

D-Series

D80DSP



D80DSP is a combination of signal processing and amplifier channels with aux DSP outputs.

Easy access control via front panel is combined with PC and iPad remote controls and wall panel for installation use.

High fidelity, high efficiency class-D power amplifier stages are powered by a switch-mode power supply.

The build-in speaker preset library for all Aura Audio speaker models with highest definition DSP processing.



Audiocore

Developed by XTA Electronics, AudioCore software gives you instant and intuitive control over all the parameters of D80DSP and D100DSP processing amplifiers.

Click on any unit's function blocks and the parameters for that function are immediately available and adjustable. All parameters can be adjusted via mouse or keyboard. Every aspect of a network of amplifiers can be controlled and monitored wirelessly.

SPECIFICATIONS

Number of amplifier channels: 4

Output Power: (per channel)

8 ohms 1000W

4 ohms 2000W

2.7 ohms 2200W

2 ohms 2000W

Output Power: (bridged)

8 ohms 4000W

4 ohms 4000W

Processing: 24bit (ADC and DAC)

Internal sample rate: 96kHz

System THD: <0.08% (2kW, 1k)

Freq. resp.: 3Hz-30kHz -3dB

Gain; Delay; Polarity; IIR EQ (PEQ, shelving, variQ, all pass, phase, notch, band pass) for each input and output (4 per output, 8 per input)

CONNECTIONS

Input connectors: 4 x XLR (two for AES)

Output connectors: 4 x Speakon

AUX DSP outputs: 4 XLR

Mains connector: PowerCon

Remote Control: USB (front panel)

Rear Panel: RS485 bus, Direct Ethernet, GPIO Port Dante Audio Network (optional) Up to 32 units can be connected into a closed control network

DIMENSIONS:(mm)

Amplifier 2U/88(h) x 482(w) x 428(d)

Weight: 10kg

Shipping weight 12kg

Shipping box: 250 x 610 x 600

