

DEQX Gen-4, Pre-8, Pre-4 and LS200 general specifications

Note. Specifications may be subject to change without notice

Mains Input Voltage:	100-240VAC, 50-60Hz.
Power Consumption:	Pre-4, Pre-8: max 50 VA. LS200: max 500VA
Dimensions:	380mm Width, 300mm Depth, 110mm Height.
Weight:	Approx 5Kg Pre-4, Pre-8, Approx 6Kg LS200
Environmental:	
Operating Temperature Range	0 - 45degC, 0 – 90%RH non-condensing.
Standards Applied	AS/NZS 62368.1-2018 Safety Requirements. AS/NZS CISPR32-2015 EMC Emissions. AS/NZS 4286-2017 Radio Equipment (WiFi/BT). AES17-2020 Digital Audio.
DAC Performance, Line Outputs:	
Frequency Response:	+0/-0.2dB, 20Hz – 20kHz. +0/-0.8 dB, 10Hz – 20kHz RCA outputs Main and Sub are DC coupled. Gain accuracy +/-0.2dB
SNR:	120dBFS (AES17 CCIR), 124dB (A) weighted.
Crosstalk	-105dBFS @ 20kHz (RCA outputs).
THD:	-116dBFS/0.00015% (AES17).
IMD:	-118dBFS/0.00013% (AES17).
Analogue Output Maximum Levels:	Balanced Outputs (XLR)
	Default: +22dBu (9.76V RMS).
	6dB pad: +16dBu (4.89V RMS).
	12dB pad: +10dBu (2.45V RMS).
	Unbalanced Outputs (RCA)
	Default: +16dBu (4.89V RMS).
	6dB pad: +10dBu (2.45V RMS).
	12dB pad: +4dBu (1.23V RMS).
Output Impedance:	200Ω balanced (XLR).
	100Ω unbalanced (RCA).
ADC Performance, Line Inputs:	
Frequency Response:	+0/-0.2 dB, 20Hz – 20KHz. All inputs are AC coupled.
SNR:	120dBFS (AES17 CCIR) weighted.
Crosstalk:	-105dBFS @ 20kHz (RCA inputs).
THD:	-114dBFS/0.0002% (AES17).
IMD:	-120dBFS/0.0001% (AES17).
Analogue Input Maximum Levels:	Balanced Inputs (XLR)
	+22dBu (9.76V RMS).
	Unbalanced Inputs (RCA).
	+16dBu (4.89V RMS).
Input Impedance:	90kΩ//50pF balanced (XLR).
	45kΩ//100pF unbalanced (RCA).
Mic Input:	
Maximum Input level	-21.5dBu (65mV RMS) – approx 100dB SPL/1m for supplied calibration microphone
Gain adjustment:	6dB cut or link out for line level input.
Phantom Power:	48VDC.

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Optional Dynavector MM Phono Preamp:	
Frequency Response:	RIAA +/-0.2dB, 20Hz – 20kHz
SNR:	TBA
THD:	0.001% (1kHz)
IMD:	TBA
Input Impedance:	47K Ω // 220pF