

# OPERATIONS MANUAL

## SL audio PS12A5/PS15A9

### Professional ABS Molded Loudspeaker

#### Introduction:

Congratulations on your purchase of the amplified loudspeaker; this speaker includes the very latest technology in lightweight ABS design. The trapezoidal design was used for a more precise and accurate sound and will add increased sound definition on vocal frequencies. This state of the art speaker will give you years of enjoyment.

#### Features:

- Steel basket woofer
- High wattage powered amplifier
- Stand mounting socket
- Auxiliary Line Input
- Metal Grill
- High Temperature Voice coil
- Rubber Feet
- DSP Processor



#### Cautions:

1. All operating instructions should be read before using this equipment.
2. To reduce the risk of electric shock, do not open the unit. There are NO REPLACEABLE PARTS INSIDE.  
Please refer servicing to a qualified service technician.
3. Do not expose this unit to direct sunlight or to a heat source such as a radiator or stove.
4. This unit should be cleaned only with a damp cloth. Avoid solvents or other cleaning detergents.
5. When moving this equipment, it should be placed in its original carton and packaging. This will reduce the risk of damage during transit.
6. DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.
7. DO NOT USE ANY SPRAY CLEANER OR LUBRICANT ON ANY CONTROLS OR SWITCHES.
8. Make sure ALL of your equipment is completely OFF and lower ALL VOLUME, LEVEL & GAIN controls before connecting the speaker.
9. ONLY LINE LEVEL SIGNALS CAN BE SENT TO YOUR SPEAKER.

**Disregarding any of the above will void your warranty!!!!**

## Functions:

1. Volume control for MIC INPUT: Control the volume for INPUT2 when using the INPUT2.
2. MIC/LINE input: Use combination XLR or 1/4" Jack connector balanced or unbalanced.
3. MIC/LINE Switch: Use the MIC position (depressed) when a microphone is connected. Use the LINE position(disengaged) when a line level source such as an audio mixing console, audio playback device, or electronic musical instrument is connected.
4. LINE LEVEL: Control the signal for LINE when using the line.
5. LINE input: Use XLR or RCA connector balanced or unbalanced.
6. Power indicator
7. Signal indicator: The LED lights up when signal input.
8. LIMITER Indicator: Illuminated just before the sub amplifier begins to clip and distort. Adjust the sub level control and signal level from your source so this illuminates only briefly on peaks in the music. Using the system with this on all or much of the time will result in poor sound quality and damage the speakers and electronics.
9. Master: controls the master volume of the unit. By turning the knob counter-clock wise you will be lowering the overall volume of the speaker. By turning the control clockwise you will be increasing the overall volume of the speaker.
10. TREBLE: Rise or attenuate 15dB at 12KHz frequency.
11. BASS: Rise or attenuate 15dB at 80Hz frequency.
12. MIX OUTPUT: This XLR output connector provides a method of sending audio out to an external source.
13. FRONT LED SWITCH: Use this switch to select LIMITER or POWER indicator on the front of the speaker. When you slide to LIMITER/POWER, the LIMITER/POWER indicator on the front will be light on the front. When slide to OFF, both indicators won' t be light on the front.
14. DSP presets: Use this button to toggle through the four different settings.  
MAIN: This is the default setting for the speaker. Use this setting when the speaker is being used either on a tripod or pole and facing towards your audience.  
SUB: Built-in 80Hz HP filter, is suitable for using with the subwoofer. MONITOR: Suitable for performances, and used to do back to listen to speakers use.  
SPEECH: Use this setting when the speaker is being used for Speech only or Spoken Word applications and facing towards the audience.
15. Power Supply Switch
16. Power Supply Input Connector: Use with power cord.



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## Connections:

1. For this unit you can connect a mixer or microphone directly into your speaker. To connect a microphone use an XLR or 1/4" jack connector to connect to the MIC (2) input.
2. To connect a CD player, turntable or mixer use an XLR or RCA connector to connect to the LINE IN (5) input. If connecting a powered mixer use the mixers line level signals only.
3. You can LINK additional speakers using the LINE OUT(12) connection. The amplifier on your speaker will only power this speaker. If you LINK to additional speakers those speakers must be self amplified.
4. Turn on your mixer/microphones or other signal source, then turn on your unit, the Power Indicator (6) will be lit. Now you can adjust your volume controls to a reasonable level.