DirectOut MADI4.SRC.IO & PRODIGY.MX Upgrade

DirectOut, the German manufacturer of Audio Solutions for broadcast, studio, live and installed sound applications, is delighted to announce shipping of the MADI4.SRC.IO and MADI4.IO modules for the PRODIGY.MX system. These innovative modules are designed to extend audio processing and connectivity.

In January, the company announced the first major upgrade to the PRODIGY.MX, which was unveiled at the NAMM Show 2024 and ISE 2024. The PRODIGY.MX upgrade adds a number of new features to the functionality of the current PRODIGY mainframe, available under the Advanced and Unlimited system licences. These include a 64x64 matrix mixer (MatMix), 64 flex channels with 64 IIR filters, 64 dynamics and delay plug-ins, and 64 input managers and EARS for all input channels, giving the system an exceptional level of redundancy and reliability. These enhancements enable cost-effective solutions as all features can be purchased either as single software plug-ins or in combination as part of the system licence bundles.

The MADI4.SRC.IO and MADI4.IO modules provide four MADI ports each, enabling an

impressive channel count of 256 inputs and 256 outputs at 1FS (48kHz) per module. This increased capacity provides higher performance for professional audio applications, while both modules support a variety of MADI formats for increased flexibility, including BNC coaxial, single mode and multi-mode optical, thanks to SFP slots.

The MADI4.SRC.IO module is a breakthrough innovation, providing state-of-the-art sample rate conversion (HD SRC) for all MADI inputs and outputs on board, enabling unprecedented quality and flexibility in audio processing. Both modules also offer automatic redundancy switching between MADI ports and EARS providing seamless audio switching for uninterrupted operation. The MADI4.IO module is a cost-effective option for synchronous MADI setups without the requirement for SRCs, making it an attractive choice for customers looking for competitive prices and powerful solutions. Future plans include the introduction of FastSRCs as a licensed feature.

Claudio Becker-Foss, CTO of DirectOut, commented on the introduction of the new modules and the PRODIGY.MX upgrade: "With these new developments, we continue on our path of offering innovative and flexible solutions for professional audio applications. This upgrade extends the possibilities of the PRODIGY.MX far beyond of what you typically expect from an infrastructure device. We believe these enhancements will raise the industry standards and help our customers realise their creative visions".

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