

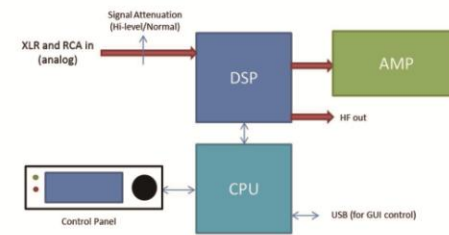
DSP-500BD Compact Subwoofer Plate Amplifier



- ✓ **Flexible inputs:** Balanced/unbalanced Analog inputs
- ✓ **Integrated DSP:** All the Processing that Subwoofer needed-XOVER, SubSonic Filter, PEQs, Limiter, Phase
- ✓ **Dedicated front panel user interface:** Complete with LED and indicator, 16 x 2 Character display, rotary encoder and navigation buttons provide intuitive means to control the system.
- ✓ **Compact Size with High Output Power:** 500Wrms @ 4oh

Technical Specifications	
Output Power	8 Ω 300Wrms
Per channel	or 4 Ω 500Wrms
Frequency Response	8 Ω 20~500Hz (±0.3dB)
THD+N	<1% @ 1kHz ,rated power
Inputs	Sensitivity 0.25Vrms
	Impedance 10K Ω
	Type Combo Jack x 2 RCA x 2
Digital Input	Coaxial
Outputs	HF output XLR3 x 2
	RCA x 2
AC Mains	115/230VAC 50/60Hz
DSP	28-/56-bit, 50 MIPS HPF, LPF up to 36dB/oct. 5 multi-slope-PEQs Compressor/Limiter Room Gain Control
Display	16 x 2 Character
Power Amp	Class-D
Power Supply	SMPS
Control Interface	USB2.0
Dimensions	W186 x H262 x D60 (mm)
Weight	1.4 kg

System Block Diagram



DSP Block Diagram

