

# StuDiomaster

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**LIVESYS5**  
150 WATT COMPACT PA / MONITOR SYSTEM

**USER GUIDE**

## Service Information

If you have a problem with your Studiomaster product or think it has developed a fault contact your local dealer or distributor for service details.

Should it be recommended you return the product to your nearest Studiomaster Service Centre you must first contact them.

You will be asked for the product type and serial number. You will then be given a Returns Authorisation (RA) number.

Pack the unit in its original carton to protect it from shipping damage.

You must have the Returns Authorisation number clearly marked on the outside of the carton or we may refuse the delivery. Studiomaster cannot be held responsible for damage resulting from the equipment being packed incorrectly.

Label the equipment clearly with your name and address and include a clear description of the fault. The more information you supply helps the service engineer, minimising repair cost when out of warranty.

Please write your Serial number here for future reference....

## INTRODUCTION

Thanks you for purchasing this Studiomaster product. The LIVESYS5 is an easy to use yet sophisticated product that will enhance your performance and give you trouble free use for years to come.

The ergonomic and lightweight design coupled with ultra reliable build quality makes the LIVESYS5 a pleasure to work with, leaving you to concentrate on the show and not the equipment!

## READ THE USER GUIDE

The Studiomaster design philosophy has always been to provide the controls and features the user needs, reducing clutter, making operation intuitive.

Despite this it is worth taking the time to read this User Guide to familiarise yourself with the controls to get the best out of your LIVESYS5. It also contains important safety information as well as practical hints.

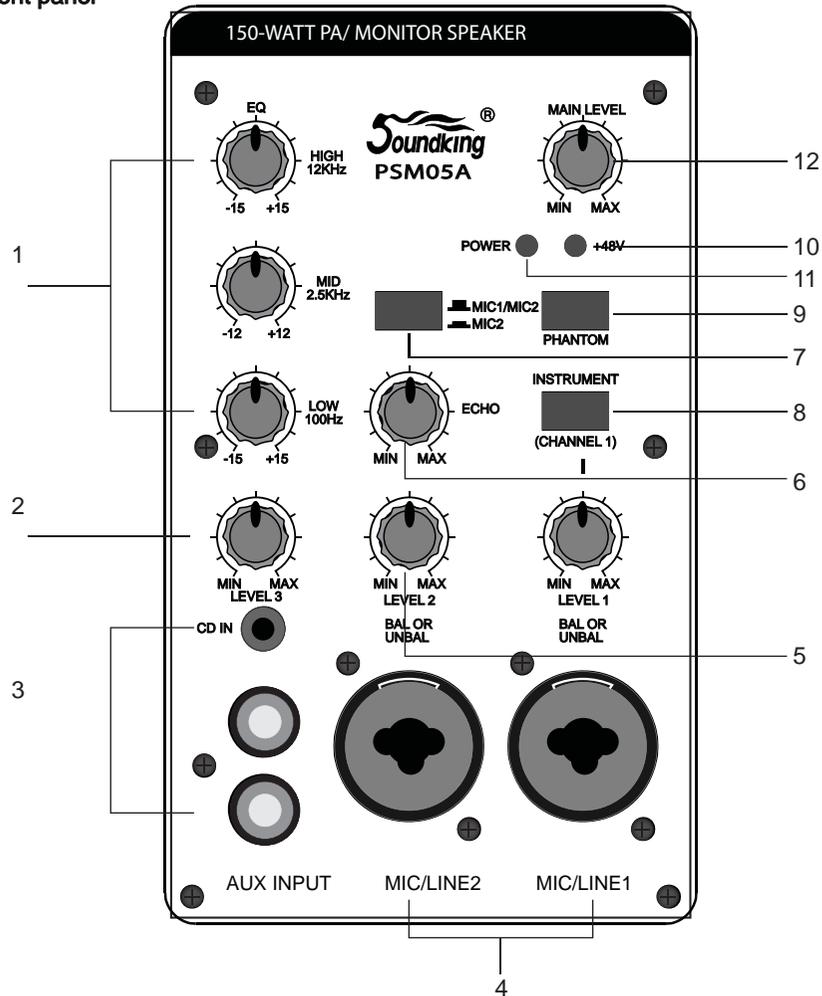
## SAFETY INSTRUCTIONS

### READ THIS BEFORE YOU USE YOUR PRODUCT

1. Before connecting the A.C. power cord make sure the LIVESYS5 operating voltage is suitable for your local supply : 100-240V AC 50/60Hz.
2. Only use the A.C. power cord / mains lead supplied with this product. Replace it if it becomes damaged in any way.
3. Never operate without, or remove the safety ground (earth) from the A.C. power cord / mains lead.
4. Do not attempt to remove any screws or panels. There are no user serviceable parts inside.
5. Do no operate the unit next to heat sources such as radiators.
6. The unit should not be operated or stored near rain or moisture.
7. This equipment must not be exposed to dripping or splashing and no objects filled with liquids should be placed on top of it.

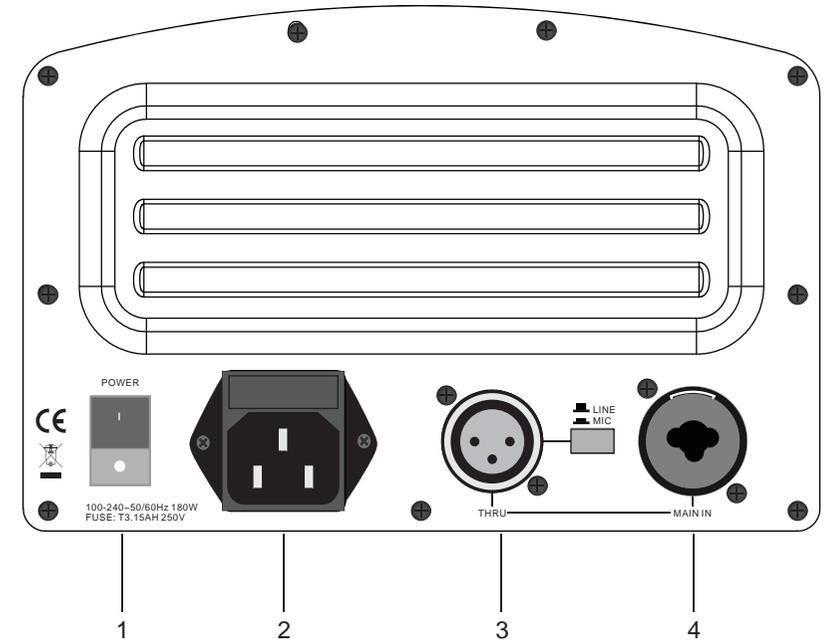
**WARNING : THIS APPARATUS MUST BE EARTHED (GROUNDED)**

## Front panel



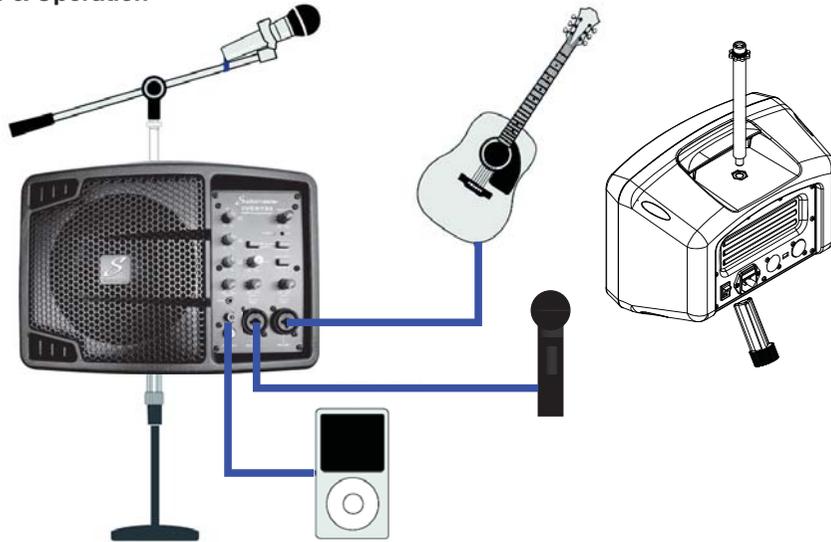
- 1.EQ Equalisation (tone) boosts or cuts, HI(treble)/MID/LO(bass) by +/- 15dB
- 2.LINE3 Level Control adjusts RCA PHONO or MP3 (3.5mm jack) AUX input signal level
- 3.AUX INPUT RCA PHONO or MP3 (3.5mm jack) input connector for CD,MP3 and other line level audio sources
- 4.MIC/LINE (CH1/CH2) XLR balanced / 6.3mm Jack unbalanced input connector for mic and line level audio sources
- 5.LEVEL1&2 adjusts (MIC/LINE) input signal level
- 6.ECHO adjusts the amount of effect added to the output signal
- 7.MIC1/MIC2 switch : release the switch and CH1/CH2 have ECHO output. Press the switch and only CH2 has
- 8.INSTRUMENT press this switch to optimize the MIC/LINE1 input impedance for a guitar
- 9.PHANTOM provides phantom power (+48V) for condenser microphones
- 10.Phantom power LED
- 11.Power LED
- 12.MAIN LEVEL adjusts the master output volume

## Rear panel



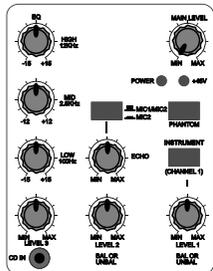
1. POWER Power switch to turn on/off the LIVESYS5
2. POWER SOCKET Connects to A.C. power with supplied power cord/mains lead (see safety instructions)
3. THRU Balanced XLR (male) connector to link to another unit (active speaker/mixer etc)  
The THRU signal is mixed prior to the MAIN LEVEL control (12)
4. MAIN IN Balanced XLR (female) connector or 6.3mm (TRS jack) to connect a signal from another unit (active speaker/mixer etc)

## Setup & Operation

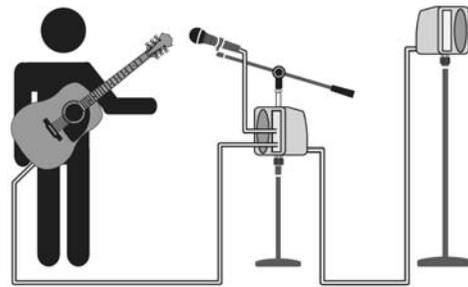
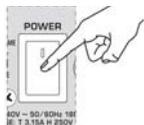


### Operation instruction

- 1 Set up one speaker cabinet as monitor speaker cabinet.
- 2 set EQ controls to central and MAIN LEVEL & LEVEL controls to minimum position.



- 3 connect all devices
- 4 turn on equipment power switches (mixer mic, instrument. ).
- 5 Turn on LIVESYS5 power switch. Check POWER LED lights up.



- 6 Set MAIN LEVEL control to central position
- 7 Play the audio source signal or speak into the microphone at normal level.
- 8 Adjust LEVEL knob to set the volume. If there is distortion heard, reduce the the level.
- 9 If it is necessary, adjust the EQ HI/MID/LO controls to boost or cut the frequencies to get the desired sound.
- 10 Adjust MAIN LEVEL control to the required output level

## Specification

### Output power

RMS power	125W
peak power	150W
speaker dimension	5"

### Audio Inputs

MIC/LINE 1	XLR/Jack combo
Sensitivity	Mic : -58dBu Line : -35dBu
Input Impedance	8k / 1M ohm switchable
MIC/LINE 2	XLR/Jack combo
Sensitivity	Mic : -58dBu Line : -35dBu
Input Impedance	8k ohm
AUX INPUT	2 x RCA phono, 1/8" (3.5mm) mini-jack
PHANTOM POWER	+48V to MIC 1 and 2 XLR inputs
EFFECT	Echo + ambience
selectable	Mic1, Mic1+2 or off
Frequency Response	Input to amp : 20Hz to 20kHz
Max Input Level	+20dBu

### EQ

HF (EQ:12KHz)	15dB +/-3dB
MF (EQ:2.5KHz)	15dB +/-3dB
LF (EQ:100Hz)	15dB +/-3dB

### Connection

THRU	XLR MIC/LINE switchable
MAIN IN	XLR/1/4 TSR

### 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(WxHxD)	345x230x300mm
weight	2.8kg