

Big Performance, Compact Size

Lawo Introduces mc²36 in a 48-Fader Layout



Lawo's new second-generation mc²36 audio production console, an incredibly powerful yet compact mixer, is now even more capable with the announcement of a new dual-fader operating bay that allows 48 faders in the same space as a 32-fader board. This makes the new mc²36 even more of an all-rounder for theater, houses of worship, corporate, live and broadcast audio applications - wherever ultra-high audio performance in close quarters is demanded.

With DSP more than doubled from its predecessor, the new mc²36 with built-in A_UHD Core functionality offers 256 processing channels, available at both 48 and 96 kHz, and natively supports ST2110, AES67, RAVENNA, and Ember+. It provides an I/O capacity of 864 channels, with local connections that include 3 redundant IP network interfaces, 16 Lawo-grade mic/line inputs, 16 line outputs, 8 AES3 inputs and outputs, 8 GPIO connections, and an SFP MADI port.

Operating and visualizing features include Button-Glow and touch-sensitive rotary controls, color TFT fader-strip displays, LiveView video thumbnails, and super-precise 21.5" full HD touchscreen controls. Its built-in full loudness control is compliant with the ITU 1770 (EBU/R128 or ATSC/A85) standard, featuring peak and loudness metering which can measure individual channels as well as summing busses.

The new mc²36 offers seamless integration of third-party solutions like recording systems, effects engines, and other systems running on external PCs, into its user interface. Applications display right in the console's screen, while console keyboard, touchpad and touchscreen provide control.

Last but not least: mc²36 offers best-in-class integration of Waves SuperRack SoundGrid, providing operators with access to Waves' extensive plug-in selection of real-time signal processing alongside the console's internal processing engine - no additional screens or control devices required.

Moving the mc²36 to the A__UHD Core means that all developments in the future will happen on a single, unified platform, and Lawo continues to provide production file compatibility between all mc² consoles. For instance, a production file from an mc²36 can be used on an mc²96 for post-production — opening the door to a whole new level of performance.

The new mc²36 is based on Lawo's A__UHD technology and includes Lawo's innovative new IP Easy functionality that makes IP setup as simple as analog. IP Easy, based on Lawo's innovative HOME management platform for IP-based media infrastructures, makes connecting IP audio and I/O devices as easy as if they were baseband – the console automatically detects new devices and makes them available at the touch of a button. IP Easy even manages IP addresses, multicast ranges, and VLANs, and includes security features like access control and quarantining of unknown devices to protect your network.

HOME is natively built on a cloud-ready microservices architecture, enabling users to connect, manage and secure networked production setups from the ground up. Furthermore, it provides centralized access and control for all Lawo gear within a setup. HOME helps broadcast professionals address some of the most demanding requirements of modern IP infrastructures, including automated discovery and registration of devices, connection management, flow control, software & firmware management, scalability and security.

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