

# USER'S MANUAL

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professional speaker system



## 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 bath-tub, 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.

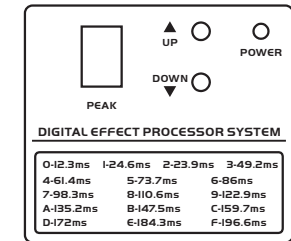
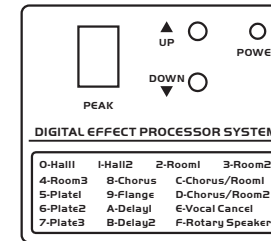
- **the digital effect processing / digital delay**

(1) PA system own digital effect processing / digital delay

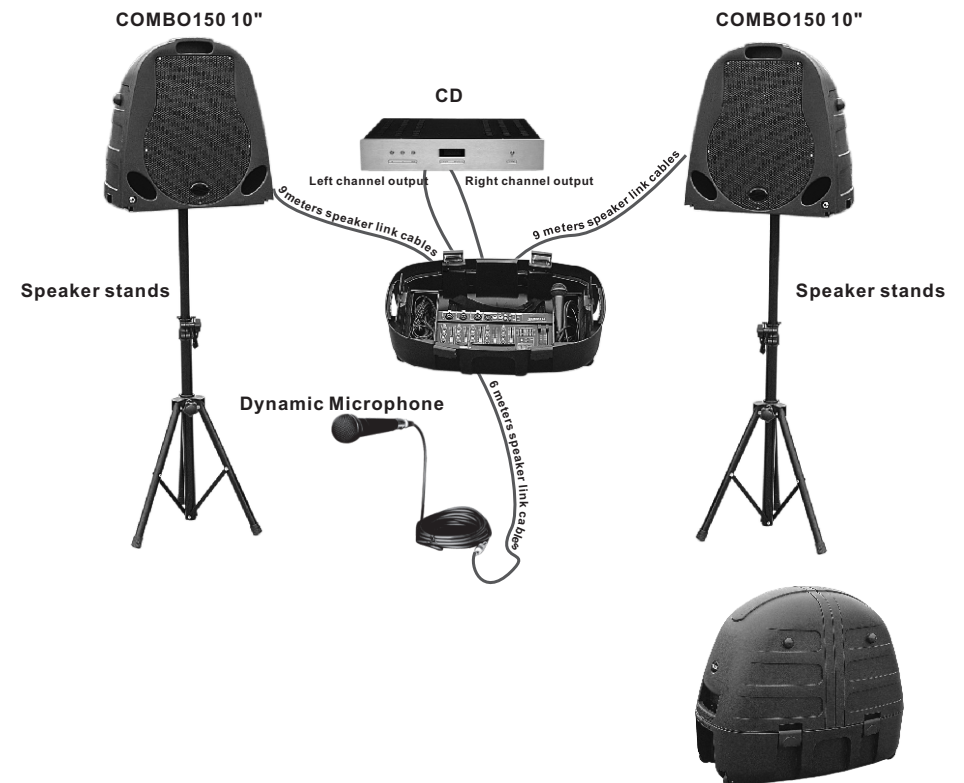
(2) Use up/ down arrow direction button to choose the effect you need

(3) Whirl the switch clockwise in order to turn on the effect in this track

(4) Set the level in need



## 8. Application:

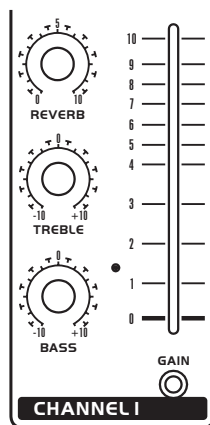


## • Connect the power supply

- (1) After finishing the above installation you can turn on the power supply
- (2) make sure the mixer power supply is in closed state before you turn on the power supply
- (3) Connect the standard IEC power supply plug to the socket in the wall and also connect the power supply
- (4) make sure that all of the attenuator gain is at the smallest position ( every channel including the main channel)
- (5) Turn on the power supply switch at the back of the mixer.

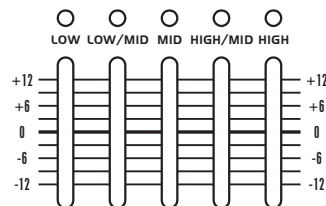
## 7. setting installation

- (1) After turning on the power supply, turn up the main channel slowly. The best effect is at 6 positions.
- (2) Set the level for well connected channel (channel 1 is MIC. Channel 2 is guitar. Channel 3 is CD player)
- (3) Adjust the gain attenuator in every channel
- (4) Change tone in every channel by 2 band equalizer
- (5) Clockwise whirl can increase the sound-surround ambience of the tone. it will be decreased in anticlockwise direction



## • Adjustable diagrammatic equalizer

- (1) Mixer with 5 band diagrammatic equalizer
- (2) Adjust the main track tone balance after organizing the signal in all channels.
- (3) Increase or attenuate 12 d B in every equalizer
- (4) Move the slide bars to “+” direction to increase the signal in the frequency range. Otherwise it is attenuation. In this way it can decrease the feedback from the different frequency range.



## 1. The main characteristic:

- 1) Stereo output 75W/4Ω × 2(RMS)
- 2) 1/4" phone Jack (front panel)
- 3) 4 channels MIC input XLR connector
- 4) Stereo (CD/ tape) input with level control (front panel), 1/4" input phone Jack  
Once the stereo signal connects the microphone, it will automatically cut off the signal
- 5) Every channel with treble and bass volume control reverberation and level control
- 6) The main volume in the front panel
- 7) Inside reverberation effect
- 8) Inside DSP effect / Digital delay
- 9) Inside power supply with switch
- 10) Five band diagrammatic equalizer with sound feedback monitor
- 11) Good 60 mm course attenuator and enclosed regulation resistance

## 2. Characteristic:

10" two pass filter  
 Power: 100W  
 Impedance: 4Ohm  
 Frequency Response: 60Hz-20KHz  
 Sensitivity: 94dB  
 Crossover frequency: 4KHz

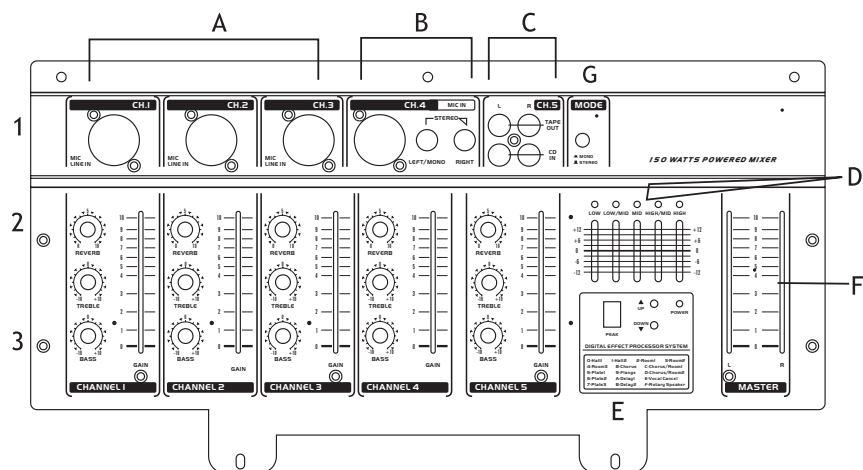
## 3. The main technical parameter:

output power: 75W/4Ω × 2  
 Frequency Response: 20Hz-20KHz ≤ 1dB  
 THD: 20Hz-20KHz ≤ 0.1%  
 Equivalent input noise level: ≤ -114dB  
 Channel equalizer: alt: ± 15dB  
 Bass: ± 15dB  
 Power supply: 120VAC, 60Hz 200VA  
 230VAC, 50Hz 200VA

## 4. Accessory:

9 meters speaker link cables	2 PCS
Speaker stands	2 PCS
Dynamic Microphone	1 PCS
6 meters microphone link cables	1 PCS
Fuse $\Phi 5 \times 20 \text{mm T 3AL}$	2 PCS

## 5. Function introduction :

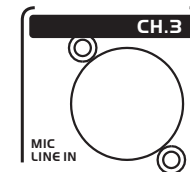


- A. Channel1-3: mono Combo (XLR and 1/4" double service phone Jack) input plug hole
1. Combo input plug hole
  2. Reverberation control knob
  3. Treble and bass volume control
  4. Channel gain attenuators
- B. Channel4. Phone balanced input (XLR) and R, L channel stereo input track
- C. channel5. CD input with RCA socket and TAPE output
- D. diagrammatic equalizer
- E. digital effect processing panel / digital delay
- F. main volume attenuator
- G. stereo/mono channel switch

## 6. Installation introduction

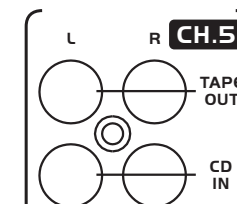
- Speaker cabinet installation introduction

- (1) Take out the speaker cabinet and then connect them
- (2) Take out the speaker stands, adjust to the needed height, and make sure the ground is flat enough to connect firmly
- (3) Mount the speak cabinet on the stands before the audience .keep the speaker cabinet away from microphone in order to avoid echo
- (4) Connect the speaker cabinet to the mixer in the plastic jacket and make sure left channel in speaker cabinet is connected to the left channel in the mixer, the same as the right channel.



- Microphone installation

- (1) Choose dynamic microphone. Because of this PA system without phantom power, it can not work with any microphone needed phantom power, such as dynamic microphone and so on.
- (2) Choose suitable microphone or you choose dynamic microphone by yourselves. Choose suitable cables with XLR connector to connect microphone to any channel.



- CD player installation

- (1) Connect CD/TAPE player to channel 5 with RCA connector
- (2) Connect L and R to corresponding mixer port
- (3) Adjust tone. Gains and reverberation by CD channel