



discreteloop

audio frequency
induction loop systems

Cost effective and stylish

Counter Top Unit

Discrete Loop is a mains powered induction loop amplifier that provides a cost effective and stylish solution for counter top applications or small rooms up to 25m².

The unit has two microphone inputs as standard allowing the freedom to have two separate sound sources fed in to the amplifier. Alternatively, Discrete Loop can be connected to an Audio/Video source via an optional Scart/Phono interface.

From unpack to full operation in less than 15 minutes, Discrete Loop is supplied with its own power supply, external loop, microphone and fitting kit.

'Fit and Forget'

Once installation is complete, Discrete Loop is literally a 'Fit & Forget' solution. Switch 'on' in the morning and 'off' in the evening, or leave switched on 24/7.

All units feature the distinctive logo, which makes them instantly recognisable.



Power & Active LED's

The top face of the amplifier houses two brightly coloured LEDs. The 'Power' LED illuminates when power to the unit is applied, whilst the 'Active' LED will flicker during use to denote that speech is being received and transmitted inductively from the loop.

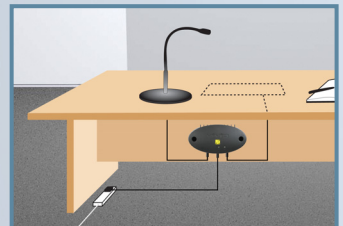
Optional Features (special order)

Optional 'Gooseneck' Microphone

Particularly useful at busy and noisy reception and counter areas, a 'Noise Cancelling' Gooseneck Microphone is available.

Additional Electret Microphone

Scart or phono interface



Discrete Loop Specifications

Set-up & Operation

The unit comes pre-set from the factory, so no user adjustments are necessary. Simply follow the installation instructions in the user guide supplied.

Power Supply

Only the APPROVED POWER ADAPTOR SUPPLIED MUST BE USED. The amplifier is designed to remain switched on permanently or can be switched off overnight depending on user preference.

Overall dimensions:	185mm x 87mm x 45mm
Weight:	220g
Finish:	ABS fine textured
Fixing holes:	For 2 off no.8 screws on a 140mm pitch
Audio inputs:	2 off 3.5mm jack sockets with phantom power for unbalanced electret microphones
Microphone sensitivity:	-62dB \pm 3dB (0dB = 1V/ μ Bar @ 1KHz)
Output:	2 way screw-less terminal block for loop connection
Output current:	0.7 A _{RMS} (@ 1kHz) 2.8 A _{PEAK} (125ms)
Loop impedance:	0.1 to 1ohm @ 1kHz
Dynamic range:	>60dB
THD+N (amplifier):	>0.5%
DC input:	15V @ 1A maximum
Power supply:	Input: 100 - 240V AC 50 Hz @ 0.45A maximum Output: 15VDC @ 1A maximum Short circuit protected
Approvals:	EN 50081-1: 1992 EN61000-3-2: 2000 EN61000-3-3: 1995, A1:2000 EN61000-6-1: 2001 EN60950: 2000

Safety

Discrete Loop and its associated power supply / charger are designed for indoor use only. They contain no user-serviceable parts. **DO NOT REMOVE THE OUTER COVERS.**

The product herewith complies with the requirements of Directives 89/336/EEC; 1995/5/EC and 73/23/EEC; 1995/5/EC and carries the CE-marking accordingly.

Fully compliant to EN60118-4.

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