

DE 4380

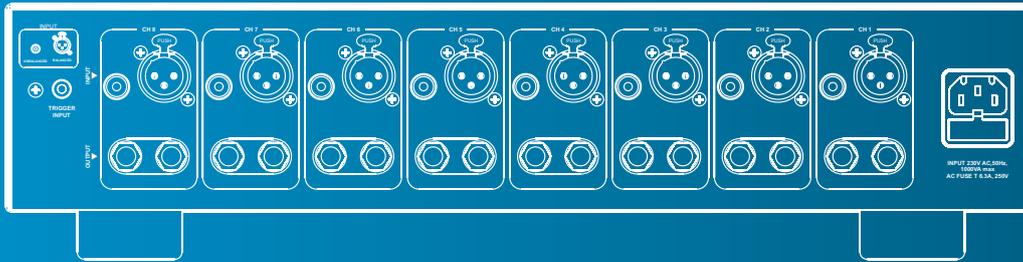
8 channel amplifier



The DE4380 is a 8 channel power amplifier that delivers 100 watt per channel at less than 0.5% THD. A compact and fan less D Class design, it runs cool and efficient. It accepts both unbalanced RCA as well as balanced XLR inputs and outputs are rugged binding posts. Both table-top and rack mountable, it is ideal for home theatre and commercial installation application



- Unclipped 100 watt RMS into 4 ohm, all 8 channels driven together, total of 800W RMS
- Class D amplifier design with 90% efficiency
- Switched-mode power supply with built-in active power factor correction and 94% efficiency, resulting in low power consumption and light weight
- Exhaustive protection - short-circuit, overload, overheat, RFI
- Auto-power on and off through signal sensing
- Both unbalanced and balanced inputs through RCA and XLR sockets, respectively
- Can be mounted on a rack
- Status and clip indicators for each channel, can be switched off
- Fan-less, convection cooled
- Brush-finish aluminium dial
- Rack-mountable
- Wide mains voltage operation - 100V to 240V



AMPLIFIER TOPOLOGY	Class D
INPUTS	8 x Fully balanced LINE input via XLR socket 8 x Unbalanced LINE input via RCA socket
SWITCHES	Power switch and status indicator on/off on rear panel
INDICATORS	Power on/standby, Fault, Over voltage, Status/Clip (x8)
OUTPUTS	Speaker output for 8 channels via touch-proof binding posts
INPUT SENSITIVITY	700mV
INPUT IMPEDANCE	22k Ω
FREQUENCY RESPONSE	20Hz ~ 20kHz, \pm 3dB
SIGNAL TO NOISE RATIO	>90dB
THD	Less than 0.5% @1kHz
CONTINUOUS POWER	100W into 4 Ω per channel, 60W into 8 Ω per channel
PROTECTION	DC at amplifier output, Power on/off surge, overheat, short-circuit, RFI
MAINS OVER-VOLTAGE PROTECTION	Yes > 260V AC
POWER REQUIREMENT	230V AC 50Hz
POWER SUPPLY	SMPS
FINISH	Chassis and cover black powder coated, aluminium dial black anodised
DIMENSIONS (HXWXD) MM	100 x 430 x 433
NET WEIGHT	8.5kg

Due to continuous improvements, all specifications are subject to change