

D2 100.4 DSP INSIDE

Class D, 4-channel amplifier with on-board DSP + 2 digitally processed line outputs

DSP with SP-DIF digital input, AUX inputs suitable for hands-free set, mobile navigation and external stereo sources

D2 100.4 DSP

Stereo power RMS @40hm	W	4 x 105 [@ 14V4] – 4 x 80 [@ 12V6] – 4 x 60 [@ 11V]
Stereo power RMS @20hm	W	4 x 130 [@ 13V8]
Stereo (CH1-2) + Bridge (CH3-4) @40hm	W	2 x 90 (ST) + 1 x 280 (BTL) [@ 13V8]
DC-DC converter typology		Unregulated – Push Pull
Input sensitivity range	V	0.75 ÷ 12 (LL); 1.9 ÷ 31 (HL) rms
Autosense power-on (High Level only)		3 modes: OFF, BTL, SE (as output, REM pin drives up to 100mA)
Hand-free, Navigator, AUX inputs		yes (CH3-4)
Auto-Fading between inputs		yes
Signal Mix capability		yes
USB cable for PC connection		yes
Proprietary DSP software		yes, for Windows O.S.
SP-DIF digital input (optical)		yes, Toslink
Parametric equalizer bands		30 (CH1-2) / 25 (CH3-4) / 9 (CH5-6)
Implemented filters type		all standard filters available
HP frequency range for each channel	Hz	10 ÷ 20000
LP frequency range for each channel	Hz	10 ÷ 20000
HP and LP filter slope for each cell	dB/Oct	6-12 [up to 60 (CH1-2-3-4) or 48 (CH5-6), if cascaded]
Band pass allowed		yes
Variable “Q”		0.5 ÷ 40
Time delay	ms	0 ÷ 15 (0.02 steps)
Phase inversion for each channel		0 / 180°
Gain level for each channel	dB	-121,5 ÷ 0
Overall efficiency		> 75%
Internal fuse	A	1 x 40
Dimensions	mm	150 x 145 x 40
Weight	g	1028
Finishing		Silver (brushed)
Optionals:		
- Remote control (RCD and RC-Mini)		
- Bluetooth streaming module (MOS-BTS) [t.b.a.]		
- Bluetooth communication module (MOS-BTM)		

NOTE: this amplifier is designed to play music on real speakers. It is not rated to drive static signals on pure resistive loads.