



# DX350B

## DX-Series Built-in Amplifiers for PA Speaker Systems



- D class power amplifier
- Switching power supply
- Natural cooling system
- Detachable power cord
- Analog input section, acting as crossover, EQ, limiting and speaker overload
- Line inputs – 2 x XLR
- Line outputs (parallel to line inputs) – 2 x XLR
- High pass filter
- Polarity switch (Norm/Rev)
- Input level control
- Cutoff frequency control (LPF)
- Overload and short-circuit protection
- DC output protection
- Thermal protection
- Soft signal start

## BUILT-IN AMPLIFIER

### Application:

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

### Versions of amplifiers:

*for 4 Ohms speaker impedance – DX350B-4*

*for 8 Ohms speaker impedance – DX350B-8*

### Power Rating:

- DX350B-4 **350/200 W** (4/8 Ohms)
- DX350B-8 **350 W** (8 Ohms)

**Frequency Range \*** **45 Hz – 350 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**

**High Pass Filter Cutoff Frequency \*** **45 Hz, 24 dB/octave**

**Low Pass Filter Adjustment Range** **80 – 350 Hz, 12 dB/octave**

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

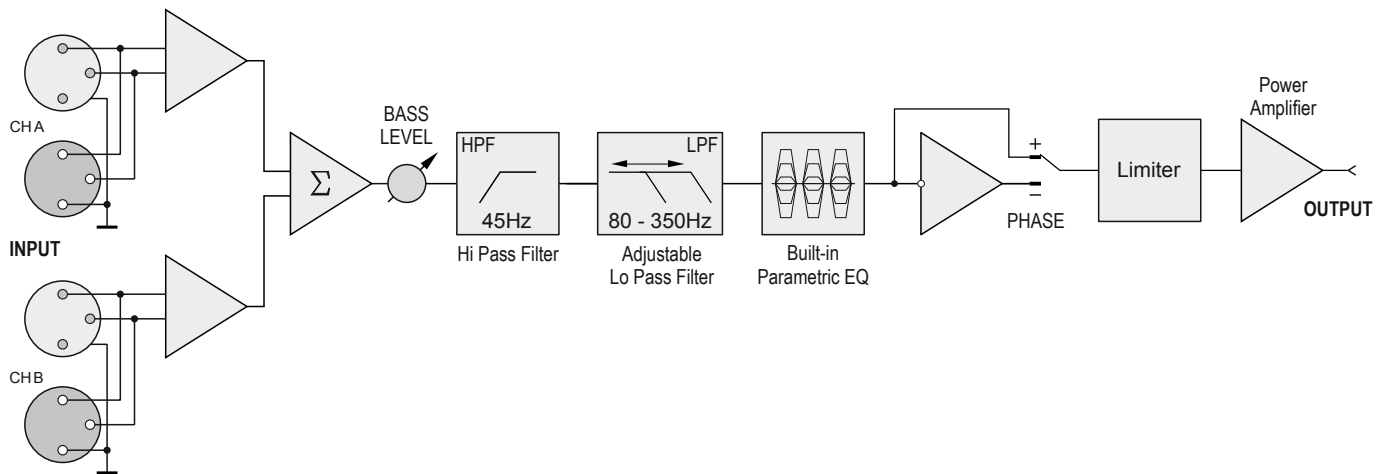
**Weight** **2.8 kg**

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

### Note.

\* Basic model.

## AMPLIFIER BLOCK DIAGRAM



## MECHANICAL DRAWING

