

Tie Clip Microphone EM-1.2

The EM-1.2 is an omni-directional tie clip microphone. It is designed to be connected to unbalanced microphone inputs with bias powering such as those found on the Ampetronic ILD100, CLD1 and DLS induction loop amplifiers.

Restrictions on usage

The EM-1.2 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. Output connection:

The EM-1.2 is terminated in a 3.5mm mono jack plug. This should be plugged into the microphone input of the ILD100, CLD1, or DLS units.

To connect the EM-1.2 to a balanced microphone input, the Ampetronic MAT1 adapter should be used with phantom power on the amplifier.

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.

2. Specification:

Sensitivity.....	-62dB \pm 3dB (0dB=1V/bar)
Impedance.....	2.2k Ω
Directivity.....	Omni-directional
Frequency Range.....	20Hz - 16kHz (optimised for voice)
Power Requirements	DC 1.5V
Dimensions.....	10mm x 18mm excluding cable
Cable Length.....	3m, screened flexible cable
Cable Connector	Mono 3.5mm jack
Colour.....	Black
Weight	50g including cable

3. Contents:

EM-1.2 microphone with wind-shield and tie-clip attachment.



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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.

The EM-1.2 is manufactured in China.

Ampetronic Ltd

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