



D FOUR
4-channel Class AB amplifier



D ONE
1-channel Class D amplifier
with 1 Ohm stability

New HELIX D amplifiers

The new HELIX D amplifiers open new horizons in terms of price performance ratio. It is the first time that HELIX offers a lot of amplifier performance for such a low budget without neglecting the proved HELIX quality.

Both power packs convince at first sight through high-quality processing in many details. The fine brushed aluminum heatsink and the stylish HELIX-logo make these models very attractive.

Features

- High- and lowlevel input
- Smart highlevel input with ADEP circuit (Advanced Diagnostics Error Protection) and Auto Turn-On function
- Fully active crossover with highpass, lowpass, bandpass and bass boost (D ONE: additional phase control)
- Extremely stable MOSFET power supply
- Highlevel input sensitivity up to 14 Volts max.
- D FOUR: "Input mode" switch for flexible input signal routing
- D ONE: bass remote control included and Master / Slave Mode for connecting two amplifiers in bridged mode
- Massive aluminum heatsink for best cooling conditions

Major selling points

- Unparalleled price-performance ratio
- Good stability and performance
- Exclusive design with own tooling
- Comprehensive features and functions

Technical data

	D FOUR	D ONE	
Output power RMS / max.:		Normal operation (One amplifier)	Master / Slave Mode (Two amplifiers)
- @ 4 Ohms	4 x 65 / 130 Watts	1 x 200 / 400 Watts	1 x 645 / 1,290 Watts
- @ 2 Ohms	4 x 90 / 180 Watts	1 x 340 / 680 Watts	1 x 910 / 1,820 Watts
- @ 1 Ohm	–	1 x 530 / 1,060 Watts	–
- bridged @ 4 Ohms	2 x 180 / 360 Watts	–	–
Amplifier technology	Class AB	Class D	
Inputs	4 x RCA / Cinch 4 x Highlevel speaker input 1 x Remote In 1 x Remote control input	2 x RCA / Cinch 2 x Highlevel speaker input 1 x Remote In 1 x Remote control input	
Outputs	4 x Speaker output	1 x Speaker output	
Frequency response	10 Hz - 50,000 Hz	10 Hz - 250 Hz	
Bass boost	0 - 12 dB / 45 Hz	0 - 12 dB / 45 Hz	
Highpass	15 Hz - 4,000 Hz adjustable	–	
Lowpass	40 Hz - 4,000 Hz adjustable	50 Hz - 250 Hz adjustable	
Bandpass	15 Hz - 4,000 Hz adjustable	10 Hz - 250 Hz adjustable	
Subsonic	–	10 Hz - 50 Hz adjustable	
Phase	–	0 - 180° adjustable	
Distortion (THD)	0.02 %	0.25 %	
Signal-to-noise ratio	108 dB (A-weighted)	95 dB (A-weighted)	
Input sensitivity	Highlevel 1 - 14 Volts RCA / Cinch 0.5 - 6 Volts	Highlevel 1 - 14 Volts RCA / Cinch 0.5 - 6 Volts	
Damping factor	65	100	
Input impedance RCA / Cinch	30 kOhms	30 kOhms	
Input impedance highlevel	12 Ohms	12 Ohms	
Operating voltage	9.6 - 16 Volts	9.6 - 16 Volts	
Fuse	2 x 25 A Maxi-fuse (APX)	2 x 30 A Maxi-fuse (APX)	
Additional features	ADEP circuit, Auto Turn-On	ADEP circuit, Auto Turn-On, bass volume remote control	
Dimensions (H x W x D)	53 x 320 x 230 mm / 2.09 x 12.60 x 9.06"	53 x 250 x 230 mm / 2.09 x 9.84 x 9.06"	