

MICROPHONE SPLITTERS INSTRUCTIONS FOR USE

E325 SINGLE MICROPHONE SPLITTER

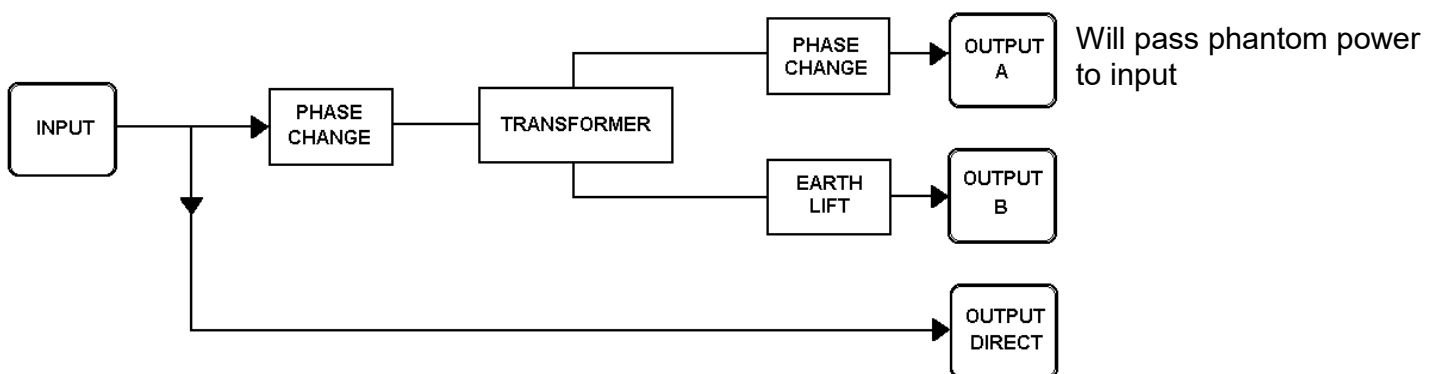
E335 PANEL MICROPHONE SPLITTER

E340 6-WAY RACKMOUNT MICROPHONE SPLITTER

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

MODELS

ALL MODELS HAVE IDENTICAL TECHNICAL SPECIFICATIONS



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 Splitters provide three microphone level outputs from one microphone level input. Outputs A and B are transformer isolated from the input. The Direct Output is connected in parallel with the input XLR.

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 leads. They can also be useful in reducing howlround in on-stage monitoring systems.

TECHNICAL SPECIFICATIONS

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

Input Level Maximum of +4dBu at 30Hz

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

NOTES

The E335 panel mounting microphone splitter is suitable for permanent mounting in OEM equipment. Where a multiple splitter is required, our E336 19" rack frame will accommodate up to six units (a complete rack is designated E340). This frame is also compatible with our direct injection panels. E337 blanking panels should be used for unfilled space if the rack frame is not fully used.