

DSPXmini HD

HD Audio Processor



OVERVIEW

The four-band gated AGC, four-band program-dependent limiter and parametric bass enhancement are built upon the processing core it shares with the other models in the range. The DSPXmini-HD gives you a competitive edge-and builds listenership and revenue-by enabling you to achieve the tailored sound and loudness needed to make your station distinctive.

BW Broadcast's proven presets, as well as intuitive local and remote interfaces help you get your DSPXmini-HD on air fast. Whether you are a processing novice or expert, you'll easily achieve a signature sound for your station's format. And as you have come to expect from BW Broadcast, the compact DSPXmini-HD is designed for unsurpassed reliability and trouble-free operation in the world's most challenging installations. IT has a real-time clock for preset scheduling, preset A/B switching, graphic LCD display, serial and TCP/IP remote control interfaces, and both analogue and AES/EBU digital inputs/outputs.

FEATURES

- Analogue and Digital (AES/EBU) Inputs
- 4-Band Gated AGC
- 4-Band program dependent Limiting
- Look ahead peak Limiting
- RS232 and TCP/IP Net Interfaces for Remote Control
- Real Time Clock for Preset Scheduling
- Preset Trigger Port
- Full Range of User Presets with A/B Switching
- Security (password) Control
- Software 'FLASH' Upgradable

SPECIFICATION

Analog input	
Nom. input level	-12 to +12dBu
Max input level	+24dBu
Connectors	XLR floating,EMI suppressed
A/D conversion	24 bit 48 Khz 128x oversampled
Analog output	
Analog output	-12 to +24dBu
Connectors	XLR floating,EMI suppressed
D/A conversion	24 bit 48 Khz 128x oversampled
Digital input (AES/EBU)	
Sampling rate	32-96 KHz
Connector	Connector XLR floating,EMI suppressed
Digital output (AES/EBU)	
Sampling rate	32, 44.1, 48 KHz
Connector	XLR floating,EMI suppressed
Digital sync input (AES/EBU)	
Sampling rate	32-96 KHz
Connector	XLR floating,EMI suppressed
Remote interface	
RS232	DB9
NET/LAN	RJ45 EMI shielded
Other	
Power	85-265 VAC 50-60Hz
Size	44mm x 482mm x 200mm
Weight	1.6 Kg

Designed specifically to process HD Radio main and multicast channels, DAB, DRM and Internet streaming.

Featuring BW Broadcast's proprietary bit-rate optimized, look-ahead final limiting to keep your station's sound consistent and artefact free.



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