

CLASSE



DELTA™ PRE STEREO PREAMP/DAC

Obtain optimal audio performance from every source and recording with the Classé Delta PRE Stereo Preamp. It houses a consolidated preamp/DAC architecture that isolates, shortens and simplifies all signal paths, elevating your listening experience. Processing features like comprehensive bass management, a 5-band parametric EQ available for all sources and a flexible tone/tilt control equip you with the essentials to optimize playback for all your entertainment. An onboard MM/MC phono stage and optional HDMI switching provide maximum flexibility and convenience. Hear your collection with phenomenal resolution and detail — only with Classé.

HIGHLIGHTS

- Pure audio reproduction for analogue and digital sources yields perfect resolution and superlative sound
- Comprehensive bass management for up to two subwoofers
- 5-bands of Parametric EQ per channel adjust frequency, level and Q with advanced digital domain filters — without signal path noise or distortion
- Freely adjust tone without sacrificing resolution or adding noise
- Configurable onboard MC/MM phono stage for pure analogue listening
- Supports up to 4 HDMI devices with optional switching module for more seamless switching between AV sources
- Touchscreen provides fast and flexible setup, ease of use and upgrades that are unachievable with conventional pushbutton components
- Digital Bypass Mode eliminates digital conversion for analogue sources that require no processing
- Alternate between music and theater listening with Pass-Thru Mode

DELTA™ PRE 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 (ANALOGUE 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)

HEADPHONES

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

POWER REQUIREMENTS

Standby	0.2W
Wake on LAN	3.4W
Nominal	35W
Maximum Power (with iOS charging and optional HDMI board)	55W

DIMENSIONS

Width	44.4cm
Depth (including connectors)	44.9cm



Height (including feet)	12.1cm
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WEIGHT

Gross Weight	18.7 kg
Net Weight	13.5 kg

FILE FORMATS AND SAMPLE RATES SUPPORTED

USB-F	44.1k, 48k, 88.2k, 96k (iOS specific)
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 (DoP)
Ethernet	WAV, AIFF, ALAC, FLAC, WMA, AAC, MP3, OGG_VORBIS (max 192k/24b) DSD64 (DoP)
SPDIF (opt, coax, AES / EBU)	PCM 32k, 44.1k, 48k, 88.2k, 96k, 176.4k, 192k /DSD64 (DoP)

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

HDMI	4* (HDMI 2.0b w/HDCP 2.2)
USB-F	1
USB-B	1
SPDIF Coaxial	3
SPDIF Optical	3
SPDIF AES / EBU	1
Ethernet	1

OUTPUTS

HDMI	1* (HDMI 2.0b w/HDCP 2.2)
BAL / XLR	5 (configurable: 2pairs+1sub, 1pair+1sub pair,...)
SE / RCA	5 (configurable: 2pairs+1sub, 1pair+1sub pair,...)

AUTOMATION

DC Triggers In / Out	2 sets
CAN Bus	1 set in / out
RS-232 over RJ-45	1

*With optional HDMI switching module
Specification subject to change without notice.