

Technical Data Sheet

MICROPHONE COMBINER

20-345 EMO E345 MICROPHONE COMBINER

DESCRIPTION

The EMO microphone combiner provides an economical method of feeding two microphone signals to one input in applications when individual level control is not needed. Housed in a sturdy diecast box this microphone combiner is a valuable problem solving addition to the EMO range of professional quality microphone signal devices.

CAUTION : UNDER NO CIRCUMSTANCES CONNECT THESE PRODUCTS TO ANY MAINS POWER SUPPLY.

OUTPUTS/CONNECTIONS

XLR type are connectors wired to IEC-268 Part 12 and BS5428 Part 5/3.

Pin 1 – Ground/Earth/0V

Pin 2 – Signal positive/hot

Pin 3 – Signal negative/cold

E.M.O. Microphone Combiners combine two microphone level inputs to one microphone level output. Inputs 'A' and 'B' are transformer isolated from the output.

PHANTOM POWERING

As standard, the unit will not pass phantom power presented to the output to any of the microphone inputs. It is possible

to allow this unit to pass phantom power from the output to one or both inputs however. This is achieved by moving header plugs adjacent to the 'A' XLR to the desired settings inside the unit.

When the header plugs are placed on the two outer connections, phantom power is disabled. Swap the plugs to the inner that is marked 'A' or 'B', (on the rear of the P.C.B.), to allow phantom to be passed to the 'A' or 'B' microphone input.

PHASE REVERSE

The phase reverse switch on input 'B' may be utilized where it may be required, such as a differential signal from a closely matched pair of microphones e.g. in public address noise cancellation scenarios.

TECHNICAL SPECIFICATIONS

Input level: Maximum of +4dBm at 30Hz

Frequency response: 20Hz to 20kHz +/- 0.25dB

Dimensions: 145mm x 96mm x 50mm

Weight: 0.5kg



