

SPECIFICATION

AMPETRONIC

ILD20

INDUCTION LOOP DRIVER

The ILD20 Induction Loop Driver has been designed by Ampetronic for use in specialised applications.

The ILD20 is intended for Service Counter / Ticket Counter / Banking Counter market. It can also be used in a "Confessional" environment with the use of a special loop arrangement.

Furthermore, it can be used very effectively in small interview situations, in both normal local mode and in interview situations for interviewer / control room links.

The unit is designed to be installed in the counter situation with a special loop coil which is supplied as standard, but for other applications the unit should be used with SINGLE TURN loops of suitable wire size.

The unit can satisfy all the requirements of IEC118-4, EN60118-4, and satisfies all CE requirements for interference emission, immunity and safety.

NEW: ILD20DC

A purely DC powered version, operating on 12V is now available for mobile applications.

Please contact Ampetronic for further details

5 Year Warranty

5 year warranty applies to the amplifier, but accessories such as microphones are only covered for one year from date of sale.



TECHNICAL SPECIFICATION

Microphone Inputs:

Two inputs with .35mm mono connector for electret microphones. DC powering for electret capsules. NOTE: these inputs are not designed for use with balanced microphones (with XLR connectors). A special adaptor is needed to use these microphones.

Compression (AGC):

Compression range 36dB to overload. Front panel indication. Attack and Decay time constants optimised for speech.

Loop Current:

>3 Amp Peak signal current into special coil or SINGLE TURN loop. Front panel LED, indicates current peaks.

Loop Coil:

Special coil for vertical mounting at the front edge of service counters. This coil cannot be used close to a metal panel. The coil is an open structure, having the following dimensions; 360mm wide, 320mm high, 7mm thick

Area Coverage:

The nominal area that can be covered for a rectangular loop is 20m²(210 ft²). Where the loop is long and narrow, see handbook. When metal is used in adjacent structures, significant losses may occur and a larger amplifier may be required. Please contact Ampetronic for advice.

Frequency Response:

80Hz to 5 KHz \pm 1.5dB at low level, measured as loop current. Multipole lowpass filter rapidly attenuates signals above 5.5KHz.

AC Power Input:

230 Volt AC operation 50-65 Hz. 115 V AC version available. Power consumption 15 VA Max.

Cooling:

The unit is designed such that the case acts as heat radiator.

Dimensions :

Length: 193 mm
Width: 101 mm
Height: 40 mm

Weight:

1.1Kg.

Accessories supplied

1 microphone (choice from list below).
1 Loop Coil, with self-adhesive fixings.
1 AC Input Power Cable.

CE Compliance:

The equipment meets all the applicable EMC and safety standards

Options:

Tieclip style microphone EM336
Desk freestanding microphone EM195A
Small Boundary microphone Q400
(See page 16 for microphone details)

The Complete System Capability

AMPETRONIC

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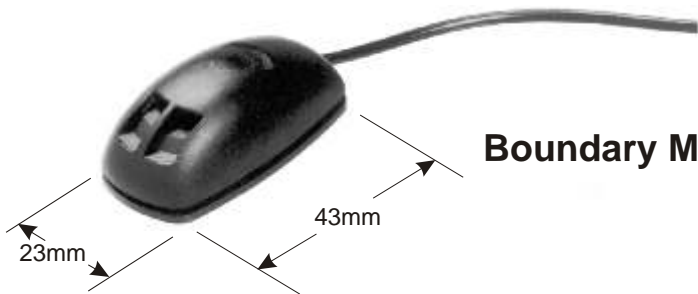
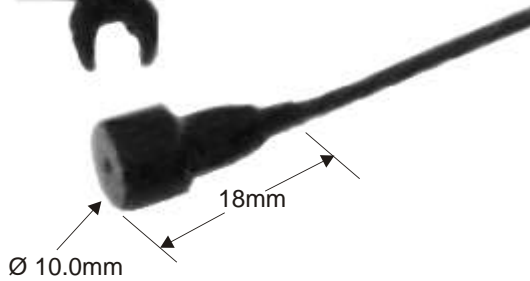
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MICROPHONES SUPPLIED AS STANDARD OR OPTIONAL



Tie Clip Microphone EM 336

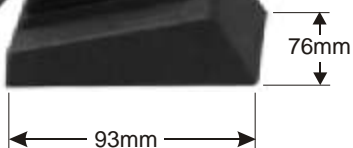


Boundary Microphone Q 400



Desktop Microphone EM 195 A

Improved / changed specification from EM 195 previously supplied.



See full data sheet for details