

REVELATION

BRAX



RX2 PRO

HIGH-END 2-CHANNEL AMPLIFIER

HANDCRAFTED IN GERMANY

RX2 PRO SPECIAL FEATURES

- **Proprietary bridgeable high-end Class D amplifier concept** based on PURIFI's patented 'EIGENTAKT' technology - redefining automotive sound quality and outperforming even the best Class A and Class AB amplifiers
- **Unique 'Multistage Feedback Design'** - multiple feedback loops individually compensate for all non-linearities in the power section, including the LC filters and even the output relays, for absolute precision.
- **Outstanding measurement values** - surpass everything that has gone before thanks to negligible THD+N, minimal intermodulation distortion, an impedance-unaffected, linear frequency response up to 60 kHz and an impressive signal-to-noise ratio
- **Modular input concept** with selectable modules - offers a choice between analogue or digital inputs:
- **Analogue stereo input module** - with innovative 'super-balanced' input structure for particularly high interference immunity thanks to maximum Common-Mode Rejection (CMR), equipped with the currently best sounding and ultra-low-noise OPA1612 operational amplifiers from BurrBrown
- **Digital stereo input module** - equipped with the latest state-of-the-art ES9039Q2M digital-to-analogue converter from ESS, powered by a voltage regulator specially developed by ESS to provide each DAC channel with an extremely low-noise and stable power supply. Equipped with an optical and a coaxial SPDIF input that supports our proprietary DiSAC 2.0 protocol for lossless and highly advanced volume control, manageable via the BRAX DSP
- **Incomparably sophisticated power supply** - regulated, start-stop-capable power supply unit for the output stages with enormous total capacity for maximum peak current capability . Separate voltage regulators for each input and driver stage guarantee maximum stability and prevent any influence on the signal quality; suitable up to 18V on-board voltage for electric vehicles
- **Exceptional frequency-independent damping factor** of over 10,000 @ 4 ohms - unlike conventional Class D designs, this ensures maximum speaker control at all frequencies, resulting in unrivalled audio precision.
- **Particularly compact and maximum efficiency** - same dimensions as a BRAX DSP, ideal for modern vehicle concepts thanks to low heat generation and high efficiency
- **Ultra-low impedance 8-layer printed circuit board** - allowing maximum, loss-free current flow and optimum isolation of sensitive input signals from the power stages
- **Complex protection circuits** - Optimum protection of the amplifier and the connected speakers under all conceivable load and temperature conditions
- **Processor and temperature-regulated fan** - ensures optimum cooling and an ideal operating temperature range for the amplifier
- **Separate connector for the BRAX Power Stabiliser** - for an increased power supply and improved maximum performance of the amplifier
- **Engraved serial number** in the stainless steel type plate - emphasises the exclusivity of the amplifier

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„As a passionate musician with over 45 years of success in the audio industry, I never thought Class D technology could ever compete with analog. But let me be clear: The BRAX REVELATION RX2 PRO takes my breath away. The level of audiophile performance this amplifier delivers is out of this world and elevates BRAX's commitment to uncompromising sound to a new level. I am convinced that this technological masterpiece will open the eyes of even the most dedicated analog enthusiasts to a new era of high-end amplification.“

– Heinz Fischer

RX2 PRO TECHNICAL DATA

Power RMS \leq 1% THD+N

- @ 4 Ohms	2 x 300 Watts
- @ 2 Ohms	2 x 510 Watts
- bridged @ 4 Ohms	1 x 930 Watts

Amplifier technology PURIFIs "EIGENTAKT" Class D

Selectable input modules

Analog module:
2 x RCA / Cinch

Digital module:
1 x Optical SPDIF (32 - 96 kHz)
1 x Coaxial SPDIF (32 - 192 kHz)

Analog input module spec. OpAmp: TI / BurrBrown OPA1612 with SoundPlus technology & adjustable input sensitivity 1 - 8 V

Digital input module spec. DAC: ESS ES9039Q2M with HyperStream IV Dual DAC technology and advanced SABRE HiFi architecture / Supports Audiotec Fischers proprietary DiSAC 2.0 technology

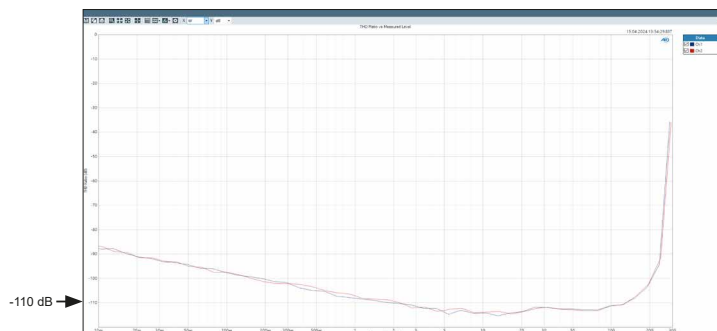
Frequency response	10 Hz - 60 kHz
Signal-to-noise ratio	> 125 dB (A-weighted)
Distortion (THD)	< 0.0002 %
Damping factor	> 10.000
Operating voltage	9 - 18 Volts (max. 5 sec. down to 6 Volts)
Dimensions (H x W x D)	56 x 310 x 200 mm



RX2 PRO MEASUREMENTS



THD+N vs. frequency response @ 10 Watts / 4 Ohms



THD+N vs. output level @ 4 Ohms