



- 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

DX700S

BUILT-IN AMPLIFIER

Application:

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

Versions of amplifiers:

*for 4 Ohms speaker impedance – DX700S-4
for 8 Ohms speaker impedance – DX700S-8*

Power Rating *:

- DX700S-4 **2 x 350/210 W** (4/8 Ohms)
- DX700S-8 **2 x 350 W** (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**

High Pass Filter Cutoff Frequency ** **45 Hz**

Power Requirements **~230 V, 50/60 Hz**

Weight:

- DX700S **3.8 kg**
- DX700S PFC **4.1 kg**

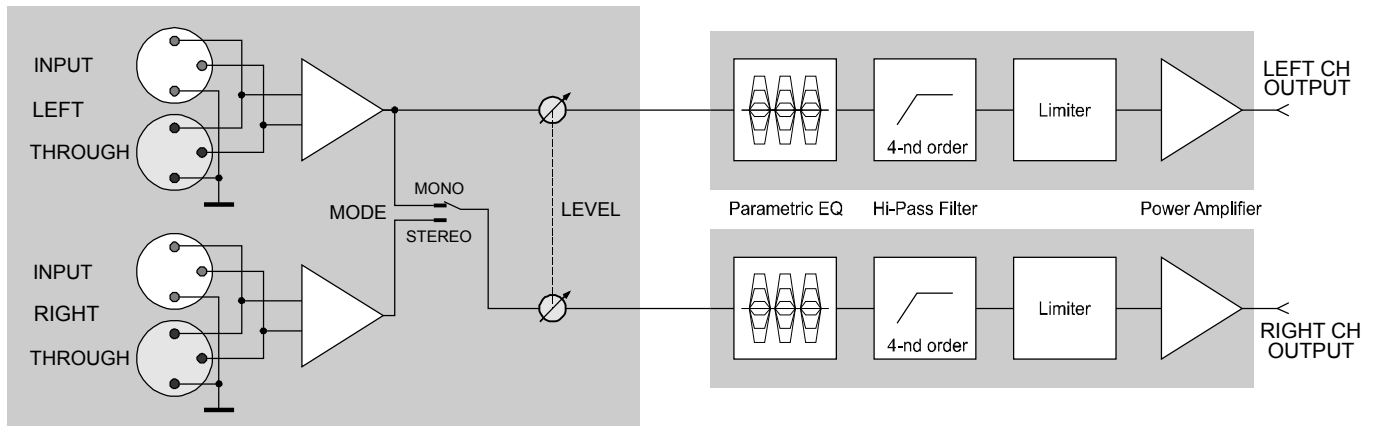
Dimensions **198 mm x 408 mm x 104 mm**

Notes.

- * For mains voltage:
 - ~230 V for amps without PFC;
 - ~160-280 V for amps with PFC.

** Basic model.

AMPLIFIER BLOCK DIAGRAM



MECHANICAL DRAWING

