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Evertz Expands RF Routing Solutions with Compact XRU1 at IBC 2025

Compact 1RU Fan-In/Fan-Out RF Router for modern broadcast uplink and downlink operations, with integrated monitoring and control

Burlington, Canada. September 3rd, 2025 – At IBC 2025, Evertz – a global leader in broadcast infrastructure solutions – will showcase the XRU1, a 16×32 Fan-In/Fan-Out RF router in a compact 1RU form factor, engineered to meet the demands of today’s satellite and terrestrial RF workflows. Built for space-constrained rack environments, XRU1 brings high-density routing, integrated monitoring, and resilient control to teleport, broadcast center, and remote contribution operations.

Key Capabilities

- **Compact, High-Density Design** – 1RU, non-blocking 16×32 matrix for space-efficient deployments across uplink and downlink chains.
- **Dual Fan-In / Fan-Out Operation** – Distribution (fan-out) and combination (fan-in) in the same chassis for maximum flexibility.
- **Wideband RF Support** – 40–2450 MHz frequency range supports IF, L-Band, UHF/VHF, and more within a single matrix.
- **Resilient Architecture** – 1+1 redundant power supplies and frame controllers; modular, hot-swappable design for rapid serviceability.
- **Integrated Signal Visibility** – Optional spectrum analyzer with HTML5 WebGUI for input/output health monitoring and fast fault isolation.
- **LNB Power & Control** – Per-port 13/18 V DC for LNB powering and 22 kHz tone for local oscillator control, with active current protection and auto-recovery.
- **Precision Referencing** – External 10 MHz reference port for convenient frequency referencing.
- **Operational Control Options** – Local front-panel control, browser-based UI, touchscreen panels and with Evertz VUE.
- **Facility-Wide Orchestration, Monitoring, and Analytics** – Seamless integration with MAGNUM-OS Unified Control for end-to-end RF routing management, monitoring, and analytics.

“With the XRU1, we’re giving our customers a compact, high-density RF routing solution that doesn’t compromise on performance or reliability,” said Zak Alhaddad, Product Manager at Evertz. “From teleports to

broadcast centers, the XRU1 is purpose-built for space-constrained environments, delivering the flexibility of fan-in/fan-out operation with integrated monitoring and resilient control. This makes it easier than ever for operators to simplify their signal workflows for both downlink and uplink while ensuring maximum uptime across mission-critical RF paths.”

For higher I/O counts, Evertz also offers the XRF4 wideband RF router (4RU), providing Fan-In/Fan-Out configurations from 8×8 up to 64×64 with the same modular design and optional integrated spectrum analysis.

To see a live demonstration of XRU1 and XRF4 and explore how they can optimize your RF signal workflows, visit Evertz at IBC 2025 in Hall 2 Stand 2.A47 or arrange a meeting with the team at sales@evertz.com.

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About Evertz Technologies Ltd.

Evertz Technologies Limited (TSX:ET) designs, manufactures and markets video and audio infrastructure solutions for the television, telecommunications and new-media industries. The Company's solutions are used by content creators, broadcasters, specialty channels and television service providers to support their increasingly complex multi-channel digital, high & ultra-high-definition television ("HDTV" & "UHD") and next-generation high bandwidth low latency IP network environments and by telecommunications and new-media companies. Evertz products allow customers to generate additional revenue while reducing costs through efficient signal routing, distribution, monitoring and management of content, as well as the automation and orchestration of more streamlined and agile workflow processes on-premise and in the "Cloud". For more information, please visit www.evertz.com

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