

Proximity/local loop amplifier

# DCL20

DCL20-K is an induction loop kit which enables to equip reception desks or counter. This system enables to meet equal opportunity standards and to respect IEC-60118-4 standard requirements. The kit is designed to provide accessibility to hearing-impaired people who own a hearing-aid with « T » position.

The amplifier is designed to be discreetly fixed under a desk or a counter. It includes two inputs, settings and LED which shows the existence of the power block and the loop power.

The provided kit includes the induction loop amplifier, a microphone, a loop, a power block and 3 « adapted for hearing-impaired area » stickers. The device includes an audio processing which enables to have an automatic sound recording level enslavement avoiding loud and sudden noises.



- Supplied with complete kit
- 2 inputs : 1 micro/line and 1 line
- Phantom power
- Power supplied
- Functioning indicator
- Output protection and control
- Small size (92x52x18mm)
- > 2A peak current capacity
- Compressor and noise blander
- Output power mode

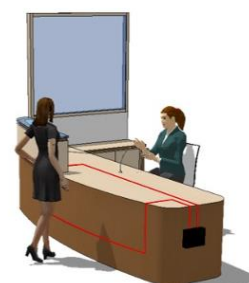
**INCLUDED :**

- DCL20 amplifier
- Power block
- Surface microphone
- Loop with RJ11 connections
- RJ11 adapter -> Phoenix terminal block
- Fixing sticker clip for loop
- 3 « adapted for hearing-impaired area » stickers



Input	
Audio input	2 (1 micro or line input and 1 line input)
Type	Micro jack 3,5, terminal block
Phantom	4,5V1mA
Power	
Caractéristiques	12V DC1,5A
Type	Separated power block
Voltage	230V50/60Hz
Power	20Wmax
Fuse	Thermal
Audio processor	
Compressor	Variable 1 : 1 à 20 :1
Etching	10mS
Lowering	Automatic 500mS or 1500mS
Noise reduction	Limited bandwidth for 8 KHz total gain, 16KHz -6dB
Dynamic	>60dB
THD	<0,5%

Output	
Type	Current
Loop impedance	0,1 Ohm to 10hm
Peak current	3,5A
RMS Power	1,5A à 1 KHz
Protection	Thermal, short-circuit and start
Size and weight ( mm)	
DCL20	92 x 52 x 18 (L x H x P)
Packaging	190 x 190 x 50
Weight	0,850kg



**KIT**

**DCL20-K**  
**Kit for counters**



The DCL20-K is an induction loop kit that can be used to equip counters or reception desks. The set is designed to offer accessibility to hearing-impaired people equipped with a T-position hearing aid.

**DCL20-E**  
**Kit for counter with headphones**



The DCL20-E is an induction loop kit that can be used to equip counters or reception desks. The set is designed to offer accessibility to hearing impaired people equipped with a hearing aid with the T position but also for non-hearing instrument hearing aids though the OP-E headphones.

**DCL20-K1**  
**Kit for counters**



The DCL20-K1 is an induction loop kit with a gooseneck microphone that can be used to equip counters or reception desks. The set is designed to offer accessibility to hearing-impaired people equipped with a T-position hearing aid.

**DCL20-TV**  
**Kit for TV rooms**



The DCL20-TV is an induction loop kit that can equip TV lounges. The set is designed to offer accessibility to hearing-impaired people equipped with a T-position hearing aid.

**DCL20-SA**  
**Kit for 50m<sup>2</sup> rooms**



The DCL20-SA is an induction loop kit that can equip small rooms. The set is designed to offer accessibility to hearing-impaired people equipped with a T-position hearing aid.

**OPTION :**

**OP-Toslink** - Coaxial Analog Optical Digital Audio Signal Adapter 5v



Option

## OP-M

### Low-cost microphone

Miniature surface microphone for DCL20.



## M-72

### Micro col de cygne miniature

Le M72 est microphone col de cygne miniature dernière génération qui dispose d'une annulation de bruit ambiant.

Le M72 est adapté pour une utilisation dans un environnement bruyant.



## MCC01

### Gooseneck microphone

MCC01 is a gooseneck microphone which includes an ambient noise cancellation. MCC01 is adapted for an use in noisy environment.



## MATLOOP

### Mat with integrated loop

MatLoop is a 600 x 600 mm mat including a magnetic loop for hearing-impaired people who own hearing-aid with T position reception. It is connected to an induction loop amplifier such as DCL20 in order to provide to your visitors an effective audio assistance.



## WALL

### Pictogram with integrated loop

AE97 is a loop which is integrated in a panel with a pictogram. It enables to be fixed on a counter when the furniture is made of metal for example. Ideal to equip a cash register in a supermarket.

Size : 205 x 205 x 5,4 mm



## AE96

### PCB Loop panel

AE96 is an induction loop integrated in a PCB. It is designed to work with DCL20 or STS-A31. The antenna must be positioned within 140 mm of the user's audio prothesis. The antenna can be fixed thanks to double-sided tape or two screws thanks to holes provided to the purpose.



Option

## OP-E

### Optionnal earphone

OP-E is an optionnal earphone for proximity amplifier such as DCL20-K. It enables to provide an auditory accessibility to people without hearing-aid.



## AL12-15

### 12V power block

12V 1 5A power block for DCL20.



## IL-RX20

### Loop receiver

The IL-RX20 receiver is a compact magnetic induction loop listening device. It can be used in different situations:

- To determine if an induction loop is working properly
- For hearing impaired people who do not wear a hearing aid
- For hearing aid wearers who do not have a "T" function



## OP-M80

### Gooseneck microphone

OP-M80 is an optionnal microphone for proximity amplifier such as DCL20-K. It enables to provide a clear and audible sound in all situations to people with hearing-aid.



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