



DX1000M

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, crossover, EQ, limiting and speaker overload protection
- Line input – XLR
- Line output (parallel to line input) – XLR
- Output for passive subwoofer – SPEAKON
- Input level control
- Subwoofer level control
- Overload and short-circuit protection
- DC output protection
- Thermal protection
- High frequency protection
- Soft signal start

BUILT-IN AMPLIFIER

Application:

*Built-in amplifier
for subwoofer + satellite configuration
(for installation in a satellite).*

Power Rating *:

- subwoofer channel **700/380 W** (4/8 Ohms)
- satellite channel **350 W** (8 Ohms)

Frequency Range **:

- subwoofer channel **45 – 140 Hz**
- satellite channel **140 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

HPF Cutoff Frequency **

45Hz

Crossover Frequency **

125Hz

Power Requirements

~230 V, 50/60 Hz

Weight:

- DX1000M DSP **4 kg**
- DX1000M DSP PFC **4.3 kg**

Dimensions

198 mm x 408 mm x 104 mm

Notes.

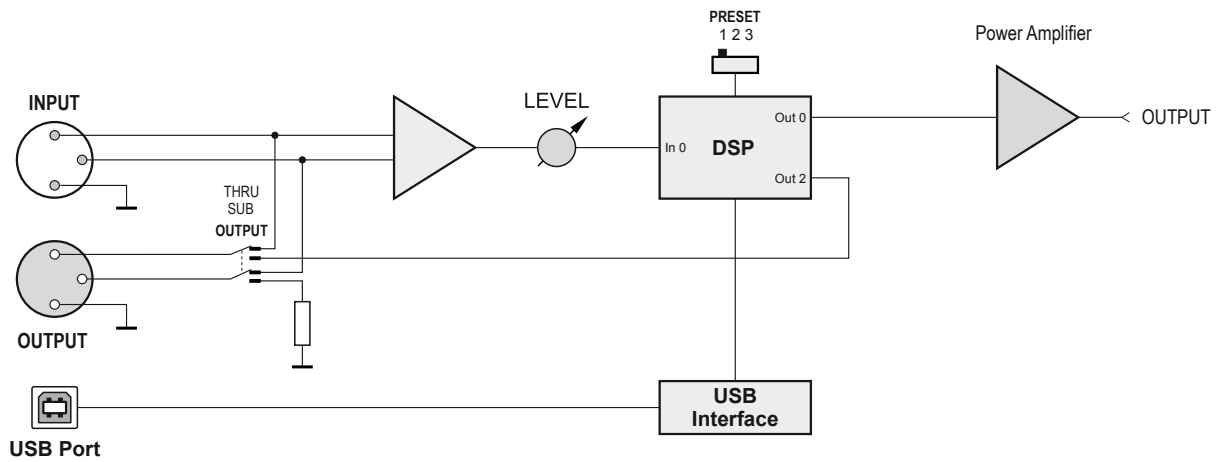
* For mains voltage:

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

** Basic model.

*** In the operating frequency range of the corresponding channel.

AMPLIFIER BLOCK DIAGRAM



MECHANICAL DRAWING

