PROEL

MPX5.4DSP

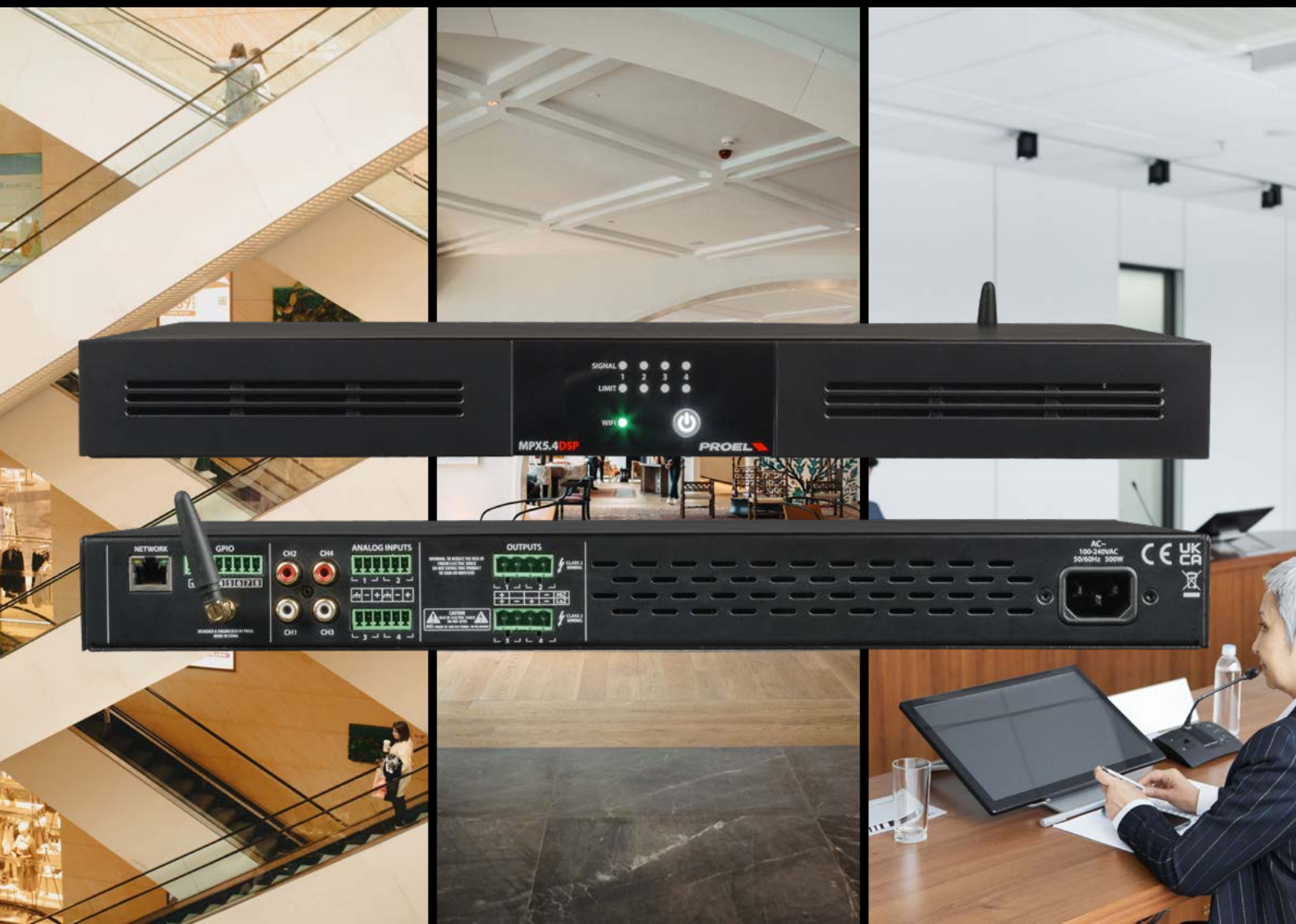
Where power meets digital intelligence.



MPX5.4DSP

**ADVANCED TECHNOLOGY, INTUITIVE CONFIGURATION,
AND TAILORED PERFORMANCE — ALL IN A SINGLE AMPLIFIER.**

The professional solution for advanced, flexible, and high-performance audio amplification.
Designed to deliver outstanding performance and maximum reliability, MPX5.4DSP is the ideal power amplifier for residential, commercial, and entertainment applications. A versatile solution combining power, advanced digital processing, and intelligent control to adapt precisely to every installation requirement.
Featuring a powerful DSP with audio matrix, multiple output power configurations, and dedicated speaker presets, MPX5.4DSP enables the creation of customized, optimized, and easy-to-manage audio systems.
Its intuitive software, fast installation, and the ability to configure each channel independently or in bridge mode provide maximum design flexibility.
Thanks to its highly flexible output architecture, MPX5.4DSP is the ideal complement to the entire PROEL LTX passive speaker range, maximizing its performance and ensuring seamle ss integration within the PROEL Sound Systems ecosystem.

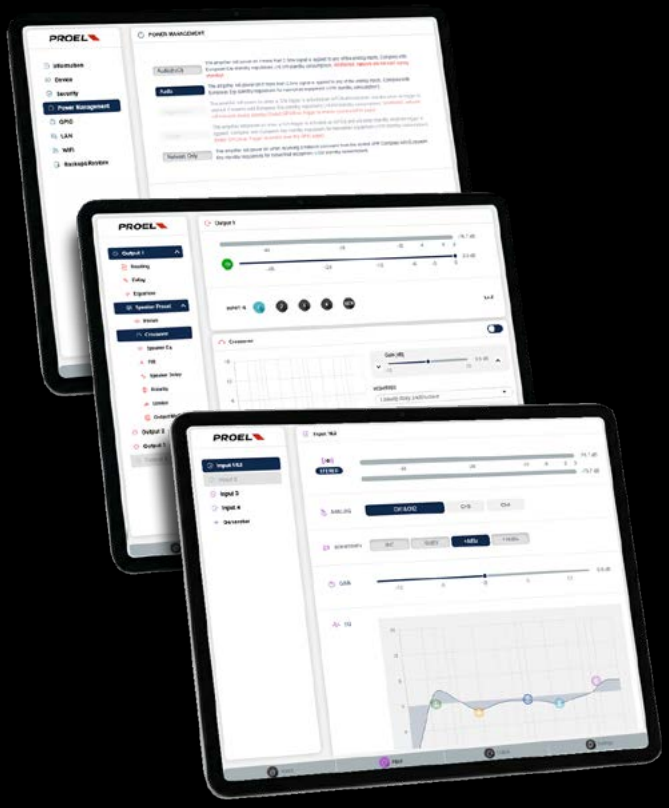


FEATURES & FUNCTIONS

- **Intuitive WebGUI control:** configure and manage MPX5.4DSP directly from any Internet browser using a computer, tablet, or smartphone.
- **TCP/IP monitoring and control:** via RJ45 connection or the built-in Wi-Fi hotspot, enabling efficient and integrated audio system management.
- **Programmable GPIO interface:** configurable inputs and outputs for integrating external controls and functions.
- **Four configurable signal inputs:** maximum flexibility in managing audio sources.
- **Four configurable power outputs:** to adapt the system to different application requirements.
- **48 kHz digital processing:** for precise, professional audio signal management.
- **Advanced full-featured DSP:** EQ, crossover, delay, limiter, and FIR filters for optimized system performance.
- **Speaker preset management:** import and export configurations to simplify installation and system tuning.
- **Configuration backup and restore:** to protect settings and simplify device maintenance.
- **Energy-saving mode:** for more efficient power consumption management.
- **Direct support for 70V/100V lines:** ideal for distributed sound reinforcement systems.
- **Advanced protection circuitry:** designed to help ensure reliable and safe operation.







ONE AMPLIFIER. INFINITE CONFIGURATION POSSIBILITIES.

With MPX5.4DSP, audio system management becomes simpler, more flexible, and more precise. From DSP parameter customization and remote control to integration into distributed audio systems, every function is designed to provide maximum configuration freedom, ease of management, and professional performance.



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