



DX2000S DSP

DX-Series Built-in Amplifiers for PA Speaker Systems



- D class power amplifier
- Switching power supply
- Power factor corrector
- Forced cooling system
- Detachable power cord
- Input section with DSP
- USB port for DSP setting
- 3-position preset switch
- Line inputs – 2 x XLR
- Line outputs – 2 x XLR
- Output for passive loudspeaker – SPEAKON
- Line output switch: THRU/SAT (THRU – parallel connection to input, SAT – send processed signal to line output)
- Input level control
- Overload and short-circuit protection
- DC output protection
- Thermal protection
- High frequency protection

BUILT-IN AMPLIFIER

Application:

Built-in amplifier for use in stereo sets, composed of active loudspeaker with 2-channels amplifier and passive loudspeakers.

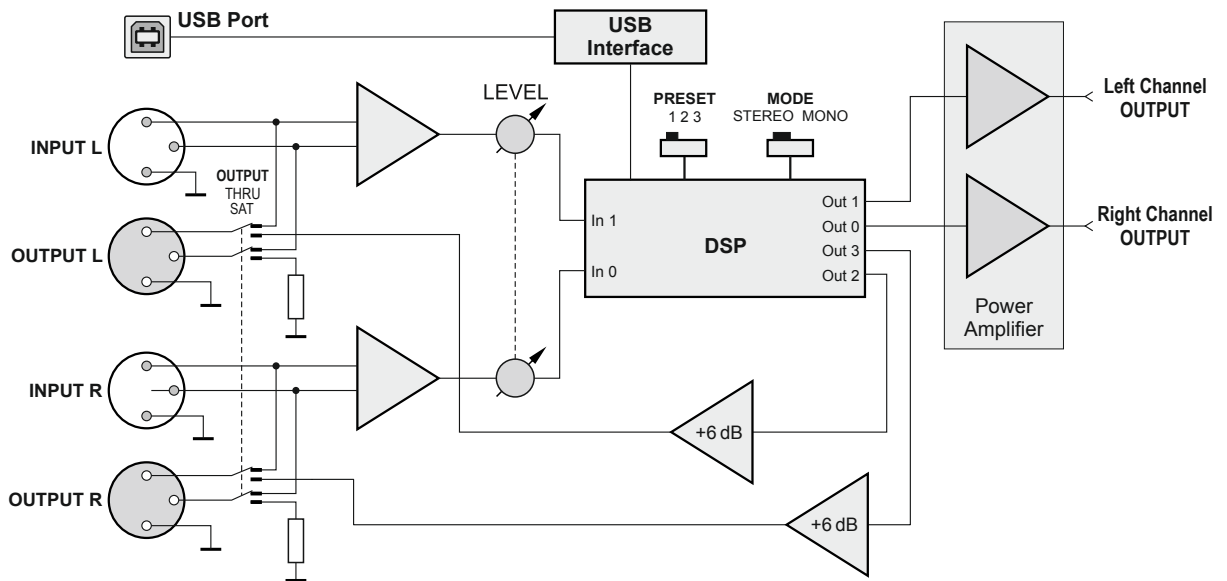
Power Rating	2 x 1000/500 W (4/8 Ohms)
Frequency Range *	45 Hz – 20 kHz
Total Harmonic Distortions	<0.05%
Slew Rate	20 V/μs
Damping Factor	200 (200 Hz, 8 Ohms)
Signal-to-Noise Ratio	98 dB (unweighted)
Sensitivity **	775 mV
Power Requirements	~160-280 V, 50/60 Hz
Weight	4.3 kg
Dimensions	198 mm x 408 mm x 104 mm

Notes.

* Determined by the DSP settings.

** Basic setting, which can be changed by DSP engine.

AMPLIFIER BLOCK DIAGRAM



MECHANICAL DRAWING

