



Tiger E3/E5

MPX Stereo Generator & RDS Encoder

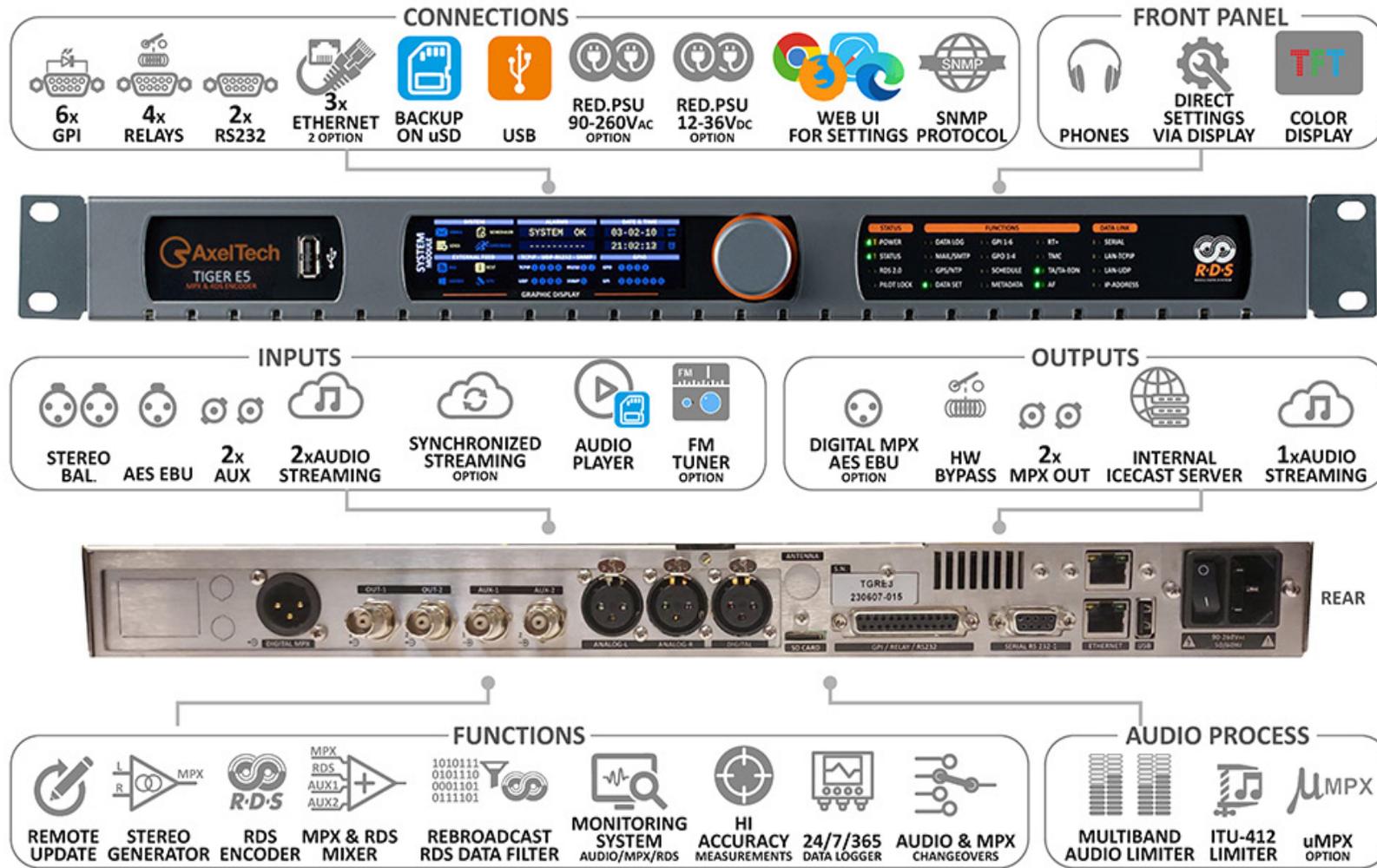
Everything You've Always Dreamed of Doing and Knowing About Your Signal!

The Tiger E3/E5 is a versatile device that has multiple functions within the broadcasting and audio monitoring domain. It serves as an MPX stereo generator and RDS encoder, an FM site control system, and a monitoring IP-audio codec for efficient and high-quality audio monitoring over IP networks. It also integrates advanced features such as audio changeover, audio limiter, MPX changeover, and an integrated FM monitoring system. Additionally, the Tiger E3/E5 includes the new TigerSync Streamer feature (optional), which allows audio distribution to FM transmitters through a simple Internet connection using IceCast.

// Tiger E3/E5



TIGER E5 - MPX & RDS ENCODER



// Overview

Connect Any Kind of Sources

The Tiger E3/E5 audio management system is capable of handling various audio sources such as analog, digital, IP audio, backup player, and MPX. It features a 4-channel audio changeover and 2-channel MPX changeover, with the ability to apply delay and time alignment to sources. The system can use the internal audio player as a backup if external sources fail and includes an internal limiter to monitor audio levels. Additionally, it offers options for MPX inputs, digital MPX, and optional tuner integration, making it a versatile solution for managing and decoding MPX and RDS signals, receiving IP audio streaming signals, and analyzing analog and digital audio signals.

Easy Access

The Tiger E3/E5 is fully configurable via a web interface that is compatible with all web browsers. It supports laptops, tablets, and smartphones with a responsive graphic interface. The device comes with a WiFi USB dongle to create a specific WiFi hotspot, and features 3 IPV4 and 3 IPV6 addresses for concurrent connections.

Easy Maintenance

Tiger E3/E5 offers simplified settings management for first-time users, including Easy Configuration Function and Quick RDS Setup. It also provides Import/Export and Preset Manager for advanced management. The device uses a uSD card to automatically copy all data and can be cloned using the uSD card if needed.

Monitoring

Tiger E3/E5 features a user-friendly GUI with clear and informative elements for easy control of functions. It displays input and output levels, as well as internally generated signals in graphical and numerical formats. The RDS section allows for on-air RDS group analysis, and the MPX section features spectrum analyzers for MPX+RDS signals. The device provides two independent listening paths for internal audio sources, with options for local and remote listening. The MPX decoder allows users to listen to the decoded L&R audio for any of the MPX sources.



The TigerSync Streamer solution by AxelTech utilizes IceCast to distribute audio to FM transmitters through a simple Internet connection. It ensures precise synchronization for audio playback through inaudible timestamp codes transmitted via the Opus codec. The system achieves an impressive accuracy of a few milliseconds in maintaining synchronization between the decoding units. TigerSync Streamer has proven itself as a powerful technology for enhancing the distribution network through a solid, precise, and low-cost solution.