

SONIFEX

Redbox RB-PMX4

10 Input, 4 Output Analogue Preset Mixer

Catalogue

2014-15





RB-PMX4 10 Input, 4 Output Analogue Pre-set Mixer



Category: Mixers, Source Selectors & Switchers.

Product Function: 10 mono input to 4 mono output mixer/router.

Typical Applications: Four bus mini-mixer, a multiple clean-feed generator, a 4 zone mixer for pubs and clubs and a quad stereo to mono converter.

Features:

- Neutrik XLR I/O.
- Individual input channel gain controls.
- Total flexibility for routing/mixing signals.
- Simple to use and configure.
- Front panel cover for secure applications.

The RB-PMX4 is a high performance 10 mono input to 4 mono output pre-set mixer. Each of the four outputs has a 10 way DIP switch associated with it to select which of the 10 inputs are routed to it. So, by altering the DIP switches, any of the input sources can be mixed to any of the outputs. The DIP switches are enclosed by a screw-on cover on the front panel so that the settings can not be accidentally changed for secure applications.

The RB-PMX4 has been designed for situations where a small mixer is needed for installations where it will be configured and then only altered occasionally, or never altered at all.

Uses for this product are numerous including a four bus mini-mixer, a multiple clean-feed generator, a 4 zone mixer for pubs and clubs and a quad stereo to mono converter to name a few.

The XLR-3 inputs and outputs are electronically balanced and can be wired unbalanced. Each output is individually buffered so that a short circuit on one won't affect the others.

Each input has its own gain control which is a pre-set potentiometer accessible through the front panel. This provides gain adjustment of -8dB to +18dB. This is useful for normalising consumer and professional signals to give outputs of -15dBu and 0dBu respectively.

Specification For RB-PMX4

Audio Specification

Input Impedance:	>20k Ω balanced bridging
Maximum Input Level:	+36dBu
Frequency Response:	20Hz to 20kHz $\pm$ 0.1dBu (600 Ω load, @ 1kHz)
Common Mode Rejection:	>60dBu typically
Noise:	-86dBu RMS 22Hz-22kHz unity gain, ref +8dBu
Output Impedance:	<50 Ω
Maximum Output Level:	+28dBu
Gain Range:	Adjustable -8dBu to +18dBu gain
Off-isolation/ Crosstalk:	>90dBu @ 1kHz
Distortion:	<0.01% @ 1kHz, 0dBu to +26dBu

Connections

Inputs:	10 x XLR 3 pin female (Balanced, can be unbalanced)
Outputs:	4 x XLR 3 pin male (Balanced, can be unbalanced)
Mains Input:	Filtered IEC, switchable 110-120V, or 220-240V, fused, 6W maximum
Fuse Rating:	Anti-surge fuse 100mA 20 x 5mm (230VAC) Anti-surge fuse 250mA 20 x 5mm (115VAC)

Equipment Type

RB-PMX4:	10 input, 4 output analogue pre-set Mixer
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Physical Specification

Dimensions (Raw):	48cm (W) x 10.8cm (D) x 4.2cm (H) (1U)
Dimensions (Boxed):	58.5cm (W) x 22.5cm (D) x 7cm (H)
Weight:	Nett: 1.5kg Gross: 2.2kg Nett: 3.3lbs Gross: 4.8lbs

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