

Audio Frequency Induction Loop Amplifiers

Inputs	Microphones and line level
Microphones (3 inputs)	Unbalanced, Electret Sensitivity: 66dBm to -2dBm
Line	Impedance 20K unbalanced Sensitivity: -20dBm to +22dBm
Performance	Bandwidth at any output level 100Hz to 5KHz +/-3dB Distortion: <0.05% THD @ 1Kz Dynamic range: >90dB Noise: <-86dB CMRR: >84dB 600m2 coverage
Mains Voltage	230V AC 20%
Power Consumption	50VA to 225 VA depending on model
Dimensions	W173mm x L289mmx H130mm
Quality	Tested to and conforms with BS7594 and BS60118 4

Features

Evacuation siren	Normally open, close to activate
Automatic gain control	All inputs feature automatic gain control
Compansion	All inputs have compander circuit to balance levels
Bar graph display	Four LED bar graph display to indicate level of output
Automatic shutdown	With no audio input the unit shuts down to low power state, wakes on input
Automatic overheat shutdown	If the unit overheats it shuts down until cool, red LED indicator
Internal line out	There are two internal line out connectors for further flexibility of use, one switchable from outside case.

Options

Internal line in connections	There are two internal phono sockets for connecting additional audio inputs
15v DC power	Three internal headers giving 15v power for any additional equipment