

# Scarlett Solo 3rd Gen performance specifications

Where possible, we measure all performance figures following [AES17](#).



|Supported sample rates|44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz|



## |Microphone Input||

|Dynamic Range (A-weighted)|111dB|

|Frequency Response|20Hz to 20kHz ±0.1 dB|

|THD+N|<0.0012% (minimum gain, -1 dBFS input with 22 Hz/22 kHz bandpass filter)|

|Noise EIN (A-Weighted)|-128dB|

|Maximum Input Level (at minimum gain)|+9dBu|

|Gain Range|56dB|

|Input Impedance|3kΩ|

## |Line Input||

|Dynamic Range (A-weighted)|110.5dB|

|Frequency Response|2 Hz to 20kHz ±0.1dB|

|THD+N|<0.002% (minimum gain, -1dBFS input with 22 Hz/22 kHz bandpass filter)|

|Maximum Input Level (at minimum gain)|+22dBu|

|Gain Range|56dB|

|Input Impedance|60kΩ|

## |Instrument Input||

|Dynamic Range (A-weighted)|110dB|

|Frequency Response|20Hz to 20 kHz ±0.1dB|

|THD+N|<0.03% (minimum gain, -1 dBFS input with 22 Hz/22 kHz bandpass filter)|

|Maximum Input Level (at minimum gain)|+12.5dBu at minimum gain|

|Gain Range|56dB|

|Input Impedance|1.5MΩ|

## |Line Outputs||

|Dynamic Range (A-weighted)|108.5dB|

|Maximum Output Level|+15.5dBu at minimum gain; balanced outputs|

|THD+N|<0.002% (maximum level, -1 dBFS input with 22 Hz/22 kHz bandpass filter)|

|Output impedance|430Ω|

## |Headphone Output||

|Dynamic Range (A-weighted)|104dB|

|Maximum Output Level|+7dBu|

|THD+N|<0.002% (maximum level, -1 dBFS input with 22 Hz/22 kHz bandpass filter)|

|Output impedance|<1Ω|

## Scarlett Solo 3rd Gen physical and electrical characteristics



### |Analogue Input 1||

|Connector|Balanced, via female 3-pin XLR on front panel|

|Phantom power|48 V phantom power switch|

|AIR function|Front panel switch or via Focusrite Control|

### |Analogue Input 2||

|Connector|1/4" (6.35 mm) jack socket on front panel INST mode: unbalanced, 2-pole (TS) LINE mode: balanced (TRS)|

|Line/Instrument switching|Front panel switch or via Focusrite Control|

### |Analogue Outputs||

|Main outputs|Balanced, 2 x 1/4" TRS jacks on rear panel|

|Stereo headphone output|1/4" TRS jack on front panel|

|Output level control (Main and headphone)|On front panel|

|Direct Monitoring|Front panel switch; allows zero-latency monitoring of inputs|

### |Other I/O||

|USB|1 x USB 2.0 Type-C connector|

### |Front Panel Indicators||

|USB power|Green LED|

|Gain Halos|Tricolour LED rings (with GAIN controls)|

|Phantom power|Red LED|

|Instrument mode|Red LED|

|AIR mode|Amber LED|

|Direct Monitor mode|Green LED|

### |Weight and Dimensions||

|W x H x D|143.5mm x 43.5mm x 95.8mm

5.65 in x 1.71 in x 3.77 in|

|Weight|320g

0.71lb|