

Mixing Amplifier MR102

Description

The MR102 mixer is a ten input, two output, fixed gain, line level mixer, housed in a 1U, 19" rackmount case with integral mains power supply. The unit is designed to enable any input or output to be connected to unbalanced equipment without affecting overall gain.

Features:

Inputs - Ten electronically balanced, high impedance inputs, which can be operated in stereo or dual mono mode. Inputs are via rear panel mounted XLR connectors. The five stereo inputs are mixed onto a stereo output bus.

Outputs - Two electronically balanced, low impedance outputs. Each output has independent gain adjustment of +6dB/-14dB, which enables the mixer to drive domestic equipment directly. The outputs will drive both balanced and unbalanced circuits without affecting the gain of the other output.

Connectors - All audio inputs and outputs via 3 pin rear panel XLRs.

Options - Transformer Balanced Outputs.

Applications:

The MR102 has been designed to provide the user with a method of mixing several line level sources. Applications include cue feed mixing, the combining of outputs of several audio machines, or the mix down of multiple computer assisted playout machines to one mixing desk input.

Key Features

Ten inputs

Two outputs

Stereo or dual mono mode

Electronically balanced inputs and outputs will also interface with unbalanced equipment

Individual gain adjustment on each output



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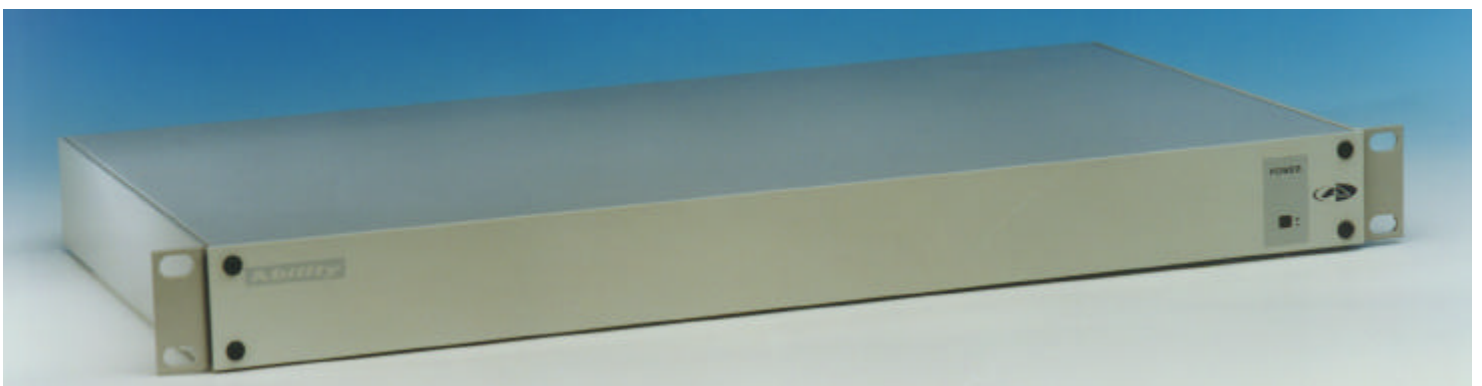
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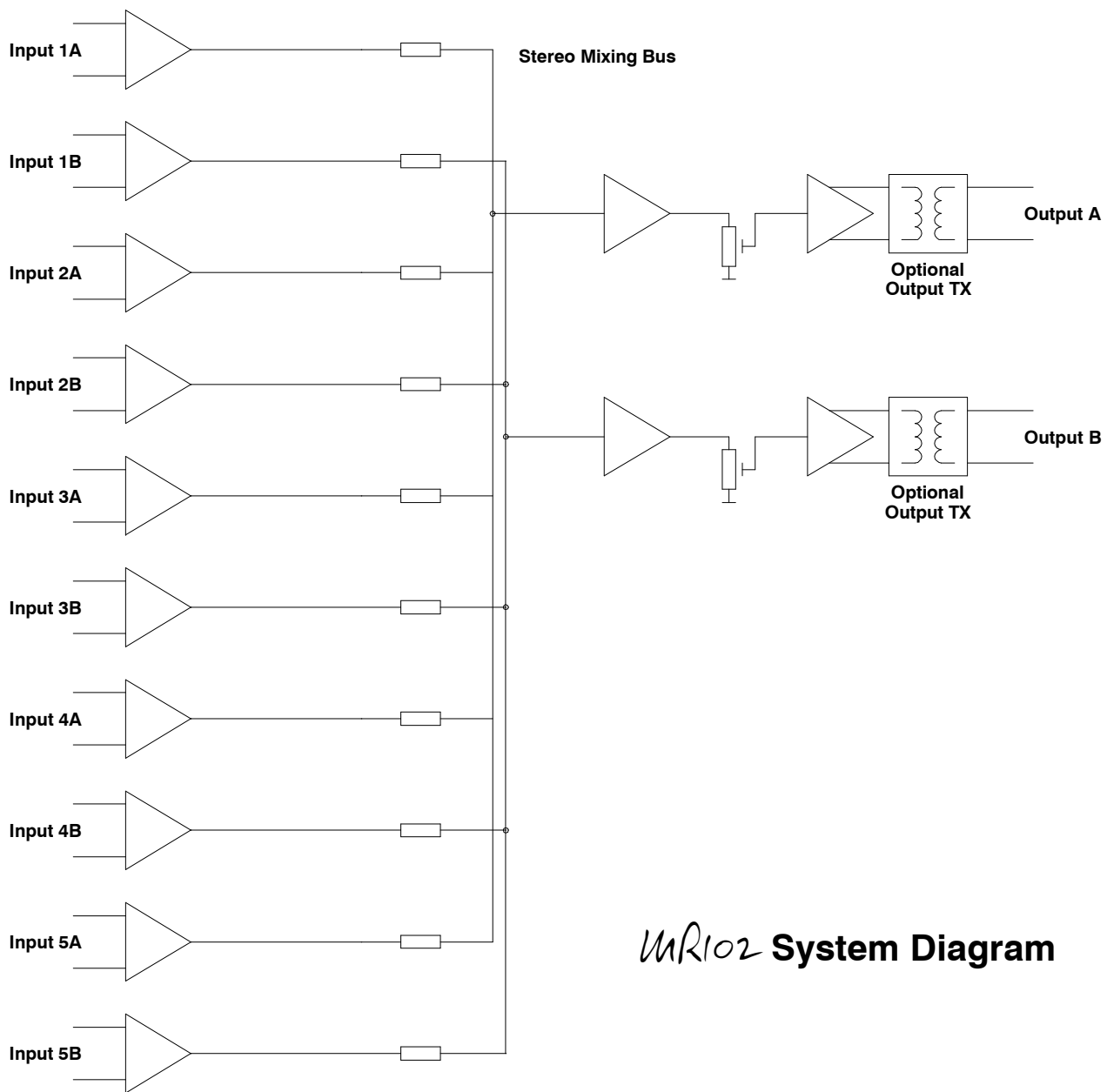
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MR102 System Diagram

Technical Specifications

Input Impedance
Maximum Input
Output Impedance
Maximum Output
Output Gain Adjust
Crosstalk
Frequency Response
Distortion (THD + Noise)
Noise
Dimensions
Power
Weight

MR102

36k ohms
+22dBu
50 ohms
+24dBu
+6dB, -14dB
<-80dB at 10kHz
∅0.5dB, 10Hz-24kHz
<0.01%, 100Hz @ +10dBu
<-80dBu peak, 20Hz-20kHz
1U (44mm) high, 245mm deep
220-240V, 20W
5kg

Specification and designs are subject to change without prior notice for the purposes of improvement. E & OE