
SWEETVINYL



SugarCube SC-1 PLUS

Vinyl Click & Pop Remover with Surface Noise Reduction
& Stand-Alone ADC / DAC Capability

The SC-1 Plus is a real-time, integrated noise removal platform that adds SweetVinyl's Surface Noise Reduction software (SVNR) to all the technology and features of the revolutionary SC-1 along with an improved A/D-D/A subsystem, a more refined analog path, improved power supply, plus a variety of digital interfaces.

The rear panel features a USB-B port that connects to a personal computer or music server and functions as an ADC/DAC with or without noise removal in the path; TOSLINK; SPDIF; USB-A Digital Outputs to connect to an external DAC; gold-plated RCA connectors; wired Ethernet.

The front panel allows full control of the basic functions with push-buttons and a pairing function that is integrated with the strength knob, while an LCD display provides status.

The SC-1 Plus's flawless Click & Pop Removal process benefits from the latest algorithm updates with version 2.0 software and SweetVinyl's Noise Reduction (SVNR) software that provides up to 10 dB of background noise reduction with no coloration of the musical content.

The iOS and Android apps and web interface provide complete remote control of Click & Pop and SVNR reduction as well as 'Analog Bypass'.

The SC-1 Plus transparently removes noise from records or tape and provides hours of enjoyment from previously unplayable media in any collection; SVNR is particularly effective with 78's and tape.

When used as an ADC / DAC with a personal computer, the SC1 Plus can provide Click & Pop/SVNR functions either after the ADC or before the DAC (or none at all.)

SC-1 PLUS In Brief

- 2.0 Click & Pop Algorithm
- SVNR Surface Noise Reduction
- 192K/24bit A/D-D/A
- Independent A/D-D/A operation
- Refined analog path
- Improved power supply
- Full Analog Bypass or Bridging
- Adjustable Click & Pop and SVNR
- Click & Pop Removal Monitor
- Gold Plated RCA Interconnects
- Front-Panel Pairing Function
- iOS, Android, and Web Apps
- LCD Front-panel Display
- New Front Panel Bezel
- USB-A and USB-B ports
- Gigabit Ethernet Port
- USB WiFi Adapter
- TOSLINK and SPDIF outputs
- Full Component Size
- Excellent Build Quality
- Available in Black and Silver

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SPECIFICATIONS

Electronics

Line-In max level = +22.7 dBu (10.6 Vrms; 30 Vp-p)
Line-Out level = Line-In level
THD+N = 0.0025% (A-weighted)
Frequency Response = 10Hz to 75kHz -3dB
DC in = 5 volts, center-pin positive
Multi-stage +/- 15v internal power regulation
Average Power Dissipation = 12 watts

ADC / DAC

Sample rates: 44.1k, 48k, 88.2k, 96k, 176.4k, 192k
Bit depth: 16, 24
Level ctrl: +6dB, 0dB, -6 dB, -12dB
Noise removal: after ADC, before DAC, none

Connections

2x Line-In RCA (Left-Right)
2x Line-Out RCA (Left-Right)
2x USB type 'A' connector
1x USB type 'B' - connects to computer or music server; use SugarCube as ADC / DAC
1x SPDIF Output
1x TOSLINK Output
1x Ethernet: Gigabit

General

Dimensions - WxHxD: 12" x 14" x 2"

Typical SugarCube Interconnection

SugarCube SC1-Plus

personal computer

music server