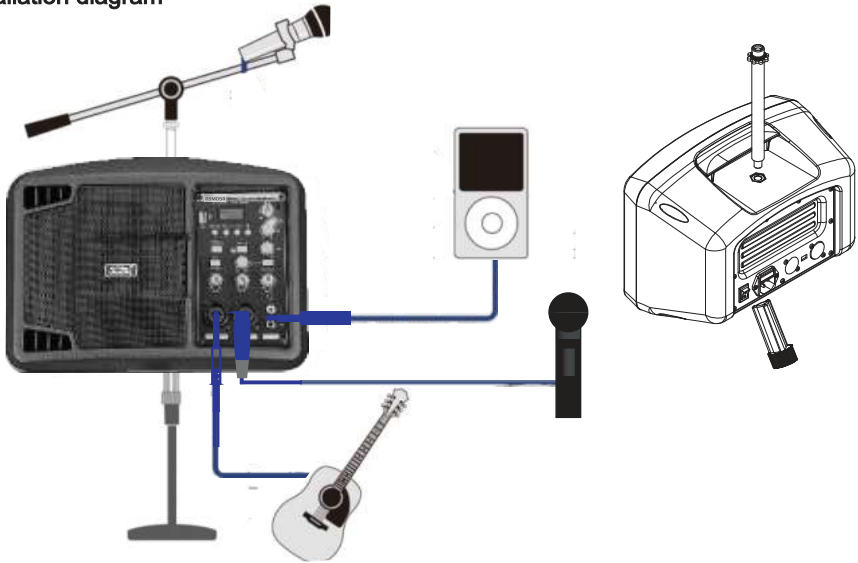
2.Power socket: connects with power cord.

3.Speaker Out (only applied to 8Ω speaker)

4.THRU: bal cable with XLR(MALE) connector to link with the next speaker cabinet. THRU connector combines signals from MAIN LEVEL or EQ with that of MAIN In.

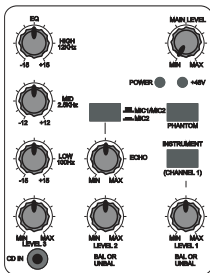
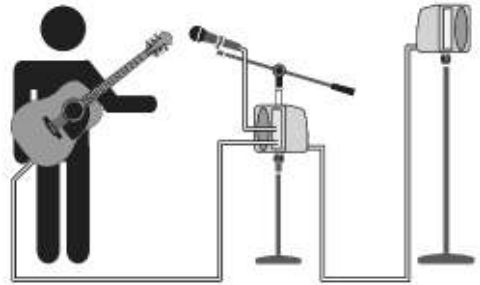
5.MAIN IN: use cable with XLR(FEMALE) or bal 1/4"TRS to connect with signal from THRU of another speaker cabinet.

Installation diagram

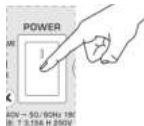


Operation instruction

- 1 Set up one speaker cabinet as monitor speaker cabinet.
- 2 Set all dials to minimum



- 3 Securely connect all devices.
- 4 Turn on external devices.
- 5 Turn on speaker power switch. POWER LED lights up.
- 6 Set MAIN LEVEL knob to central position
- 7 Play the audio source signal or speak to mic at normal level.
- 8 Adjust LEVEL knob to proper volume. If there is distortion, lower down the level.
- 9 If it is necessary, adjust HIGH/MID/LOW EQ knob to boost or lower the frequency to get the wanted effect.
- 10 Adjust MAIN LEVEL knob for proper volume at last.



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Specification

Output power	
Rms power	60W @ 8ohm / 2x120W @ 4ohm
peak power	75W @ 8ohm / 2x150W @ 4ohm
speaker dimension	5"
LINE1/LINE2 input sensitivity	
LINE1/LINE2 input sensitivity	MIC: -40dBu± 2 dBu; LINE: -22dBu±2 dBu
LINE3 input sensitivity	RCA INPUT: -10dBu±2 dBu
MAIN input sensitivity	MIC: 0dBu±2 dBu; LINE: 0dBu± 2 dBu
frequency response (MIC input to AMP out)	20Hz - 20kHz ±3dB
Power LED	blue
phantom power LED	(+48V) red
compression	20dBu
input impedance	20K Ω
channel level control	∞~+30dB
max input level	20dB
EQ	
HF (EQ: 12KHz)	15dB +/-3dB
LF (EQ: 80Hz)	15dB +/-3dB
connection	
THRU	XLR, MIC/LINE switchable
MAIN IN	XLR/1/4" TRS
Speaker cabinet data	
Max SPL	114 dB SPL@1M
limiter	
frequency response	80HZ-14KHZ(-10dB) ; 100Hz-10KHZ(-3dB)
dynamic EQ	processor control
power supply	
input voltage	100V-240VAC (3.15AH250V)
power consumption	180W
dimension/weight	
dimension(W*H*D)	290*215*170mm
weight	2.8kg

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