

Allen & Heath - MixWizard



Now in its 3rd generation, the legendary MixWizard range builds on its market leading status by adding a new mic preamp design and advanced grounding scheme, which both further enhance sonic quality. Other improvements include individual phantom power switches, channel signal indicators, lamp socket and backup supply capability.

Internal configuration options for channel aux sends and direct output are now on pluggable jumpers for user convenience, and the mixer is presented in a stylish new package.

Of course, the range retains its traditionally strong blend of professional features, including an all-metal chassis, individual circuit boards, nipped rotary controls, smooth 100mm faders, LED metering, as well as 6 aux sends, 4 band EQ, digital FX and expansion capability, which it inherits from its big brothers in the large format ranges. The sonic purity of the MixWizard has been further enhanced to retain its market leading credentials, a true professional in the world of compact mixing.



Dimension Audio
Unit E2
Sussex Manor Business Park
Gatwick Road
Crawley
West Sussex, RH10 9NH

Tel.: +44 (0)1293 582005
Fax: +44 (0)1293 582006
info@dimension.co.uk
www.dimension.co.uk

Technical Specifications

Operating Levels

Channels 0dBu Headroom +21dB
Mix -2dBu Headroom +23dB
Main Outputs +4dBu Headroom +22dB
Maximum output +26dBu
Mic Pre-Amp Sensitivity -60 to +10dBu
Stereo input sensitivity -16 to +20dBu

Frequency Response (20Hz-30kHz)

Mic to Main output (+40 dB) +0/-0.5dB
Line to Main output (0dB) +0/-0.5dB

Distortion at 1kHz +14dBu out

THD + Noise (mic in +40dB gain) <0.004%
THD + Noise (line in 0dB gain) <0.004%

Common Mode Rejection @1kHz

Mic Input +40dB gain >80dB
Mic Input with Pad 0dB gain >50dB

Crosstalk @1kHz

Adjacent Channel <-90dB
Mute Shutoff <-100dB
Fader Shutoff <-90dB

Noise Performance (22Hz-22kHz unweighted)

Mic EIN with 150ohm source -128dB
Residual output noise - main outputs <-95dBu
Main Mix noise <-83dBu (87dB S/N)

Connection Impedances

Mic Inputs 2k ohms
Line Inputs >10k ohms
Outputs <75 ohms

Equalisation

Gain (each band) +/- 15dB
Mono Channel Low Frequency 60Hz Shelf
Mono Channel Low Mid Frequency 35Hz - 1kHz Q=1.8
Mono Channel High Mid Frequency 500Hz-15kHz Q=1.8
Mono Channel High Frequency 12kHz Shelf
Filter (mono input) 100Hz switchable

Metering

Reading referred to Main outputs 0VU = +4dBu
Peak indication threshold 5dB before clipping

System

Lamp connectors 1 x 4pin XLR-F
Power supply Internal / MPS12 option
Power Consumption 35W Max