



AMPLIFY



Built for performance. Designed with purpose.
Engineered to amplify what matters.



AMPLIFY

With the **AMPLIFY** series, **HELIX** redefines the idea of modern amplifier design – by reinterpreting classic concepts through the lens of today’s audio demands. At the heart of **AMPLIFY** lies a clear mission: maximum sound performance. Across all variants, the series delivers brilliant sound quality, extremely low distortion, and an outstanding signal-to-noise ratio – paired with fully bridgeable multi-channel outputs for maximum flexibility in real-world installations.

Thanks to a modular and scalable architecture, **AMPLIFY** is designed to grow – from value-driven everyday heroes to advanced professional tools. This is where clarity, control and acoustic precision meet. True to the principle: **Performance by Design**.

2
CORE

SERIES

**DIRECT
X-OVER
DSP**

4
ADVANCED

SERIES

**DIRECT
X-OVER
DSP**

6
PRO

SERIES

**DIRECT
DSP**

8
ULTRA

SERIES

DIRECT

AMPLIFY 2-Series: Ambition meets efficiency

The 2-Series marks the entry into the **AMPLIFY** platform – and forms its technical and tonal **CORE**. These high-performance Class D amplifiers combine superior output power with refined sound characteristics, exceeding all the stats you would usually expect in their class. Brilliant and precise treble, a controlled mid-range as well as tight, powerful bass - the 2-Series brings all facets of pure natural and powerful sound to every vehicle.

Available as **DIRECT**, **X-OVER** or **DSP** versions, the 2-Series reflects what **AMPLIFY** is all about: genuine sound quality, made accessible – right from the start.

A tailored solution for every application

Rather than designing one amplifier to do everything, we created three specialized models, each tailored for a specific type of application. This ensures the best possible performance – no compromises. Whether you're integrating into an OEM system, pairing with an external DSP, or looking for a complete all-in-one solution: AMPLIFY gives you exactly what you need – and nothing you don't.

DIRECT Made for external DSPs

The DIRECT models, featuring their DirectDSP inputs, are purpose-built for use in DSP-based audio systems that demand clean, efficient and transparent amplification. By eliminating conventional input filtering, they ensure uncompromised signal integrity and maximum clarity throughout the signal path. A high-quality gain stage and clipping LED enable precise level adjustment, while the minimalist input architecture keeps noise and distortion to an absolute minimum.

X-OVER Maximum flexibility for conventional upgrades

X-OVER models are the ideal choice for conventional sound upgrades using factory or aftermarket radios. Switchable highlevel and RCA inputs allow seamless integration into a variety of system configurations. The integrated active crossover enables precise signal tuning, by offering high-quality 12 dB high- and lowpass filters, phase control (mono blocks only), an Input mode switch and a included remote control option (mono blocks only). In addition, the integrated ADEP.3 circuit prevents error messages in OEM systems, making X-OVER models a versatile and integration-friendly solution.

DSP Compact power, full control

These all-in-one amplifiers combine strong output with an integrated DSP, offering full control via the DSP PC-Tool. Ideal for compact, processor-based systems, they allow detailed tuning without the need for external components – perfect for OEM upgrades or tight installations.

204
X-OVER

Input side



204
DIRECT





Input side



Which AMPLIFY suits your system?

The first models of the AMPLIFY 2-Series cover a wide range of system requirements – from flexible 4-channel configurations for full-range applications to powerful 1-channel subwoofer amplification.

Whether you choose a DIRECT or X-OVER version, each amplifier is engineered for maximum performance in its specific use case. The comparison below helps you find the perfect match for your audio setup.

	204 DIRECT	204 X-OVER	201 DIRECT	201 X-OVER
				
Application	For use with standalone DSPs or DSP amplifiers	For conventional upgrades with head units	For use with standalone DSPs or DSP amplifiers	For conventional upgrades with head units
Key Benefit	Powerful amp with DirectDSP Input for excellent sound quality	Powerful amp w/ highly flexible input stage and lots of configuration options	Powerful 1-Ohm stable subwoofer amplifier with DirectDSP Input	Powerful amplifier with highly flexible input stage incl. remote control
Amplifier Output	4-channel bridgeable	4-channel bridgeable	Mono	Mono
Input Type	4 x DirectDSP input via RCA	4 x Highlevel or RCA via MOLEX	2 x DirectDSP input via RCA	2 x Highlevel via MOLEX or 1 x RCA
Input Sensitivity	RCA: 1 - 8 V	RCA: 1-8 V Highlevel: 2 - 16 V	RCA: 0.5 - 8 V	RCA: 0.5 - 6 V Highlevel: 3 - 32 V
Crossover	External Crossover via DSP	Built-in crossover	External Crossover via DSP	Built-in crossover
Special Features	High-performance RCA input stage w/ stereo/mono mode switch & clipping LED	Multi-function signal input Highlevel w/ ADEP.3 & auto turn-on 12dB High- & Lowpass 4 ch. / 2 ch. input mode switch	High-performance RCA input stage w/ stereo/mono mode switch & clipping LED	Multi-function stereo input Highlevel up to 32 V RMS w/ ADEP.3 Auto turn-on (w/ signal detection) Incl. remote control
Output Power (RMS ≤ 1% THD+N)	4x 100 WRMS at 4 Ω 4x 190 WRMS at 2 Ω 2x 380 W at 4 Ω bridged	4x 100 WRMS at 4 Ω 4x 190 WRMS at 2 Ω 2x 380 W at 4 Ω bridged	1x 250 WRMS at 4 Ω 1x 450 WRMS at 2 Ω 1x 750 WRMS at 1 Ω	1x 250 WRMS at 4 Ω 1x 450 WRMS at 2 Ω 1x 750 WRMS at 1 Ω
Signal-to-Noise Ratio (A- weighted @ full power)	99 dB	99 dB	114 dB	114 dB
Distortion (THD+N @ 1W / 4 Ohms)	< 0.02 %	< 0.02 %	< 0.02 %	< 0.02 %
Dimensions	40 x 248 x 114 mm / 1.58 x 9.76 x 4.49"	40 x 248 x 114 mm / 1.58 x 9.76 x 4.49"	40 x 248 x 114 mm / 1.58 x 9.76 x 4.49"	40 x 248 x 114 mm / 1.58 x 9.76 x 4.49"
Start-Stop-Capability	✓	✓	✓	✓