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**NOTE**

ADSworldwide strive to improve their products continuously, and therefore reserve the right to make changes to drawings and technical specifications at any time without notice

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**INSTALLATION AND OPERATING  
INSTRUCTIONS**

**ADS -1015  
MIXER AMPLIFIER**

**ADS**worldwide  
(AUDIO DESIGN SERVICES LIMITED)

*Quality at every level*





## **SAFETY INFORMATION**

### **WARNING : THIS APPLIANCE MUST BE EARTHED IMPORTANT**

The wires in the mains lead are coloured in accordance with the following code:

Green and yellow: **Earth (E)**  
Blue: **Neutral (N)**  
Brown: **Live (L)**

As the colours of the wires in the mains lead of the apparatus may not correspond with the coloured markings identifying the terminals in your plug proceed as follows:

The wire which is coloured green and yellow must be connected to the terminal which is marked by the letter E or by the safty earth symbol or coloured green and yellow.

The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.

The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

If a 13 Amp (BS1363) plug or other type of plug is used, a 5 Amp fuse must be fitted either in the plug or at the distribution board.

## **GENERAL INSTALLATION**

- 1 DO NOT** expose the unit to rain or moisture. If any fluids or foreign objects should enter the unit, disconnect the power plug immediately.
- 2 DO NOT** run microphone cables near mains, data, telephone or 100V lines.
- 3 PROTECT** the unit from heat and allow adequate ventilation. Place away from direct source of heat, such as heating vents and radiators.
- 4 AVOID** jointing the microphone cables, when this is unavoidable make sure a good screen connector is used.
- 5 ALWAYS** use a balanced or floating low impedance microphone terminating in balanced input on long microphone runs.

## **GENERAL DESCRIPTION**

### **ADS 1015 MIXER AMPLIFIER**

The 15 watt RMS amplifier can be used on either Mains or DC power.

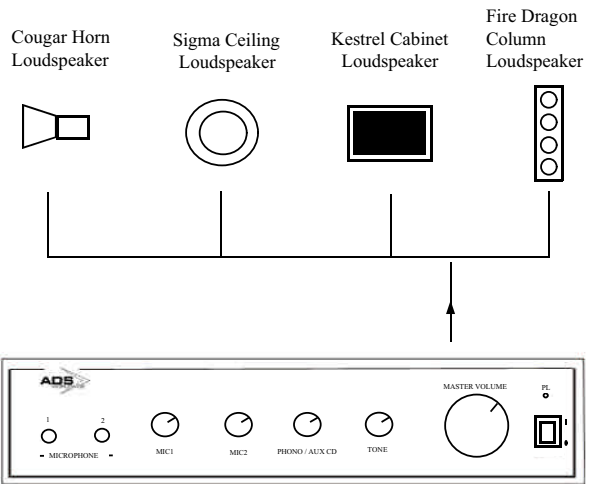
The amplifier has two unbalanced microphone inputs and two auxiliary inputs for background music sources.

Amplifier controls are located on the front panel.

## **SPECIFICATIONS**

RMS Output power	15 Watts into 8 ohm at 1 kHz
Constant Voltage output	100V
Constant Impedance output	4 - 16 ohm
Distorsion at rated power	< 1% THD
Frequency responce	100Hz to 13kHz + or - 3db
Tone Control range	Bass + or - 10db Treble + or - 10db
<b>Microphone Input</b>	
Sensitivity / Imp	-48db + or - 2db/600ohm
S/N ratio	> 55db
<b>Auxiliary Input</b>	
Sensitivity	-12db + or - 2db
S/N ratio	>55db
<b>Operating Conditions</b>	
Mains power supply	240V AC at 50Hz
Mains power supply	12 Volt
Dimensions (HWD)	83 x 320 x 230
Weight	3.46kg

**POSSIBLE INTERFACES**

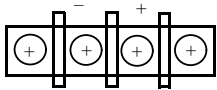


**Loudspeaker Loading**

To allow sufficient transient overload margin it is suggested that the output load should not exceed approximately 70% of the rated power output

**DC Power**

The equipment may be operated from a battery power source. ENSURE CORRECT POLARITY when connecting batteries

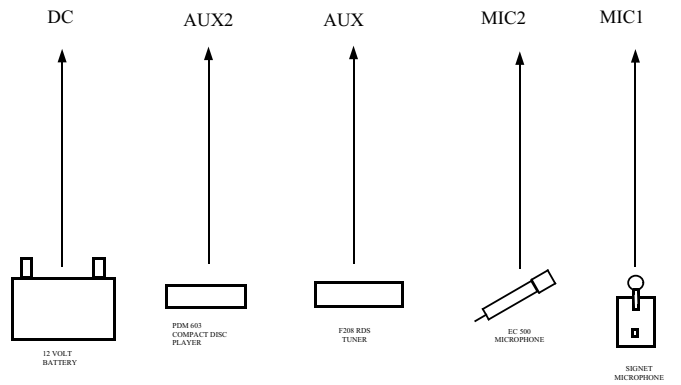


The ADS 1015 Requires a 12 Volt source

**PRIORITY CONNECTIONS**

**ACCESSORIES**

Description	Part Number



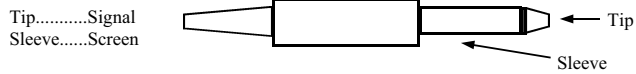
## MICROPHONE CONNECTIONS

### Microphone 1

Microphone 1 uses a standard 1/4" mono Jack plug.  
The input is unbalanced and designed for low impedance microphones.

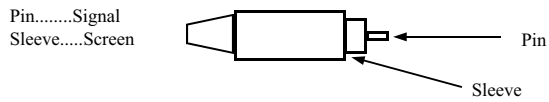
### Microphone 2

Microphone 2 uses a standard 1/4" mono Jack plug.  
The input is unbalanced and designed for low impedance microphones.



### Auxiliary 1 & 2

AUX 1 and 2 use standard phono sockets. each input has two sockets which when connected to stereo equipment mix the left and right channels to obtain a Mono signal.



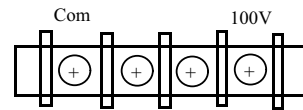
### Booster Output

**NOT APPLICABLE**

### Constant Voltage Output

#### 100V

For use with loudspeakers designed for 100V line systems.  
Connections are to the common and 100V terminal



### Low Impedance

For use with loudspeakers designed for low impedance.  
Connections are to Common and 4 or 16ohm terminals

