

# Brinkmann Audio Nyquist Mk II

*One Step Closer*



At Munich High End 2016, Brinkmann unveiled Nyquist: the most advanced Streaming Digital-to-Analog Converter ever created. At that time, we explained that our unique, user-replaceable DAC Module would allow easy upgradeability and eliminate obsolescence, making it audio's first-and-only "Investment Quality" digital component. Today, the release of our first Nyquist upgrade fulfills our promise and proves that our "Field-upgradeable" concept works in practice as well as theory. An entirely new design, "Nyquist" was optimized to accommodate the latest digital formats including MQA™ (Master Quality Authenticated) streaming and playback, PCM up to 384 kHz/32 bits (including DXD), as well as DSD64, DSD128 and DSD256. Both the Hardware and Software of Nyquist's Digital Module are easily user-replaceable, an architecture that assures unprecedented longevity and enables Nyquist to remain on the cutting edge of digital technology. As promised, Nyquist virtually eliminates obsolescence.

Proprietary high voltage power supply technology—unique among digital source components—delivers marked improvements in digital circuit performance. In Nyquist Mk II, this high-voltage power supply technology has been implemented more widely. As opposed to only one power regulator in the original Nyquist, 6 of the 12 Mk II regulators benefit from this technology.

The Mk II digital module includes a completely updated power supply section, incorporating 12 power regulators compared to the 11 found in our first-generation product. The additional power regulator achieves an even better decoupling of the DAC clock from the rest of the circuit yielding lower jitter, especially with USB and Ethernet playback.

The result? Even higher resolution with no loss of the extraordinary musicality that made the original Nyquist so successful. Another breakthrough by the newly expanded Brinkmann Design Team, custom filters in the digital domain further elevate both measured performance and musical realism.

In a nod to Brinkmann's renowned Marconi Line Preamplifier and Edison Phono Preamplifier, Nyquist employs hybrid circuit topology, with NOS Telefunken tubes used in the output stage; in fact, development of Nyquist highlighted areas in which Marconi and Edison's circuitry could be improved and has led to "Mk II" versions of those legendary products.

Because today's music connoisseurs demand uncompromising convenience and versatility, Nyquist offers outstanding connectivity, including USB, SPDIF, Optical and Ethernet inputs. Balanced, Single-ended and discrete Headphone outputs are all standard. Nyquist offers Roon™ network playback and music management and supports many streaming services. Optimized, pre-selected filters have been carefully tailored for every digital format. A comprehensive remote handset offers control of head phone volume, input selection, mute and phase/invert.

Thanks to our obsessive attention to each of these details, Nyquist achieves a level of user-friendliness unprecedented in High End Audio. Given its ease of use, matchless craftsmanship, total upgradeability and, of course, sonic superiority, Nyquist is simply the finest digital component available today...and tomorrow!

The Nyquist Mk II version is shipping now. Owners of the original Nyquist can field-upgrade to Mk II standard by simply exchanging modules. Please inquire.

## Technical Specification

**Inputs:** USB 2.0, SPDIF, AES-EBU, TOSLINK, RJ45 ETHERNET for streaming supporting DLNA, Tidal™, Deezer™, Qobuz™, vTuner™ and Roon™

**Formats:** MQA™ and PCM up to 384 kHz (DXD), DSD 64, DSD128 via DoP, DSD256 native

### Digital module upgradable

### Separate converters for PCM and DSD

**Gain adjustment:** 0...+10 dB

**Output voltage:** Maximum ± 3 V Balanced

**Output impedance:** 10 Ohms Balanced

**Headphone output:** 30-600 Ohms

**Dimensions:** 420 x 95 x 310 mm (with granite base); Power Supply 120 x 80 x 160 mm

**Weight:** Nyquist, 12 kg; Granite Base, 12 kg; Power Supply, 3.2 kg

Photo © Michael Rasche, 2018

**BRINKMANN**  
Real High Fidelity.

Brinkmann Audio GmbH  
Im Himmelreich 13  
88147 Achberg  
Deutschland

Tel.: +49 (0)83 80 98 11 95  
Fax: +49 (0)83 80 98 12 33  
info@brinkmann-audio.com  
www.brinkmann-audio.com