

# Desktop Microphone ACDTMIC

The ACDTMIC is a directional electret microphone. It is designed to be connected to unbalanced microphone inputs with bias powering such as those found on the Ampetronic ILD100 and CLD1 induction loop amplifiers. The unit is directional so it can reduce unwanted sound pickup from sources that are not in front of the microphone.

## Restrictions on usage

The ACDTMIC should not be directly connected to balanced or line level inputs. It should only be connected to inputs intended for unbalanced electret microphones with DC bias power.

### 1. Mounting

The microphone should be placed so that it points towards the wanted sound source (e.g. the receptionist at a counter) and is reasonably close to that source. Take care to ensure that the microphone does not pick up unwanted sounds when choosing where to put the unit.

### 2. Output connection

The ACDTMIC is terminated in a 3.5mm mono jack plug. This should be plugged into the microphone input of the ILD100 or CLD1. To connect the ACDTMIC to a balanced microphone input, the Ampetronic MAT1 adapter should be used with phantom power on the amplifier.

Any extension up to 3 metres total cable length should be made using a screened cable and good quality connectors. Under no circumstances should the output cable be extended beyond a total length of 3m as the extended connection would be susceptible to interference. The output via the MAT1 can be extended using balanced cables with XLR connectors without length limits



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### 3. Specification

Polar Pattern:	Cardioid
Frequency Response:	30Hz – 16kHz
Sensitivity:	-65dB
Impedance:	680Ω
Operating Voltage:	1.5V – 9V DC
Cable Length:	2.4m
Weight:	420g including cable
Dimensions:	Base diameter 84mm Gooseneck length 355mm (semi-rigid)

The ACDTMIC is manufactured in China for Ampetronic Ltd.

### Warranty Information

This product carries a 1 year parts and labour warranty which could be invalidated if these instructions are not followed correctly, or if the unit is tampered with in any way.

The 1 year warranty is dated from the time the equipment leaves Ampetronic and NOT when it is installed.

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