

Update your performance:

Extra Faders option, Loudness Metering and AMBIT for mc²66 MKII consoles.



More individuality:

New Extra Faders layout option offers additional faders for the Central Control Section.

When does a mixing console really become your console? It's simple: it must be optimally adapted to your workflow and your personal requirements. For precisely this reason, we are presenting a new control surface option that provides 8 additional faders. However, you can still choose between the classic layout and the new Short Control fader panel in the Central Control Section. Two new user panels, Screen Control and Reveal Surround Fader, complement the Extra Fader option; these can be positioned flexibly within the console layout.

Being required for efficient workflow, all the classic functions, including a joystick panner, bus assignment, and 12 user buttons, have been retained within the Screen Control user panel. Both the Short Control fader panel and the two user panels interact with a new GUI page on the touchscreen, for the control of functions such as strip assignment. And what about breaking out your surround channels? The new control surface variant even offers this function, thanks to the Reveal Surround Fader user panel.

Key features of the Extra Fader option:

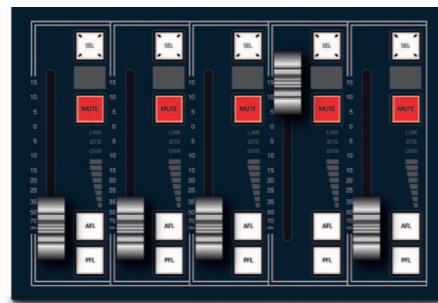
- 64 fader width now possible in OB vans, thanks to space saving construction
- Maximum fader density; only 62 mm for trackball and control buttons
- Special Reveal Surround Fader user panel



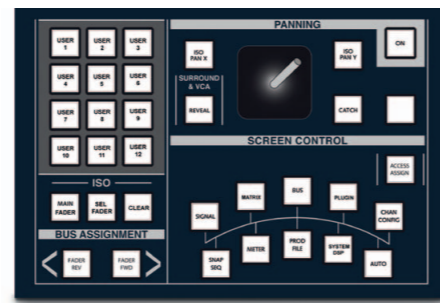
Extra Faders Option, Central Control Section



Short Control Fader Panel



Reveal Surround Fader User Panel



Screen Control User Panel

World's first in mixing consoles:

Loudness Metering from Lawo.

You change channels, the picture changes — and unfortunately so does the audio loudness. Even during a single programme, this “Loudness War” is an annoying phenomenon. The result: TV viewers, time and time again, have to grab the TV remote between programmes, in order to modify the audio level to their personal listening preference.

So that loudness adjustment need no longer be left to the end user, the ITU has developed the BS.1770-1 standard, which enables loudness to be measured using objective criteria. This was, over the last two years, a starting point for the EBU and ATSC to define a uniform standard for loudness metering in the USA and Europe. Based on these new standards, Lawo has incorporated loudness metering in their mixing consoles which, for the first time, is now available for all mc² series consoles. The benefit for TV viewers: a uniform audio feed without irritating jumps in loudness, and sound that provides a subjective listening experience.

The Lawo Loudness Metering, which can be combined at any time with the True Peak display, allows for loudness metering of any individual channel in Momentary or Short-Term mode, with each main output facilitating the integration of loudness over time. Furthermore, Loudness Metering throughout a complete production can be displayed in the GUI header; preset functions enable direct access to the EBU R128 or ATSC A/85 standards.

Key features of the Lawo Loudness Metering:

- Uniform audio output without irritating loudness jumps
- Complete loudness control according to ITU-R BS.1770-1 (EBU R 128 or ATSC A/85) standards
- Metering of individual channels in Momentary or Short-Term mode
- Perfect overall control via a permanent display on the GUI
- Conventional peak metering is still accessible
- Available for all mc² series consoles from software release v4.14



GUI Loudness Metering



Improved Sound:

AMBIT is a new DSP module for surround channels.

AMBIT, a newly developed DSP module that guarantees the perfect conversion of stereo signals to surround sound, is now available. Inconsistent productions involving format changes are now a thing of the past.

Enabling the creation of exceptionally authentic soundscapes, but using only a few parameters, an AMBIT upmix enables the development of homogenous 5.1 sound — the perfect tool for modern surround productions. The reason for these outstanding features: AMBIT is based on a set of high-quality and brand-new algorithms. Thanks to innovative parameters, such as Auto Centering for the front channels, the upmix algorithms adjust themselves automatically while offering a stable image that is true to the original, even if the source material changes. And to top it all: AMBIT offers you extremely low latency and the outstanding DSP redundancy that is standard with Lawo products.



AMBIT's key features:

- AMBIT module includes Spatialize and Upmix functions
- Outstanding surround sound
- 100% downmix compatible
- Low latency
- Lawo signal path with full redundancy
- Flexible use for inputs, groups or sums
- Innovative front processing, including auto centering for different source material
- Integrated with production data and/or snapshots
- AMBIT is freely available to all mc² customers from software release v4.12



AMBIT Maindisplay

Lawo AG

Am Oberwald 8, 76437 Rastatt, Germany
+ 49 7222 1002 0, Fax + 49 7222 1002 7101
info@lawo.de, www.lawo.de

Networking Audio Systems

