

P R I M A R E

THE SOUND AND VISION OF SCANDINAVIA

PRE35 Prisma Preliminary Specifications

PRE35 Prisma balanced stereo preamplifier and network player features dual XLR inputs and outputs, fully balanced analog preamplification circuitry, and modular construction allowing for sophisticated DAC and Prisma network modules to be added to the analog preamplifier at any time.

Prisma provides multi-room/multi-zone connectivity and control for playback of stored and streamed media, wired or wireless, all managed from a mobile device through a dedicated system control app. In addition to Bluetooth®, AirPlay, and Spotify Connect, Prisma features Chromecast built-in, a unique streaming portal allowing effortless direct connection to hundreds of streaming applications, now including Roon, for the best possible performance and user experience.

Unique to a high-performance preamplifier, PRE35 Prisma includes WiSA wireless speaker connectivity (by future update upon certification expected Q2 of 2019).

WiSA features:

- High Resolution Audio Quality - WiSA transmits 24bits at 48kHz/96kHz
- Nearly Zero Latency – less than 1/10th the latency of Bluetooth audio devices
- Immediate Synchronization – speaker sync in less than 1/1,000,000 of a second

In order to allow for playback of virtually any digital source with absolute accuracy and musicality, the PRE35 Prisma's refined DAC stage recreates high-resolution sound that is as close as possible to the original source. Inputs include, four Toslink, three RCA (SPDF), and one USB-B digital. The USB-B input allows playback of files up to PCM 768kHz/32bit and DSD256/11.2MHz. One RCA digital output is included, allowing for pass through of digital signals and the option to select 48 or 96 digital output from analog sources.

Preamplification

Analogue Inputs:

- 2 pair XLR (L&R)
- 3 pair RCA (L&R)

Input Impedance: RCA 15kΩ; XLR 30kΩ

Preamplifier Output:

- 2 pair XLR (L&R)
- 1 pair RCA (L&R)

Line Output: 1 pair RCA (L&R)

Output Impedance:

- Pre: RCA 100Ω; XLR 400Ω
- Line: 100Ω



Frequency Response: 20Hz – 20kHz +0.1/-0.1 dB

THD + N: < 0.01%, 20Hz – 20kHz

Signal to Noise: >105 dB

Gain:

- RCA in / RCA out: 16.5dB
- XLR in / XLR out: 16.5dB
- RCA in / XLR out: 22.5dB
- XLR in / RCA out 10.5dB

WiSA high resolution wireless speaker output

Digital to Analog Conversion

Chip set: AKM AK4497

Inputs:

- 4 x TOSLINK (optical) up to 192kHz/24 bit
- 2 x RCA up to 192kHz/24 bit
- 1 x USB-B up to 768kHz/32 bit; DSD 256/11.2MHz

Digital Output: 1 x RCA

- Analog input = selectable 48kHz or 96kHz output
- Digital input = pass through

Frequency response:

- 44.1kHz 20Hz - 20kHz 44,1 +0,1 / -0,65
- 96/192kHz 20Hz-20kHz +0,1 / -0,2

Prisma

Audio formats: WAVE, AIFF, FLAC, ALAC, MP3, MP4 (AAC), WMA, OGG, DSD

Inputs:

- USB-A: up to 192 kHz/24 bit; DSD 256/11.2MHz
- Airplay®
- Bluetooth®
- Chromecast built-in®
- Spotify Connect®
- UPnP/DLNA
- LAN:
 - o Up to 192 kHz/24 bit; DSD 128/5.6MHz
 - o Data transfer rate: 10/100Mbit
- WLAN:
 - o Up to 192 kHz/24 bit; DSD 128/5.6MHz
 - o IEE 802.11 a/b/g/n/ac compliant; 2.4/5GHz; b, g, n mode
 - o Data transfer rate: maximum of physical layer rate of 390 Mbps

Frequency Response:

- Analog: 20Hz – 20kHz -0,5dB



- Digital:
 - 44.1kHz 20Hz – 20kHz +0.1/-0.6dB
 - 96kHz 20Hz – 20kHz +0.1 /-0.2dB
 - 192kHz 20Hz – 20kHz +/- 0.1 dB

General

Control:

- C25 system remote control
- RS232
- IR in/out
- Trigger out

Power Consumption:

- Standby: <0.3W ECO Mode; <5W Wake Up Mode
- Operate: <37W

Dimensions (wxdxh):

- 430 x 420 x106 mm with knobs and connectors
- 430 x 382 x106 mm without knobs and connectors

Weight: 11.3 kg

Color Options: Black and Titanium

Note: features and specifications are preliminary and subject to change.

