



DX350B DSP

DX-Series Built-in Amplifiers for PA Speaker Systems



- D class power amplifier
- Switching power supply
- Natural cooling system
- Detachable power cord
- Input section with DSP
- USB port for DSP setting
- 3-position preset switch
- Polarity switch (Norm/Rev)
- Line inputs – 2 x XLR
- Line outputs – 2 x XLR
- 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

BUILT-IN AMPLIFIER

Application:

Built-in amplifier for use in low-frequency loudspeakers (subwoofers).

Versions of amplifiers:

*for 4 Ohms speaker impedance – DX350B-4 DSP
for 8 Ohms speaker impedance – DX350B-8 DSP*

Power Rating:

- | | |
|----------------|-----------------------------|
| – DX350B-4 DSP | 350/200 W (4/8 Ohms) |
| – DX350B-8 DSP | 350 W (8 Ohms) |

Frequency Range * **35 Hz – 90/110/130 Hz**

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

Weight **2.8 kg**

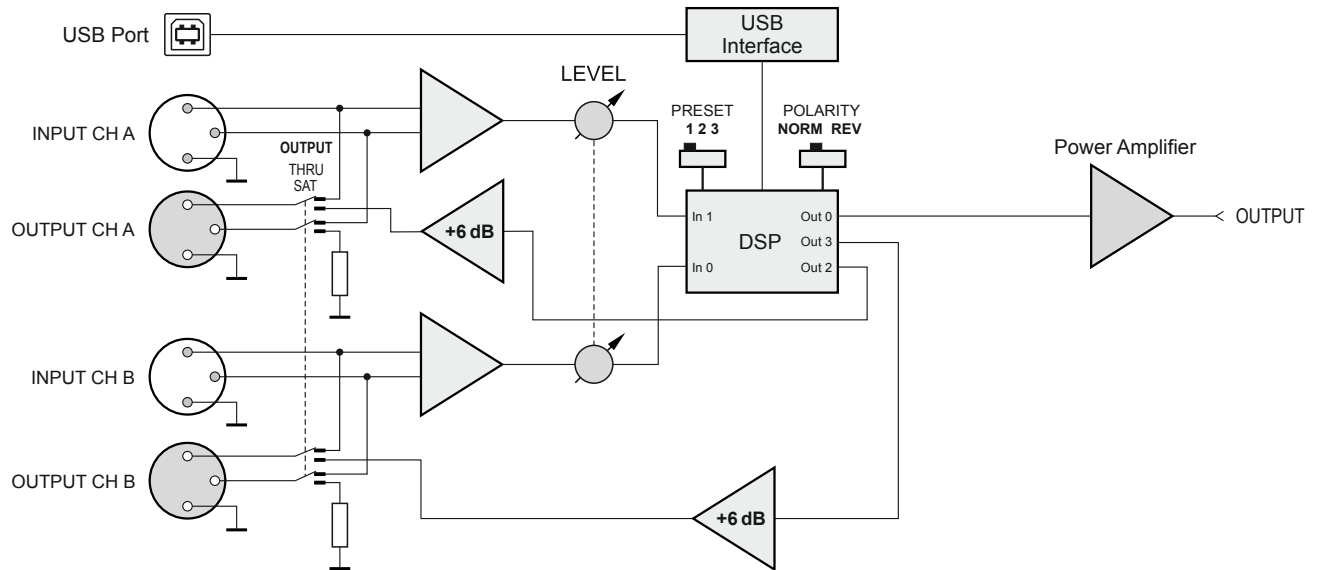
Dimensions **198 mm x 327 mm x 104 mm**

Note.

* Frequency range is defined by DSP settings.

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

AMPLIFIER BLOCK DIAGRAM



MECHANICAL DRAWING

