

CLASSE®



Delta PRE Mk II Preamplifier with HEOS® Built-in

Obtain optimal audio performance from every source—now with streaming—with the Classé Delta PRE Mk II Stereo Preamp. A consolidated preamp and DAC that isolates, shortens, and simplifies all signal paths, elevating your listening experience. Processing features like comprehensive bass management, a five-band parametric EQ per channel, and a flexible tone/tilt control, equip you with the coveted high-end tools to optimize playback for all your entertainment, including 768K hi-res audio/DSD512 over USB-B.

HIGHLIGHTS

Pure Audio Reproduction: Yields perfect resolution and superlative sound for analogue and digital sources.

Two Subwoofer Outputs: Comprehensive bass management for up to two subwoofers.

HEOS® Built-in: Access your favourite streaming services plus AirPlay with HEOS® Built-in.

Parametric EQ: Five bands of Parametric EQ per channel adjust frequency, level, and Q with advanced digital domain filters without signal path noise or distortion.

Tone Control: Freely adjust tone without sacrificing resolution or adding noise.

MC/MM Phono Stage: Configurable onboard MC/MM phono stage for pure analogue listening.

Optional HDMI Support: Connect up to four HDMI devices with an optional module.

Ease of Use: Touchscreen provides fast and flexible setup, ease of use, and upgrades that are unachievable with conventional push-button components.

Pure Analog: Digital Bypass mode eliminates digital conversion for analogue sources that require no processing.

Music and Movies: Alternate between music and theatre listening with Pass-Thru mode.

DELTA PRE MK II SPECIFICATIONS

General

Gain Range	-93dB to +14dB
Channel Matching	0.05dB
Input Impedance (at 1kHz, BAL/SE)	50kΩ
Output Impedance BAL/SE	200Ω / 50Ω
Maximum Output Level BAL/SE	18Vrms / 9Vrms

Bypass Mode (Analog inputs, Tone/EQ/Subwoofers disabled)

Frequency Response (-3dB, 50Ω source impedance)	1Hz - 2MHz
Harmonic Distortion (measurement bandwidth: 90kHz)	<0.0004% at 1kHz, <0.0005% at 10kHz, <0.0006% at 20kHz
Intermodulation Distortion (measurement bandwidth: 90kHz)	<0.001%
Maximum Input Level BAL/SE (at 0dB gain)	9Vrms (+21.3dBu) / 4.5Vrms (+15.3dBu)
Signal-to-Noise Ratio (A wtd) (22kHz BW, ref 9Vrms)	130dB (133dBA)
Crosstalk (one channel undriven) (BAL/SE)	-143dB (100Hz), -140dB (1kHz), -124dB (10kHz)

Phono Section (0dB gain, Bypass Mode, XLR2 in, Main XLR out)

RIAA Deviation (20Hz-20kHz)	<0.2dB
Selectable Load for MM Type (47k II)	50pF, 100pF, 150pF, 200pF, 250pF, 300pF, 350pF, 400pF, 450pF
Selectable Load for MC (Low Output)	7.5Ω, 10Ω, 33Ω, 50Ω, 82Ω, 100Ω, 330Ω, 1kΩ
Load for MC - High Output	47kΩ

MM, MC - High Output

Gain (1kHz, 20Ω source impedance)	41.5dB
SNR (22kHz BW, ref 5mVrms in)	86dB (93dB A-wtd)
Max Input Level (overload ref 5mVrms)	11dB (20Hz), 23dB (1kHz), 34dB (10kHz)

MC - Low Output

Gain (1kHz, 20Ω source impedance, 1kΩ load)	60dB
SNR (20Hz-20kHz)	68dB (74dB A-wtd)
Max Input Level (overload ref 0.5mVrms, 1kΩ load)	12dB (20Hz), 31dB (1kHz), 52dB (10kHz)

DAC section (Digital inputs, Tone/EQ/Subwoofers disabled)

Frequency response (-3dB, sweep Fs=192kHz)	5Hz - 90kHz
Harmonic Distortion (measurement bandwidth: 90kHz)	<0.0015% (20Hz to 20kHz)
Dynamic range (-60dBFS, Fs=44.1kHz, A-wtd)	124dB
Signal to Noise Ratio (Fs=44.1kHz, A-wtd)	125dB (dBA)

Headphones

Power (nominal input, 0dB gain, 32Ω load)	540mW
Output Impedance	6.8Ω



Power Requirements

Standby	0.2W
Wake on LAN / Nominal	3.1W / 35W
Maximum Power (with iOS charging and optional HDMI board)	55W

Dimensions

Width	444mm
Depth (including connectors)	448mm
Height (including feet)	120mm

Weight

Gross Weight	18.7kg
Net Weight	13.5kg

HEOS Built-In

Network Connection	Ethernet
USB-A Host	WMA, MP3, AAC, WAV up to 192/24, FLAC up to 192/24, AIFF up to 192/24, ALAC up to 96/24, DSF up to 11.2
AirPlay	AirPlay 2
Music Service Providers Supported (varies by region, subject to change)	Spotify (Connect), Tidal (including Hi-Res), Deezer, Amazon Music HD, TuneIn, Soundcloud, MOOD:MIX, Sony Hi-Res

DAC Inputs

USB-B	32k, 44.1k, 48k, 88.2k, 96k, 176.4k, 192k, 352.8k, 384k DSD64, DSD128, DSD256 (native - requires Thesycon/Classe driver for Windows), DSD64, DSD128 (DoP)
SPDIF (opt, coax, AES/EBU)	PCM 32k, 44.1k, 48k, 88.2k, 96k, 176.4k, 192k/DSD64 over SPDIF

Input / Output Complement

Analogue In	
BAL/XLR	2 pairs (XLR2 can be assigned as BAL phono in)
SE/RCA	2 pairs
Phono RCA	1 pair
Digital In	
USB-F / USB-B	1 / 1
SPDIF Coaxial / Optical	3 / 3
SPDIF AES/EBU	1
Ethernet	1
Outputs	
BAL/XLR	5 (configurable: 2 pairs + 1 sub, 1 pair + 1 sub pair)
SE/RCA	
Automation	
DC Triggers In/Out	2 sets
CAN Bus	1 set in/out
RS-232 over RJ-45	1