

# Technical Specifications



## D.I / Instrument Input:

RANGE:	40dB
LINEUP:	12dBu = 0dBFS
MAX LINEUP:	+10dBu
THD+N @ 0dBu:	0.1%
SNR:	100dBu A-Weighted
FREQUENCY RESPONSE - MIN GAIN	±0.5dB 10Hz to 20kHz
1/4" TS JACK:	Tip (Hot) & Sleeve (Shield)

## Analogue to Digital Converter:

THD+N @ -1dBFS:	0.001%
DYNAMIC RANGE:	120dB A-Weighted
CMRR:	>80dB
FREQUENCY RESPONSE:	±0.5dB 10Hz to 40kHz

## Digital Input:

8-CHANNEL ADAT:	44.1kHz to 48.0kHz	
4-CHANNEL ADAT:	88.2kHz to 96.0kHz	SMUX
STEREO S/PDIF / TOSLINK:	44.1kHz to 96.0kHz	(Stereo)

## Headphone Outputs: (Measurements with 100k load)

LINEUP:	18.5dBu = 0dBFS
THD+N @ -1dBFS:	0.0009%
DYNAMIC RANGE:	125.5dB A-Weighted
CROSSTALK:	>116dB
FREQUENCY RESPONSE:	±0.25dB 10Hz to 40kHz
MAXIMUM LEVEL @ 30R:	2.59V Peak, 1.827V RMS, 223mW
MAXIMUM LEVEL @ 62R:	4.18V Peak, 2.95V RMS, 280mW
MAXIMUM LEVEL @ 600R:	7.72V Peak, 5.46V RMS, 100mW
1/4" TRS JACK::	Tip (Left), Ring (Right) & Sleeve (Shield)

## Microphone/Line Input:

GAIN RANGE:	58dB
LINEUP:	12dBu = 0dBFS
MIC MAX INPUT LEVEL:	12dBu
MAX INPUT LEVEL:	21dBu
INPUT IMPEDANCE (Mic):	2.8k
INPUT IMPEDANCE (Line):	>8k
THD+N @ 0dBu	0.00170%
SNR:	101dBu A-Weighted
EIN:	-129dB A-Weighted
CMRR @ 1k:	>-75dB
CROSSTALK:	>-100dB
FREQUENCY RESPONSE - MIN GAIN	±0.5dB 10Hz to 40kHz

XLR COMBI FEMALE:	Pin 2 (Hot), Pin 3 (Cold) & Pin 1 (Shield)
1/4" TRS JACK:	Tip (Hot), Ring (Cold) & Sleeve (Shield)

## Line Outputs (DAC):

LINEUP:	12dBu = 0dBFS
THD+N @ -1dBFS:	0.0006%
DYNAMIC RANGE:	125.5dB A-Weighted
CROSSTALK:	>120dB
FREQUENCY RESPONSE:	±0.1dB 10Hz to 40kHz

1/4" TRS JACK:	Tip (Hot), Ring (Cold) & Sleeve (Shield)
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## USB-C High Speed:

BUS POWER:	
MIN REQUIREMENT:	0.9A @ 5V >=USB 3.0 Port
MAX REQUIREMENT:	1.5A @ 5V USB-C: Provides higher headphone outputs levels

No. of INPUT CHANNELS:	2 (2 Analogue)
No. of OUTPUT CHANNELS:	2 (2 Analogue)

DSP MIXER LATENCY:	ROUND TRIP (in-to-out)
	44.1kHz 0.65mS
	48.0kHz 0.6mS
	88.2kHz 0.33mS
	96.0kHz 0.31mS