

PATCHBOX II™

STEREO OUTPUT MULTIPLIER

Product Description

PatchBox II is a passive “output multiplier” that can be used to distribute the output of a professional audio mixer to the inputs of peripheral equipment. PatchBox II is ideal for feeding a mixer’s output signal into DAT recorders, digital editors, computer sound cards, cassette and reel decks, VCRs, PA systems, dubbing racks, limiters, and other audio equipment. Both professional equipment with balanced inputs and consumer equipment with unbalanced inputs can be used.

PatchBox II is compatible with any active balanced (transformerless) low impedance signal source that is ground-referenced. (Most professional mixers built since the early 1980s use this topology.)

From a stereo source, PatchBox II creates twelve stereo outputs: six balanced stereo outputs and six unbalanced stereo outputs.

PatchBox II balanced outputs, on XLR and TRS connectors, provide a unity-gain signal with a 600 ohm source impedance. PatchBox II unbalanced outputs, on gold-plated “RCA” connectors, provide a signal that is compatible with the inputs of consumer gear. Because the inputs circuits of audio equipment are normally high-impedance (bridging), any combination of outputs can be used simultaneously without interaction or signal degradation.



Technical Specifications

Inputs	Left and Right on TRS connectors Balanced, low impedance, ground referenced Any professional level, +4 dBu typical
Balanced Outputs	Level: Unity gain Load: 3K ohms or higher 2 stereo pairs on XLR connectors 4 stereo pairs on TRS connectors
Unbalanced Outputs	Level: 10 db below input level Load: 10K ohms or higher 6 stereo pairs on RCA connectors
Freq. response	DC to 50 kHz
Noise, distortion	None
Physical Construction	6.0" w x 3.5" h x 2.5" d 2 lbs. Aluminum enclosure and front panel

Technical specifications subject to change without notice.

Typical Application

