

PRESS BOX MICROPHONE/LINE MIXER DISTRIBUTION AMPLIFIER

PB2X8

The **PB2X8** provides two high quality XLR inputs, which can be individually switched or mixed into any of eight isolated line level outputs. Each input may be individually switched for microphone or line levels with phantom power and low cut filters available for the microphone inputs. A calibrated test tone oscillator can be switched in place of either input for system test and level checks.

A bargraph LED display meters any of the eight outputs or either input. The meter may be switched for 0VU indication at nominal outputs of +4, +8 or +18dBm with the top position an effective headroom indicator. A headphone output follows the meter selection for audible monitoring.

Each of the eight outputs is a separate, independent and isolated amplifier channel which may be switched to the A input, the B input or to the A+B sum to mix both inputs. Each output channel has its own level control and a transformer balanced and isolated XLR output at full line level. In addition, alternate output positions provide either a 1/4 inch or a 3.5mm TRS jack with an attenuated output at -10dBu. Internal jumper plugs can convert any -10 output to -50dBu. Balanced TRS (Tip-Ring-Sleeve) plugs or unbalanced TS (Tip-Sleeve) plugs may be used interchangeably. A pair of 1/4 inch TRS jacks parallels the main XLR inputs to allow convenient loop-thru connection into another PB2 X 8 for further system expansion.

- Two low noise Mic /Line inputs
- Phantom power, low cut filter
- Loop thru expansion inputs
- Calibrated test oscillator
- Switchable bargraph VU meter
- XLR, 1/4" and 3.5mm TRS jacks
- Headphone output



PRESS BOX MICROPHONE/LINE MIXER DISTRIBUTION AMPLIFIER

Technical Specifications

PB2X8

OUTPUT LEVELS	XLR: +4dBm nominal, +22dBm maximum TRS: -10dBu (.25V), balanced or unbalanced, -50dBu internally selectable.
INPUT LEVELS	Microphone: -50dBm nominal form 50 to 600 ohm mic. Line: +4dBm nominal, -10dBu internally selectable.
DISTORTION	.25% maximum THD, 30Hz to 20,000kHz at +22dBm output.
RESPONSE	+0, -.25dB, 30Hz to 20,000kHz
NOISE	Mic. Inputs: -124dBm EIN, 20Hz to 20,000kHz Line Inputs: -94dBm EIN, 20Hz to 20,000kHz
MIC FILTERS	Two pole active switched, 150Hz, low cut.
PHANTOM MIC POWER	+48VDC, rear panel switch.
HEADPHONE OUTPUT	.2W into 150/600 ohm stereo TRS headphones.
TEST OSCILLATOR	1kHz at internal buss levels equivalent to nominal input and output levels
CONNECTORS	XLR type, 1/4 inch TRS, 3.5mm TRS
SIZE	in (MM) 17 (432)W X 1.75 (44.5)H X 10.5 (267)D 15 lbs. (6Kg).
MOUNTING	Suction feet for non-slip desk mounting. Rack mounting angle brackets included.
POWER	115/230VAC +/-10%, 47 to 63 Hz, 10VA.
WARRANTY	Limited, One Year Warranty