

ET30 Induction Loop Amplifier

Features:

- Up to 50m² Coverage
- 2 Inputs
- Integrated PSU
- Noise limiter
- Protected Output Drive Control
- Protected Mix Control

Induction Loop Amplifier

The ET30 is designed for user-friendly installation to walls, vanity panels, desks and counters. The unit is compact, the front is printed with text boxes to allow the name of the responsible person and their contact number to be written in. The controls (Mix and Drive) are recessed to hinder unauthorised adjustment, and **LED indication** is provided for the presence of power and loop current.

The unit incorporates the latest design in audio processing allowing varying microphone levels to be compensated for automatically while preventing any sudden loud noises from reaching the output stage. The compressor design automatically adjusts the release time providing high quality music with a slow release and speech with a relatively fast release.

The compressor ratio is dynamically variable and will automatically change from 1:1 to over 20:1 in the case of limiting. The unit also provides an automatic noise suppression system, reducing the level of audible hiss from the compressor as gain is added to the system.



Inputs

Audio inputs	2 off
Type	Microphone 3.5mm mono jack
Phantom	Yes, 4.5V 1mA
Sensitivity	-50dB

Mains Input

Voltage	230V ~ 50/60 Hz
Power	20VA Max
Internal fuse	250mA F
Plug top Fuse	5A
Fuse for Spur	3A

Audio Processing

Compressor	Variable ratio 1:1 to limit 20:1
Attack	10mS
Release	Automatic from 500mS to 1500mS
Noise Reduction	Yes, limits bandwidth to 8KHz at full gain, 16KHz at -6dB
Dynamic Range	>60dB
THD	<0.5%

Dimensions

Extents Height	170mm
Width	91mm
Depth	33mm
Weight Unit	860kg
Packed	1kg Including Mains Lead, Mic Sticker & Packaging