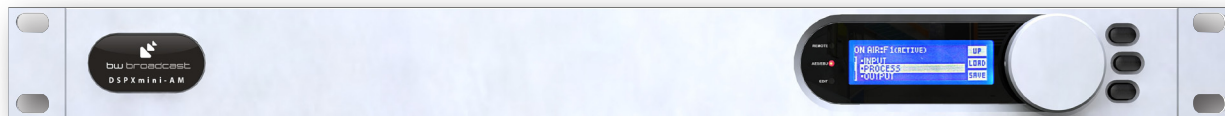


BW Broadcast DSPXmini-AM

AM Audio Processor



OVERVIEW

The DSPXmini-AM has a four-band gated AGC and a four-band, program-dependent limiter built upon the processing core it shares with all other models in the DSPX AM processor range. Parametric bass enhancement, distortion-controlled and asymmetrical clipping, tilt EQ and AM low-pass filtering further contribute to keeping your station's sound consistently loud and artifact free. The DSPXmini-AM 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-AM processor on air fast. Whether you are a processing novice or expert, you'll easily achieve a signature sound for your station's format.

FEATURES

- Analogue and digital (AES/EBU) inputs
- High pass filtering
- Adjustable low pass filtering (4 kHz - 10 kHz)
- Adjustable high frequency equalization
- 4-Band gated AGC
- 4-Band program-dependent limiting
- Anti-aliased clipping
- Adjustable clipping assymetry
- Tilt equalization
- Built-in sine/square tone generator
- Low latency
- 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	
USB	USB B connector (front panel)
RS232	DB9 (rear panel)
Remote	DB9 opto isolated and floating
NET/LAN	RJ45 EMI shielded
Other	
Power	85-265 VAC 50-60Hz
Size	44mm x 482mm x 200mm
Weight	1.6 Kg

For stations on a tight budget...

...no AM processor is better value than the BW Broadcast DSPXmini-AM.



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