



# OPTIMOD-FM 8600S

*The clarity and punch  
of Optimod-FM 8600 processing,  
now available in a compact package.*

overview



www.orban.com

The 8600S offers Orban's flagship 8600 "MX" audio processing technology in a compact, 1 rack-unit package. The 8600S is available in two models – 8600S-FM (processing for analog FM transmitters) and 8600S-HD (processing for both analog FM and digital distribution channels). Via an upgrade kit, an 8600S-FM can be upgraded to an 8600S-HD at any time without removing the unit from the rack.

The 8600S uses a 2x40-line LCD display for basic setup functions, while serious sound designers will create custom presets via the 8600S's included PC Remote software and Ethernet connection. Compared to the Orban Optimod-FM 8500, the 8600S's MX processing provides 2-3 dB more high frequency energy, greater transient impact, and lower distortion.

## Other important features include:

- New "ratings-encoder loophrough" allows a ratings encoder to be driven from one of the 8600S's AES3 digital outputs, while its Sync Input can be repurposed to receive the ratings encoder output prior to the 8600S's built-in stereo encoder. Running the processed signal through the ratings encoder minimizes the number of "low audio level" alarms.
- 8600S can accept a 10 MHz GPS or rubidium reference input to lock the 19 kHz pilot tone frequency to the reference. This minimizes areas of mutual interference in single-frequency networks.
- Cool-running switching power supply saves energy.