EMO by Canford

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MICROPHONE SPLITTERS

20-325 EMO E325 MICROPHONE SPLITTER 1 channel, 3 way, free standing
20-335 EMO E335 MICROPHONE SPLITTER 1 channel, 3 way, panel mounting
20-336 EMO E336 MOUNTING FRAME For up to 6x E335 panel mounting microphone splitter, 3U rackmount
20-337 EMO E337 BLANKING PANEL For E336 mounting frame
20-340 EMO E340 MICROPHONE SPLITTER 6 channel, 3 way, 3U rackmount

DESCRIPTION

High quality passive microphone splitters suitable for broadcast, studio and public address work. Available as either a single channel free-standing unit E325, panel mounting E335, and a 6 channel 3U rackmount device E340.

All the microphone splitters have three outputs, one direct and two are transformer coupled, one of which will pass phantom power to the microphone via the singular female XLR input. The microphone splitter is fitted with two phase change switches and an earth lift switch. The panel mounting microphone splitter is suitable for permanent installation in OEM equipment, studios, OB vans, mobile sound systems, etc. A 3U rack frame is also available E336, to mount up to six E335 panel mount splitters, or less in conjunction with E337 blank panels if required.

INPUT & OUTPUT CONNECTIONS

A XLR 3 pin female microphone input with three XLR 3 pin male microphone output connectors are provided 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

The Direct Output is connected in parallel with the input XLR whilst outputs A and B are transformer isolated from the input.

PHANTOM POWERING

Both the Direct Output and Output A will pass phantom power to the input XLR. To disable this facility on Output A, remove the unit from its base and cut the link on the track (copper) side of the printed circuit board.

EARTH LIFT

This switch operates on Output B only. It may be useful in reducing hum problems and solving ground/earth loops in some applications.

PHASE REVERSE

The phase reverse switches may be used in combination to correct phase errors in microphones or cables. They can also be useful with on-stage monitoring systems to reduce feedback.

NOTE

If Output A or Output B is shorted to ground the maximum level reduction in the other output is 1.5dB.

CAUTION:

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

TECHNICAL SPECIFICATION

Max Input Level	+4dBu at 30Hz
Frequency Response	20Hz to 20kHz +/- 0.25dB
Dimensions	E325: 145 × 94 × 49mm, E335: 130 × 70 × 55mm, E336/340: 19" (482) × 3U (133) × 102mm including rack ears
Weight	E325: 0.56kg, E335: 0.32kg, E340: 3.62kg