

Workstation Mixer WM85

Description

The WM85 workstation mixer is a compact 1U 19" rackmount mixing unit with integral mains power supply. The flexible design of the mixer will enable it to be used in a wide range of configurations and applications.

Features:

Inputs - Two mono and three stereo channels, the mono channels can be internally switched for mic or line level inputs. Mic input gain is selectable via on board headers for 40, 50, 60 or 70dB of gain and an 18V phantom is available for low voltage headsets. All inputs are electronically balanced. Each channel has an associated front panel conductive plastic rotary fader which gives +10dB to "off" gain adjustment.

Outputs - Four electronically balanced output busses. Each input can be individually selected to the output busses by means of on board switches to give a wide range of setup options, for example, in a conventional mixer setup the outputs would be A, B, Mono and Clean feed. Other examples could include reverse talkback, machine record outputs, aux sends or a monitor mix.

Monitoring - 48 LED twin bargraph PPM with 1dB/LED resolution, range ± 12 dB. The PPM follows headphone selection. Front panel headphone socket with associated volume control. The headphones normally monitor outputs 1 and 2, but a front panel changeover switch allows monitoring of the internal stereo monitor bus which is user programmed by on board switches.

Connectors - All audio input/outputs are via 3 pin rear panel XLRs, 1/4" Front panel headphone socket.

Options - Input 1 fitted with a 5 pin XLR for headset use. A or B gauge headphone socket. User specific front panel screen printing.

Applications:

Due to the versatility of the WM85 mixer, it can be employed in a wide range of applications including dubbing/edit suites, interview booths, commentary positions, local sub mixers or foldback/monitor mixers.

Key Features

2 x Mic/Line Inputs

3 x Stereo Line Inputs

4 x Assignable outputs

LED Bargraph PPM

Headphone Monitoring

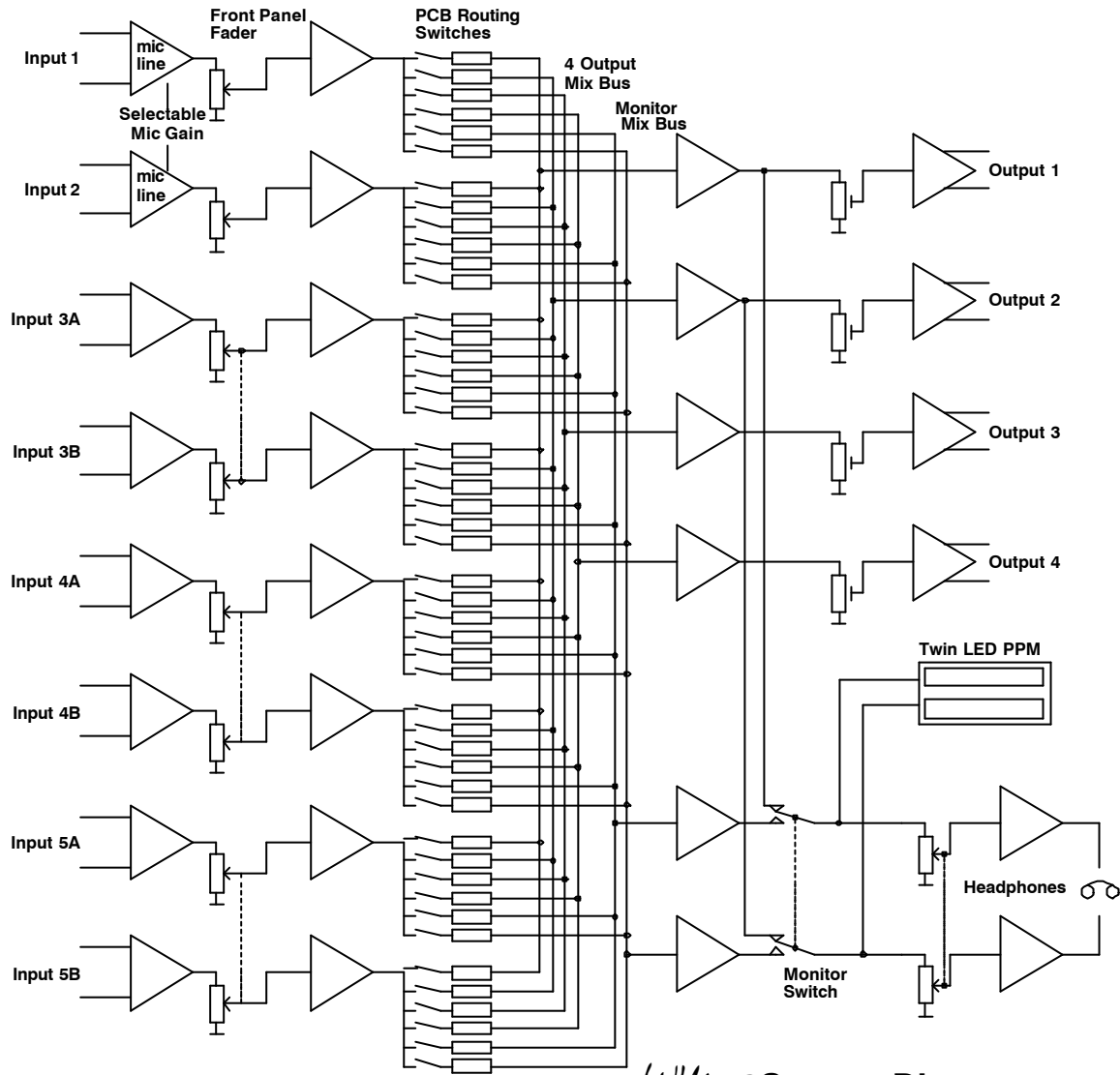
Separate monitor mix



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WM85 System Diagram

Technical Specifications	WM85
Input Impedance	Mic 1.8k ohms Line 36k ohms
Max Mic Amp Gain	70dB
Output Impedance	50 ohms
Maximum Output	+24dBu
Output Gain Adjust	+6dB, -14dB
Crosstalk	<70dB @10kHz
Frequency Response	±0.5dB, 10Hz-24kHz
Distortion (THD + Noise)	<0.01%, 100Hz-10kHz
Noise	Mic: -120dB EIN peak, 20Hz-20kHz Line: -80dBu peak, 20Hz-20kHz
PPM	48 LED, Dual Channel 1dB res
Dimensions	1U (44mm) high, 245mm deep
Power	220-240v, 20W
Weight	5kg

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