

Focusrite Scarlett 2i2 USB Audio Interface Detailed Specifications

Analogue Input Performance	
Mic	
Frequency Response	20Hz - 20kHz +/- 0.1 dB
THD+N	< 0.002% (minimum gain, -1dBFS input with 22Hz/22kHz bandpass filter)
Equivalent Input Noise (EIN)	< -120dB: measured at 55dB of gain with 150Ω termination (20Hz/22kHz bandpass filter)
Gain Range	+10dB to +55dB
Max Input Level	-3dBu
Line	
Frequency Response	20Hz - 20kHz +/- 0.1dB
THD+N	< 0.002% (measured with -1dBFS input and 22Hz/22kHz bandpass filter)
Noise	-90 dBu (22 Hz/22KHz bandpass filter)
Signal to Noise Ratio	> 100dB
Gain Range	-10dB to +35dB
Max Input Level	+20dBu
Instrument	
Frequency Response	20Hz - 20kHz +/- 0.1dB
THD+N	0.005% (measured with -8dBu input and 22Hz/22kHz bandpass filter)
Noise	-87dBu (22Hz/22kHz bandpass filter)
Gain Range	+10dB to +55dB
Max Input Level	-3dBu
Analogue Output Performance	
Nominal Output Level	0dBFS = 10dBu, balanced
Frequency Response	20Hz - 20kHz +/- 0.2dB
THD+N	< 0.001% (measured with 0dBFS input 22Hz/22kHz bandpass filter, un-weighted)
Output Impedance	< 10Ω
Power Output into 150Ω	15mW
Power Output into 50Ω	30mW
Digital Performance	
Clock sources	Internal clock only

A-D Dynamic Range	105dB 'A-weighted' (all inputs). Converter chipset A-D dynamic range 114dB
D-A Dynamic Range	104dB 'A-weighted' (all outputs). Converter chipset D-A dynamic range 114dB
Supported sample rates	44.1 KHz, 48 KHz, 88.2 KHz, 96 KHz
Crosstalk	
Input to Input	Better than 90dB
Output to Output	Better than 90dB
Input to Output	Better than 85dB
Input Metering	
Ring LED lit Green	Signal present (-24 dBFS)
Ring LED lit Red	Signal overload (0dBFS), peak held for approximately 1 second
Weight and Dimensions	
Height	45 mm / 1 3/4"
Width	175 mm / 7"
Depth	100 mm / 4"
Weight	580 g / 1.3 lbs