

Quad 3 Grey - Integrirano Pojačalo

Šifra: 20019

Kategorija proizvoda: Integrirana Pojačala

Proizvođač: Quad

Cena: 185.880,00 rsd

Quad 3 Grey - Integrirano Pojačalo

Model: QUAD 3

General description:

- 2 x 65W (8 ohm), 2 x 100W (4 ohm)
- Class AB power amp section
- ES9038Q2M 32-bit DAC

Design philosophy and core technology:

- MQA Full Decoder (PC USB, Coax/Optical)
- Bluetooth 5.1 (aptX/aptX HD) Streaming
- Dedicated High Performance Low Noise MM Phono

stage

- Dedicated Current-Feedback Headphone Amplifier
- Built-in Bass and Tilt adjustment
- USB Firmware Upgrade
- 2 x Analogue (Aux), 1 x Phono (MM) inputs

Inputs:

- 1 x SPDIF (Coax), 1 x SPDIF (Optical), 1 x PC USB
- 1 x HDMI ARC, 1 x Bluetooth (aptX/aptX HD), 1 x 12V Trigger

Outputs: 1 x Pre Amplifier, 1 x Stereo Speaker, 1 x Headphone, 1 x 12V Trigger

Sampling Frequency:

- Optical/Coaxial: 44.1kHz -> 192kHz
- PC USB: 44.1kHz -> 768kHz (PCM) / DSD64, DSD128, DSD256, DSD512

Preamplifier Section:

Gain (max.):

- +0dB (Line)
- +47dB (Phono MM)

Input Sensitivity:

- 800mVrms (Line, Volume = 0dB)
- 3.6mV (Phono MM, Volume = 0dB)

Input Impedance:

- 10K (Line)
- 47K / 100pF (Phono MM)

Total Harmonic Distortion (THD): <0.001% (1kHz @ 2V, Volume = 0dB)

Frequency response: 20Hz-20kHz (+/-0.1dB)

Output voltage: 2.3V max. (Volume = 0dB)

Output impedance: 120 ohm

Signal-to-Noise ratio:

- > 110dB (A-weighted)
- > 78dB (Phono MM, A-weighted)

DAC

D to A Converter: ES9038Q2M

Total Harmonic Distortion (THD): < 0.001% (1kHz @ 0dBFS)

Output level (0dBFS, 1kHz): 2.05Vrm

Max. Sampling Frequency:

- Optical/Coaxial: 192kHz
- PC USB: PCM768kHz, DSD512

Signal-to-noise ratio (S/N): > 116dB (A-weighted)

Power Amplifier Section

Gain: +29dB

Rated Power Output:

- 2 x 65W (8 ohm, THD<1%)
- 2 x 100W (4 ohm, THD<1%)

Frequency Response: 20Hz-20kHz (+/-0.3dB)

Total Harmonic Distortion (THD): <0.003% (1kHz @ 30W/8ohm)

Input Sensitivity: 800mVrms

Signal-to-Noise ratio (S/N): > 110dB (A-weighted)

Max. Output Current: 10A