MIXING CONSOLES

MIDAS M32R LIVE DIGITAL MIXING CONSOLE



The M32R combines a control surface with streamlined workflow, extensive I/O and signal processing into a compact desktop form factor. Employing award-winning Midas PRO Series microphone preamplifiers and the custom-designed
Midas PRO motorised faders that are rated for one million cycles, along with a daylight-viewable TFT screen, the control surface is designed to allow immediate access to critical functions with total and automatic recall of settings. Extensive onboard I/O includes 40 A/D and 24 D/A Cirrus Logic converters, 96 bi-directional channels over SuperMAC AES50, stereo AES/EBU out, 16 channels of ULTRANET
personal monitoring and 32 x 32 channels of recording over USB.

Abundant analogue connectivity is provided by 16 Midas PRO Series digitally-controllable microphone preamps, six line-level auxiliary inputs and outputs,
eight XLR outputs, stereo monitoring outs on XLR/TRS and dual phones outputs. Each of the 16 microphone inputs can accept balanced or unbalanced mic- or line-level signals, and include switchable phantom power, 72 dB gain range and
maximum +23 dBu level before clip. A separate external microphone input and the internal talkback mic allow communication to various destinations.

Dual AES50 Ethernet jacks that employ Klark Teknik SuperMAC technology contribute 96 x 96 signals to the total count of 168 x 168 accessible sources and
destinations. Motorised faders, recallable mic preamps, programmable routing and the ability to save and recall entire scenes make set or programme changes quick and simple. A top panel USB connector enables system data to be stored,
or a board mix to be recorded directly to external flash or hard drives.

The Input section is home to eight high-resolution 100 mm motorised faders, providing control over channels 1-32, Aux inputs/USB playback/FX returns.
A separate section of eight motorised faders controls DCA groups 1-8, bus masters 1-8 and

9-16, as well as matrices 1-6. The channel editing section
provides tangible controls for instant access to the selected channel’s gain, dynamics, EQ and other functions.

A main five inch-wide, high-contrast colour display provides information for editing pertinent parameters of the active function or effect. Relevant parameters are quickly recalled to the display for editing via ‘VIEW’ buttons in each subsection. Each channel also features a small, customisable LCD screen for
track name, number, colour and source graphic.

A virtual FX rack offers eight true-stereo (16 mono) multi-effects processors, with over 60 effects models that eliminate the need for any additional outboard gear. Four high-quality effects such as delay, chorus and reverb can run concurrently
with eight channels of 31-band graphic equalisation.

Control the mixer from a distance with the free application for iPad or with editing and remote control software connected via Ethernet. The M32R’s ease of use, intuitive workflow, diverse feature set and integration with other equipment make it an ideal centrepiece for installed and production sound in any setting.



Features:

- Live performance and studio recording digital console with up to 40 simultaneous input channels
- 16 award-winning Midas PRO microphone preamplifiers
- 25 time-aligned and phase-coherent mix buses
- AES50 networking allows up to 96 inputs and 96 outputs
- 192 kHz ADC and DAC converters for outstanding audio performance
- Industry-leading design by Bentley Motors Designer
- High-performance aluminium and high-impact steel structure
- 40 bit floating point digital signal processing
- 8 DCA and 6 mute groups
- 8 digital signal processing effects engines
- 17 Midas PRO motorised 100 mm faders
- Daylight viewable 5" full colour TFT display screen
- DAW remote control emulations of Mackie Control and HUI protocols
- Optional wireless remote control with Midas Apps for iPhone and iPad
- Auto-ranging universal switch-mode power supply

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