



DX1400S

DX-Series Built-in Amplifiers for PA Speaker Systems



- D class power amplifier
- Switching power supply
- Power factor corrector (optional)
- Forced cooling system
- Detachable power cord
- Analog input section, acting as high pass filter, EQ, limiting and speaker overload protection
- Line inputs – 2 x XLR
- Line outputs (parallel to line inputs) – 2 x XLR
- Output for passive loudspeaker – SPEAKON
- Input level control
- MONO – STEREO switch
- Overload and short-circuit protection
- DC output protection
- Thermal protection
- High frequency protection
- Soft signal start

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 700 W (4 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
High Pass Filter Cutoff Frequency **	45 Hz
Power Requirements	~230 V, 50/60 Hz
Weight:	
– DX1400S DSP	4 kg
– DX1400S DSP PFC	4.3 kg
Dimensions	198 mm x 408 mm x 104 mm

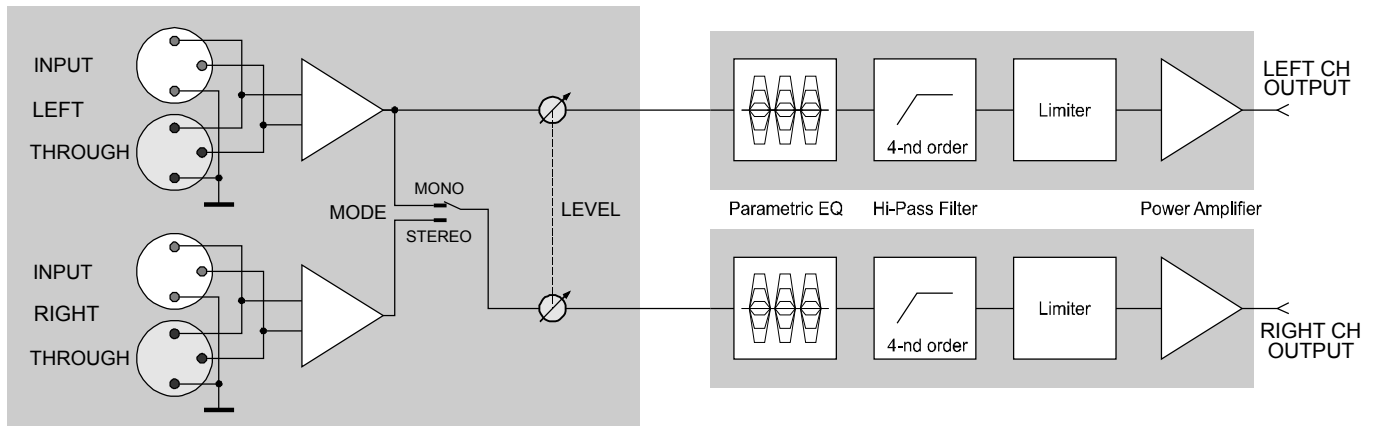
Notes.

* For mains voltage:

- ~230 V for amps without PFC;
- ~160-280 V for amps with PFC.

** Basic model.

AMPLIFIER BLOCK DIAGRAM



MECHANICAL DRAWING

