

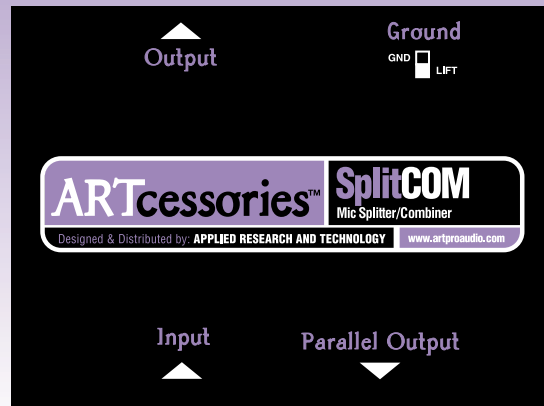
ARTcessories™

Creative audio solutions in cool little boxes.

September 2002

SplitCOM

Mic Splitter/Combiner



The Facts about Splitting and Combining Mic or Balanced Line Signals:

Say you are running two mixers at once – perhaps one for the monitor system and one for the main PA (or one for a broadcast feed and one for the PA). If a performer wants his/her mic split into a powered monitor and the PA, you will need the ability to split the signal from the source so that the signal can go both ways. It is also important that the output of the source encounters the right impedance. For example, if you simply used a “Y” adapter, signal strength and quality would be lost. For this reason, the SplitCOM professional splitter has a built-in transformer. Since you may be splitting the balanced output of an instrument amp or preamp, another consideration is “hum” caused by a ground loop. The SplitCOM splitter box also features a ground lift switch to reduce that problem.

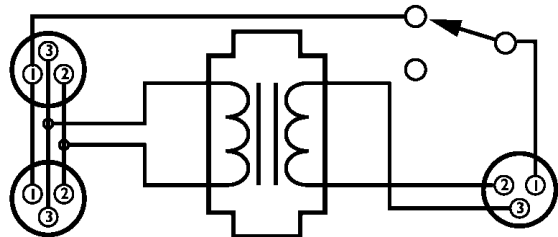
Specifications:

The SplitCOM provides professional low-Z-mic/balanced-line splitting facilities for one source.

- Balanced female XLR input.
- Transformer-balanced, 600 ohm male XLR output.
- Male XLR Thru output
- Ground lift switch
- Input/Output impedance (balanced): 600 Ohms
- Dimensions: 3.75 x 2.875 x 1.5 inches (90mm x 75mm x 40mm)
- Weight: 1lb (454g)

Usage:

- a.) Using a low-Z mic cable or balanced line cord, connect the output of the source (mic, balanced amp line out, balanced preamp line out, etc.) to the Input connector on the SplitCOM.
- b.) With two similar cables, connect the SplitCOM's Output and Thru output to the mic inputs on the mixers or other devices.
- c.) If a hum occurs, set the SplitCOM's Ground Lift switch to the "Lift" position.



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