

Amplifiers



Order number: P816002
WEEE-Reg.-Nr. DE 29323089

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Specifications

Output power RMS / max. - @ 4 Ohms Channel A - F: 120 / 240 Watts...

Output power RMS / max.

- @ 4 Ohms	Channel A - F: 120 / 240 Watts per channel
- @ 2 Ohms	Channel C - F: 230 / 460 Watts per channel
- @ 1 Ohm	-
- bridged @ 4 Ohms	-
- bridged @ 2 Ohms	-

Max. output power per channel*

Channel A - F: up to 140 Watts RMS @ 4 Ohms
Channel C - F: up to 260 Watts RMS @ 2 Ohms

Amplifier technology

Ultra HD Class D

Inputs

6 x RCA / Cinch

	6 x Highlevel speaker input 1 x Optical SPDIF (12 - 96 kHz) 1 x Remote In
Input sensitivity	RCA / Cinch 2 - 4 Volts or 4 - 8 Volts Highlevel 5 - 10 Volts or 10 - 20 Volts
Input impedance RCA / Cinch	64 kOhms
Input impedance highlevel	13 Ohms oder 64 kOhms
Outputs	6 x Speaker output 2 x RCA / Cinch 2 x Remote Out
Output voltage RCA / Cinch	3 Volts RMS
Frequency response	20 Hz - 44,000 Hz
DSP resolution	64 Bit
DSP power	295 MHz (1.2 billion MAC operations/second)
Sampling rate	96 kHz
DSP type	Audio signal processor
Signal converters	A/D: BurrBrown D/A: BurrBrown
Signal-to-noise ratio digital input	105 dB (A-weighted)
Signal-to-noise ration analog input	100 dB (A-weighted)
Distortion (THD)	< 0,008 %
Damping factor	> 100
Operating voltage	10.5 - 32 Volts (max. 5 sec.down to 6 Volts)
Idle current	2200 mA
Max. remote output current	500 mA
Fuse	3 x 20 A LP-Mini-fuse (APS)
Additional features	HEC slot, ADEP circuit, Auto Remote switch, Control Input
Dimensions (H x W x D)	50 x 260 x 190 mm / 1.97 x 10.24 x 7.48"

* In typical multi-channel applications (2- / 3-way system + rear + subwoofer)