Lawo for TVN-Ü8UHD

TVN LIVE PRODUCTION, a company with expertise in outside broadcast solutions, unveiled at this year's IBC in Amsterdam the TVN-Ü8UHD the most powerful TVN OB van on the European market. Equipped with cutting-edge Lawo AoIP technology, the TVN-Ü8UHD is designed to meet the demands of the most complex UHD/HDR and 3D audio live productions. This OB truck is a statement, showcasing the future of live broadcasting with a focus on flexible, scalable, and high-performance technology.

Central to the TVN-Ü8UHD is Lawo's industry-leading IP infrastructure, including VSM (Virtual Studio Manager), Lawo's IP Broadcast Control and Workflow Solution. The OB van's audio capabilities are anchored by two Lawo mc² mixing consoles: the Lawo mc²56 MkIII with a redundantly designed A__UHD core audio engine, and the Lawo mc²36 MkII All-in-One console with internal A__UHD core technology, guaranteeing seamless and fail-safe operation even during the most demanding productions.

The inclusion of Lawo's mc²56 MkIII and mc²36 MkII consoles allows for precise and flexible handling of 3D audio, Dolby Atmos, and other advanced audio formats. This capability is vital for large-scale sports and entertainment events where the highest audio quality is required. The mc²56 MkIII, with its fully redundant A__UHD core, provides an unmatched processing power of 1,024 DSP channels, offering reliable, ultra-low latency signal routing and real-time monitoring. Combined with the mc²36 MkII's compact yet powerful design, the TVN-Ü8UHD delivers exceptional audio mixing flexibility and quality, from pre-production to the final broadcast.

The Lawo IP infrastructure offers complete networked audio solutions, ensuring that multiple independent signals can be processed simultaneously. This is crucial for events requiring diverse parallel workflows, enabling HD and UHD production in tandem. Additionally, Lawo's IP technology allows for full redundancy, providing the reliability essential for live broadcasting environments.

Designed for flexibility, the TVN-Ü8UHD features an innovative multi-functional workspace. With 39 workstations across 120 m², the OB van is fully equipped to handle the complexities of today's most challenging broadcasts. The integration of Lawo's networked systems ensures that every broadcast workflow, from signal acquisition to distribution, is efficient, scalable, and tailored to the production's specific needs. The vendor-agnostic Lawo VSM broadcast control system integrates with the OB truck's broadcast equipment and offers powerful orchestration and

control over the entire production network, simplifying workflows and minimizing setup time, thus boosting operational efficiency.

As the industry moves towards more immersive audio experiences, the TVN-Ü8UHD has been designed to meet these new standards. Lawo's mc²56 MkIII is optimized for Dolby Atmos and 3D audio workflows, providing full support for the 5.1.4 monitoring setup used in the truck. With acoustically calibrated audio spaces and Lawo's state-of-the-art processing, TVN's production teams can deliver the most immersive audio experiences to audiences worldwide, whether it be for sports, concerts, or large-scale live events.

The TVN-Ü8UHD made its production debut at Europe's most renowned football tournament, where it handled multiple independent signal streams with ease, delivering UHD/HDR content to audiences around the world. With Lawo's advanced IP and audio technology at its core, the TVN-Ü8UHD is positioned to serve as the go-to mobile unit for high-profile events for years to come.

"The TVN-Ü8UHD represents a new milestone in outside broadcasting. Thanks to our partnership with Lawo, we can offer a solution that delivers unparalleled flexibility and scalability while maintaining the highest standards in UHD/HDR video and 3D audio production," said Markus Osthaus, CEO of TVN LIVE PRODUCTION. "For audio, Lawo's IP technology is at the heart of this capability, enabling us to

meet the growing demands of complex, large-scale productions.”

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