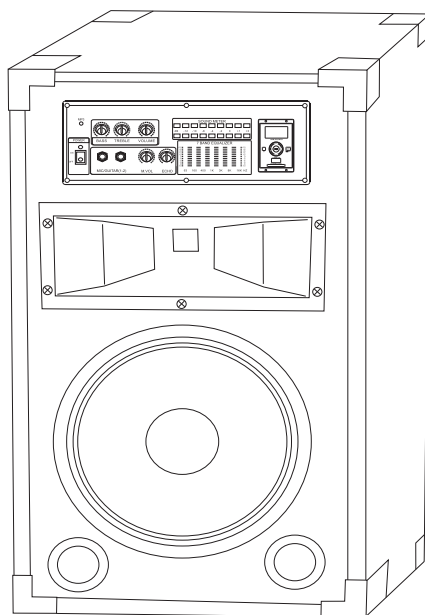


# PROFESSIONAL LOUDSPEAKER



**USB Series Loudspeaker**

**User Manual**

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## WARNING!

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER ON THIS SPEAKER. THERE ARE NO USER-SERVICEABLE PARTS INSIDE. REFER ALL SERVICING TO A QUALIFIED TECHNICIAN.



The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of "dangerous" voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to humans. Users should exhibit extra safety when this symbol appears in this instruction manual and follow all precautions as they are stated.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and Maintenance (servicing) instructions in this manual.

1-Read these instructions.

2-Keep these instructions.

3-Heed all warnings.

4-Follow all instructions.

5-WARNING: To prevent fire or electric shock, do not expose this equipment to rain or moisture. Do not use this apparatus near Water.

6-Clean only with a dry cloth.

7-Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that Produce heat.

8-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 plug has two blades and a grounding prong. The wide blade or third prong are provided for your safety. If the provided plug does not fit your outlet, consult an electrician for the replacement of the obsolete outlet.

9-Protect the speaker wires from being walked on or pinched, particularly plugs and the point where they exit from the speaker.

10-Unplug the speaker during lightning storms or when unused for long periods of time.

11-Always wire your speaker while the amplifier which is powering the speaker is turned off.

12-Before packing, installing, rigging, or suspending any speaker product, inspect all hardware, suspension, cabinets, transducers, Brackets and associated equipment for damage. Any missing, corroded, deformed, or non-load rated component could significantly reduce the strength of the installation, placement or array. Any such condition severely reduces the safety of the installation and should be immediately corrected. Use only hardware which is rated for the loading conditions of the installation and any possible short-term, unexpected overloading. Never exceed the rating of the hardware or equipment.

13-Consult a licensed, Professional Engineer regarding Physical equipment installation. Ensure that all local, state and national Regulations regarding the safety and operation of equipment are understood and adhered to.

14-Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

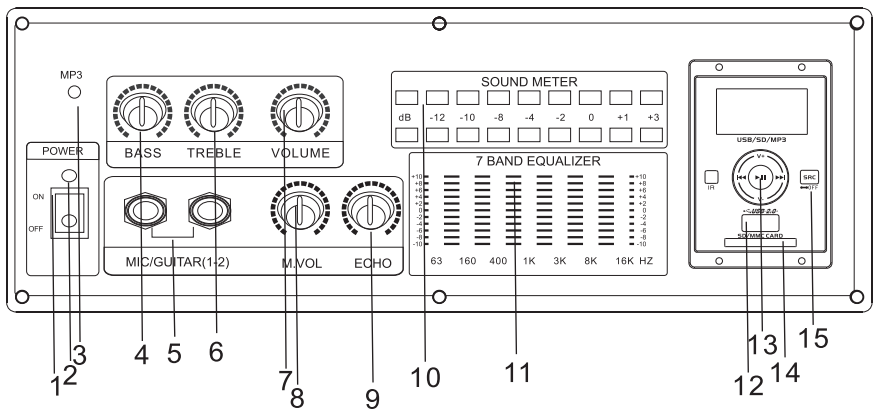
## Introduction

Congratulations and thank you for your purchase of 2-way Powered Loudspeaker and Passive Loudspeaker set.

To get the most from your USB series loudspeaker, we recommend you review all the information provided in this Instruction Manual. USB series speakers bring a new definition to sound quality with its powered/passive loudspeaker set. The USB series powered (active) loudspeakers have a built-in amplifier which can effortlessly achieve sound pressure levels that would melt conventional speakers. The USB series speakers are encased in solid wood cabinetry which is wrapped with a quality carpet so it can withstand even the toughest environments. The USB series also includes a passive loudspeaker, which can be hooked-up directly to the USB powered (active) loudspeaker.

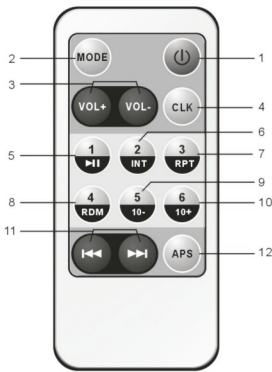
# Front Panel

USB-8 300WATTS    USB-10 400WATTS    USB-12 600WATTS    USB-15 800WATTS



- |                                 |                               |
|---------------------------------|-------------------------------|
| 1. Power Switch                 | 9. Microphone Echo Control    |
| 2. LED Power Indicator          | 10. Level output Sound Meter  |
| 3. Mp3 Input                    | 11. Seven Band Equalizer      |
| 4. Bass Control                 | 12. USB                       |
| 5. Microphone And Guitar Inputs | 13. Stop / Play control       |
| 6. Treble Control               | 14. SD/MMC card               |
| 7. Speaker Volume Control       | 15. Radio USB, SD, selector   |
| 8. Microphone Volume Control    | (Push two seconds for On/Off) |

## Remote Control



- |                                      |
|--------------------------------------|
| 1. Power Switch                      |
| 2. Mode Switch (FM/SD/USB)           |
| 3. Volume Control                    |
| 4. Clock                             |
| 5. Play / Pause                      |
| 6. Browse (10 Seconds for each song) |
| 7. Repeat                            |
| 8. Random                            |
| 9. -10                               |
| 10. +10                              |
| 11. Back / Forward                   |
| 12. Frequency Select (FM)            |

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## **Power Connection**

### **AC Power cord Connection**

To connect the power cord to your Speaker simply plug female side of the power cord into power cord input which is on the rear of the unit. Then plug the male side of the power cord to an electric outlet. The AC power cords supplied purposefully have 2 blades and one grounding prong. If your outlet is not equipped to handle this type of plug, do not attempt to forcefully plug this AC power cord into the outlet, and do not alter the plug so that it can fit in the outlet. The only course of action you can take is to find another outlet which is properly equipped to handle a grounded plug or have an electrician upgrade your electrical outlet. Be sure that the plug is well connected so that it doesn't fall out while you are in the middle of usage. If at any point in time the supplied AC power cord is punctured or damaged replace it with a new power cord from a local electrician.

## **Power switch**

After the power cord is connected the unit will still not be powered on until the power is in the On position. When turned on, a small LED on the face of the speaker should light up, to indicate that the unit is indeed powered on and ready to receive and power a signal. Once the unit is switched off, the LED will turn off after a few seconds.

**NOTE: ONLY PLUG IN THE AC POWER CORD WHILE THE UNIT'S POWER SWITCH IS IN THE OFF POSITION. ALWAYS TURN DOWN THE VOLUME PRIOR TO TURNING OFF THE SPEAKER.**

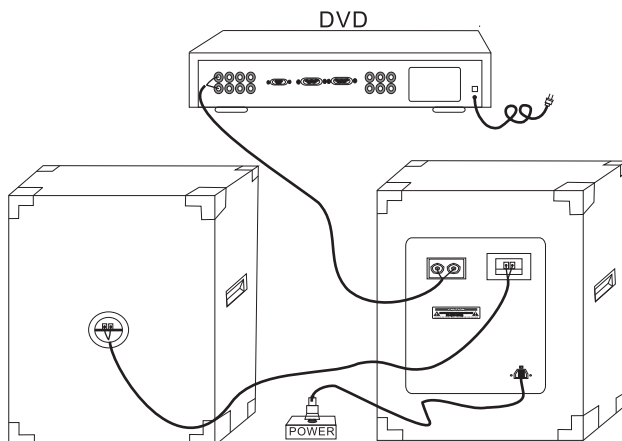
## **LED Power Indicator**

When the unit is connected to the power cord and switched on, a small LED on the face of the speaker should light up, to indicate that the unit is indeed powered on and ready to receive and power a signal. Once the unit is switched off, the LED will turn off after a few seconds.

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## Input/Output Connections

### Connecting the Source to the USB Speaker (CD/DVD/TAPE/MIXER/MP3 etc.)



The USB Series has a RCA line input jack on the rear of the unit which is designed to receive the signal directly from your CD,DVD,mixer, tape deck or any of your other sound sources, with no amplifier needed. To ensure that you have corrected your CD/DVD player (other sound sources) to your USB speakers make sure that the CD/DVD player has a RCA cord coming from it's output and that this cord is plugging into the RCA Input on the rear of the USB series powered loudspeaker. Ensure that the polarity of your signal is always maintained by using color coordinated RCA cales. Additionally,using balanced connections help to ensure that there is less hum in your signal, especially when the cables connecting to your speakers are long cables

**Note:**be sure not to hook-up an amplifier or any amplified signal into the rca input jack as this could Damage the speaker. No other amplifier is needed to power your signal as the USB series loudspeaker Has an internal amplifier which powers itself in addition to the passive USB loudspeaker. All wiring Should be done with the power on all units off and the volume turned down. Once wiring is complete Power on the signal source and then the USB speaker. Then slowly increase the volume on the USB Speaker.

There is an input jack for MP3 players also on the face of the speaker, allowing you enjoy your music in just a matter of seconds. Just plug in the MP3 player into the MP3 input the MP3 input while both the MP3 player and USB speaker are in the OFF position. Once plugged in , turn on both units and the USB speaker will play your MP3 files.

### Connecting the Two Microphones / Guitars to the USB Speaker

There are two 1 / 4"input on the face of the speaker which you can plug microphones or guitars directly into. The wire microphones are stored in a drawer which can be found on the face of the passive USB loudspeaker. It is important to note that these inputs are to be used solely by microphones or guitars.Do not attempt to use the 1 / 4"inputs for any other use.To use,simply plug the wired microphones or guitars intothe 1 / 4"inputs while the speaker and microphones are in the OFF position. Once plugged just power on the USB speakers and the power on the microphone or guitar.

Specifications	USB-8	USB-10	USB-12	USB-15
Power	300 Watts	400 Watts	600 Watts	800 Watts
Frequency Response	65Hz-20K Hz	60Hz-20K Hz	55Hz-20K Hz	50Hz-20K Hz
Impedance	8Ohms	8Ohms	8Ohms	8Ohms
Woofer Description	8" Woofer	10" Woofer	12" Woofer	15" Woofer
Input Sensitivity	98±2dB	98±2dB	99±2dB	100±2dB
Tweeter	Compression driver			
Input Connector (on Powered Speaker)	RCA(Line),MP3 USB/SD CARD	RCA(Line),MP3 USB/SD CARD	RCA(Line),MP3 USB/SD CARD	RCA(Line),MP3 USB/SD CARD
Input Connector (on Passive Speaker)	Bare wire	Bare wire	Bare wire	Bare wire
Output Connector (on Powered Speaker)	Bare wire	Bare wire	Bare wire	Bare wire
Mic Connector(2)	1/4" plug	1/4" plug	1/4" plug	1/4" plug
Carry Handles	Yes	Yes	Yes	Yes
AC Power Connector (on Powered Speaker)	Yes	Yes	Yes	Yes
Controls/Indications	Yes	Yes	Yes	Yes
Mircophone Controls	Yes	Yes	Yes	Yes
Remote Controls	Yes	Yes	Yes	Yes
Dimensions	12.2"x9.45"x20.91"	12.2"x10.24"x22.91"	14.61"x11.81"x26.69"	17.46"x11.81"x28.86"
Total Weight of Pair	8.5kgs	10kgs	15kgs	19kgs