

Order No. R800 1036 00



The MIX 2:1™ is a passive device that sums two inputs to a single mono output, making it useful for a wide range of applications. Inputs are accessed via ¼" TRS jacks or XLR connectors, with a single XLR output. Each input is equipped with a ground lift switch to eliminate buzz and hum from ground loops, and input-2 also features a 180° polarity reverse switch to help solve issues with frequency cancellation should the inputs be out of phase. Individual level controls are provided to adjust the balance between the inputs, or a level bypass switch can be engaged to simply sum the inputs together equally. The MIX2:1 is compatible with both mic and line-level signals, so you can use it to sum the outputs of a console or two passive microphones into a single preamp.

Features

- ¼" TRS and XLR inputs
- Mono XLR output
- Individual input level controls
- Completely passive, no need for power

Applications

- Sum the outputs of a console or playback device to mono
- Mix two separate audio sources
- Blend the signal from two microphones

Extras

- 180° polarity reverse on input-2
- Level control bypass
- Ground lifts to prevent buzz and hum

Dimensions (L x W x H)

- 12.7 x 8.3 x 4.7cm (5" x 3.25" x 1.85")
- Made in Canada
- 3 Year transferable warranty

INPUT TRIM - Sets the amount of attenuation applied to each input.

LEVEL BYPASS - Set & forget switch bypasses the level controls on inputs 1 and 2. When this switch is engaged both inputs are summed together equally.



ON - Individually activates each input.

180° - Used to invert the polarity on Input-2, to correct for cancellation when summing out-of-phase signals.



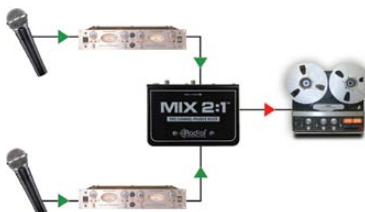
OUTPUT - Mono XLR output is balanced to feed a powered speaker, mixing console, or a recording interface.

GROUND LIFTS - Lifts the audio ground path on the XLR and ¼" inputs to reduce buzz and hum from ground loops.

INPUTS - TRS ¼" or XLR connectors are available for inputs 1 and 2.



Summing a stereo aux to a mono input
Engage the level control bypass to sum both channels at unity gain into the mono input of a powered speaker or a recording device.



Mix the output of two preamps to a single track
Combine two tracks to a single input on your audio interface. Use the 180° phase flip to ensure phase coherency between the two inputs.



Summing a stereo source to a single channel on a console
When you're short on channels, the MIX 2:1 allows you to sum a stereo output down to mono, using only one channel on the console.