

ARTcessories™

Creative audio solutions in cool little boxes.

SPLITComPro

Microphone Splitter / Combiner

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Use the SPLITCom Pro to Split or Combine balanced low impedance microphone signals.

AS A SPLITTER: The SPLITCom Pro provides one direct-coupled output and one isolated output from a single microphone. Applications include sending the direct output to the main or FOH mixer, and the second isolated output being sent to a monitor or recording mixer. The MAIN MIC OUTPUT passes phantom power from the main mixer to the MAIN MIC INPUT for use with condenser microphones. Phantom power is blocked from passing to the ISOLATED MIC OUTPUT.

AS A COMBINER: The SPLITCom Pro provides one output from two microphone inputs. The PHASE switch can be used to invert the relative phase of the ISOLATED MIC INPUT. Applications include dual micing of percussion instruments, choirs, and instrument amplifiers. Phantom power passes through each output to their respective input, (MAIN to MAIN, ISOLATED to ISOLATED), however phantom power is blocked from passing between the MAIN and ISOLATED signal paths. Only the audio passes between the MAIN and ISOLATED signal paths (it is present on all inputs and outputs).

The SPLITCom Pro includes a GROUND switch which when in the LIFT position will provide full galvanic isolation between the MAIN MIC INPUT (& OUTPUT) and the ISOLATED MIC INPUT (& OUTPUT) to reduce noise due to ground loops between connected equipment.

Features:

- Low Distortion – Wide Frequency Response
- Two Functions In One Box – Combine And/Or Split
- Phase Invert Switch For Subtractive Combining
- Galvanic Isolation To Block Phantom-Power Between Channels and break ground loops together with the Ground Lift Switch
- Ground Lift Switch To Reduce Noise Due To Ground Loops

Specifications:

NOTE: All measurements made from ISOLATED MIC OUTPUT with PHASE switch out (NORM) and 150 Ohm balanced source feeding MAIN MIC INPUT and 1K Ohm load connected to ISOLATED MIC OUTPUT to simulate a typical “real world” microphone and mic preamplifier. 0 dBu = 0.775 VRMS.

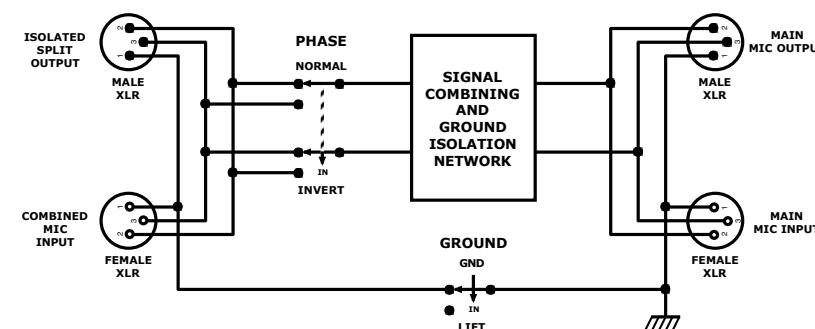
FREQUENCY RESPONSE: 20 Hz to 150K Hz, ± 0.2 dB @ 0 dBu

TOTAL HARMONIC DISTORTION: Less than 0.0007% from 20 Hz to 20K Hz at 0 dBu input

PHASE RESPONSE: Less than 10 degrees at 20 to 150K Hz (ref. 1K Hz)

TYPICAL DRIVING SOURCE IMPEDANCE: 150 Ohms

TYPICAL OUTPUT LOAD IMPEDANCE: 1K Ohms



To see the entire ARTcessories line of solution boxes, visit: www.artproaudio.com
For Customer Service, please email us at: support@artproaudio.com

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