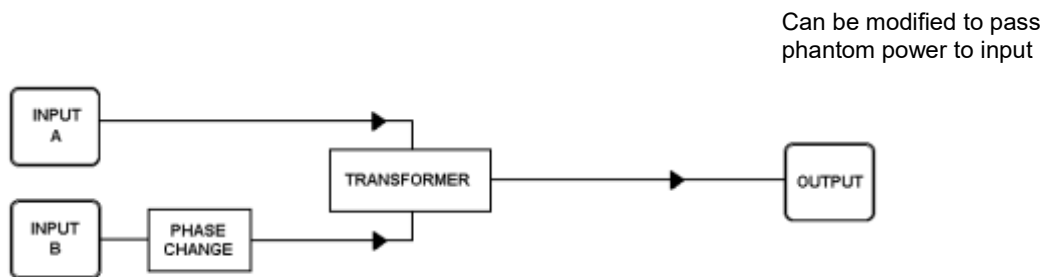


## MICROPHONE COMBINERS INSTRUCTIONS FOR USE

### 20-345 E345 SINGLE MICROPHONE COMBINER

**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 – Gnd/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. Outputs A and B are transformer isolated from the input. The Direct Output is connected in parallel with the input XLR.

### PHANTOM POWERING

As standard, the unit will not pass phantom power to any of the inputs from the output. Although the unit leaves the factory in this form, it is possible to allow this unit to pass phantom power from the output to one or both of the inputs. This is achieved by moving the header plugs adjacent to the "A" XLR (within the unit) to the desired settings.

When the header plugs are placed on the two outer connections, the phantom is disabled. Swap the plug to the inner that is marked "A" or "B" (on the rear of the p.c.b.) to allow phantom to be passed to "A" or "B".

### PHASE REVERSE

The phase reverse switch may be used by systems that may require a differential signal from a closely matched pair of microphones e.g. in public address noise cancellation scenarios.

### TECHNICAL SPECIFICATIONS

Frequency response	20Hz to 20kHz +/- 0.25dB
Input Level	Maximum of +4dBm at 30Hz