DHD.audio DX2 Compact Mixing Console

To Debut at Hamburg Open together with AoIP Processing Cores

Highlights of the DHD exhibit on Booth 107 in Hall H of Congress Center Hamburg will be a highly space efficient new desktop mixing console, new core processors optimised for IP device control and audio-over-IP, and latest-generation firmware: version 10.

"DHD's strategy is to offer the facilities studios need in a form which is easy to install, efficient to operate, physically compact and highly reliable," says Christoph Gottert, head of international sales. "Our systems are based on compact desktop consoles with integral displays that take the stress out of live production by showing exactly what operators need to know, from audio levels right through to assignable-control configurations. That approach has made our systems highly successful throughout the broadcast audio production market, in Europe and worldwide."

DHD's new DX2 is a fully featured desktop audio console designed for use wherever space is at a premium, such as newsroom desks, podcast studios, voiceover suites and video editing booths. It provides the same assistive mixing functions as other DHD consoles, including motorised faders, automix and auto level gain, and is designed for easy integration with DHD processing cores to form a complete system. The DX2 is fully compatible with all current second-generation DHD cores running version 10 firmware. It comes as a four-fader console with an optional six-fader expansion unit. A 3.5 mm output jack at the rear of the console doubles as an input which can be used to connect a smartphone for live telephone interviews.

Also on show at Hamburg Open 2022 will be the latest additions to DHD's range of audio production processing cores. DHD cores integrate elements such as control surfaces, routing and external-device interfacing into a stand-alone or distributed system. The new XC3- and XD3-cores provide full support for intra-site as well as

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multi-site IP-based device control and audio-over-IP signal distribution. They also support automated workflows and product virtualisation.

The DHD XC3 IP core is designed for use in on-air studios. It comprises two dual-core DSP modules which combine into a compact 1U. These jointly support up to 48 stereo faders, 72 stereo buses and 16 channels of AES67 IP audio. IPx expansion modules can be added to accommodate 128 channels of AES67/Ravenna IP audio in/out and up to 512 Dante channels. A companion module, the new XC3 Concentrator, allows easy interconnection of multiple DHD IPx modules, control surfaces and I/O modules.

DHD's new XD3 is a high-performance IP core for use with large mixing and routing systems. It includes support for demanding networked operations such as DHD web apps. The XD3 IP core allows fully redundant configuration and can accommodate an optional router. Up to 96 stereo faders, 126 stereo buses and 24 Gigabit Ethernet audio ports are supported by the XD3 router and IP core combination.

DHD will also be promoting the extend feature set of is new version 10 firmware. This includes enhanced security and management features, unified user management based on web apps, expanded fader and bus handling, and refinements to the DHD Toolbox configuration software.

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