

Apogee Symphony Desktop

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Kategorija proizvoda: Zvučne kartice
Proizvođač: Apogee

Cena: **1.529,00** EUR

With emulations of vintage British and American mic preamps, DSP/native Apogee FX plug-ins, and multiple zero-latency plug-in workflows, the Symphony Desktop puts you in complete control of your tone. Thanks to its color touchscreen and large control knob, the Symphony Desktop provides easy operation and comprehensive visual feedback.

Record mic-, line-, or instrument-level signals through the variable-impedance, high-gain preamps and use the monitor outputs and assignable headphone jacks for listening to the main mix or an alternate source. Expand your setup by connecting external digital equipment to the optical TOSLINK ports, which support 8-channel ADAT or 2-channel S/PDIF protocols.

General Features

- Sound quality of rackmount Symphony I/O Mk II in a compact desktop format
- Easy operation via color touchscreen and large control knob
- Simultaneous Channels of Audio: 10 in and 14 out
- A/D and D/A resolution up to 24-bit / 192 kHz
- Built-In DSP: FPGA processing of Apogee FX Rack plug-ins
- Print, Monitor, and DualPath Link: Flexible, zero-latency plug-in workflows
- Apogee Alloy mic preamp emulation including British Solid State and 50's American Tube
- Two independent ultralow impedance headphone outputs with individual routing and dual-sum ESS DACs
- Software control via Symphony Desktop Control application
- Compatible with macOS and Windows computers running Quad Core i7 or later processors
- Works with iPad Pro running iOS 13
- Flexible I/O
- Two stepped-gain mic preamps with up to 75 dB of gain and variable impedance
- XLR-1/4" combo mic/line inputs
- 1/4" Hi-Z input with variable impedance
- 1/4" monitor outputs
- 1/4" and 3.5mm assignable headphone outputs
- Optical TOSLINK ports for ADAT or S/PDIF digital I/O
- USB Type-C and USB Type-A ports
- Included Apogee FX Plug-Ins
- Symphony ECS Channel Strip: EQ, compressor, and saturation tuned by Bob Clearmountain (includes native and hardware DSP versions)
- Symphony Reverb (includes native version)
- Pultec EQP-1A, Pultec MEQ-5, and Mod EQ-6 equalizers (hardware DSP versions)
- Opto 3-A and Mod Comp compressors (hardware DSP versions)
- Included Mic Preamp Emulations
- British Solid State: Class-A console sound inspired by the Marinair round can input transformer and discrete transistor design of the Class-A Neve 1066 mic preamp
- American Tube: lush, vintage-style tone inspired by a 1950s Ampex 601 preamp that was restored and modded for lower noise and greater dynamic range
- Flexible Plug-In Workflows

Symphony ECS gives you the full range of Apogee workflow options. For zero latency tracking, you can print through it as you record or set up a DualPath Link for monitoring and print later when you mix. Or simply use Symphony ECS as a native plug-in in your DAW, no Apogee hardware required.

Apogee Electronics SYMPHONY DESKTOP Specs

Form Factor Desktop

Display Touchscreen

Channels of I/O Analog:

2 Input / 6 Output at 192 kHz

Digital:

8 Input / 8 Output at 48 kHz

Maximum Sampling Rate 192 kHz / 24-Bit

Number of Microphone Preamps 2 Preamps

Input Level Adjustment 1 x Knob

Expansion Slots None

Signal Processing

Pad None

Gain/Trim Range Mic Inputs:

Up to +75 dB

High-Pass Filter None

Solo/Mute None

Connectivity

Analog Audio I/O 2 x Combo XLR-1/4" TRS Balanced Mic/Line Input

1 x 1/4" TS Unbalanced Hi-Z Input (Front Panel)

2 x 1/4" TRS Balanced Monitor Output

1 x 1/4" TRS Unbalanced Headphone Output (Front Panel)

1 x 1/8" / 3.5 mm TRS Unbalanced Headphone Output

Phantom Power 48 V, Selectable On/Off (Selectable on Individual Inputs)

Digital Audio I/O 1 x TOSLINK Optical ADAT / S/PDIF Input

1 x TOSLINK Optical ADAT / S/PDIF Output

Host Connection / USB 1 x USB-C

Host Connection Protocol USB 2.0

USB (Non-Host) 1 x USB-A (Update)

Sync I/O None

Network I/O None

MIDI I/O None

Performance

Frequency Response A/D Converters:

10 Hz to 20 kHz ± 0.2 dB (at 44.1 kHz)

D/A Converters:

10 Hz to 20 kHz ± 0.05 dB (at 44.1 kHz)

Maximum Input Level Mic Inputs:

+20 dBu

Hi-Z Inputs:

+14 dBu

A/D Converters:

+20 dBu (+4 dBu)

+6 dBV (-10 dBV)

Maximum Output Level D/A Converters:

+20 dBu (+4 dBu)

+6 dBV (-10 dBV)

Headphone Output Power 520 mW into 30 Ohms (Max)

90 mW into 600 Ohms (Max)

Impedance Mic Inputs:

150 to 4000 Ohms

Hi-Z Inputs:

220 Kilohms

470 Kilohms

20 Megohms

A/D Converters:

4 Kilohms
D/A Converters:
50 Ohms
Headphone Outputs:
0.5 Ohms
Dynamic Range A/D Converters:
123 dB (A-Weighted)
D/A Converters:
129 dB (A-Weighted)
Headphone Outputs:
128 dB (A-Weighted)
THD+N A/D Converters:
-113 dB
D/A Converters:
-114 dB
Headphone Outputs:
-111 dB (600-Ohm Load)
EIN Mic Inputs:
129 dB (150-Ohm Source, +60 dB Gain)
Digital Audio
Sample Rates Up to 192 kHz
Sample Rate Conversion None
Bit Depths 24-Bit
Sync Sources ADAT, Internal, S/PDIF
Audio Storage & Playback
Memory Card Slot None
Compatibility
OS Compatibility iOS 13
macOS 10.14.6 or Later
Windows 10.2004 or Later
*As of November, 2021: Check with manufacturer for the most up-to-date compatibility
Included Software None
Compatible Software (Not Included) Any Core Audio (Mac) Compliant Software
Included Plug-Ins Preamp & Channel Strip:
Symphony ECS Channel Strip
Reverb & Room:
Clearmountain's Spaces
Dynamics:
Opto 3-A
Mod Comp
Equalization:
Pultec EQP-1A
Pultec MEQ-5
Mod EQ-6
Supported Drivers/API & Plug-Ins Proprietary
Processor Requirement Intel Core i7
RAM Requirements 4 GB, 8 GB Recommended
Mobile Device Compatibility iPad Pro (with USB-C)
iPhone
Required Hardware Available USB-A Port
USB Cable (Included)
Internet Connection Required for Registration, Software/Driver Download
Power
Power Requirements AC/DC Power Adapter (Included)
AC/DC Power Adapter 9 to 16 VDC (Included)
Power Consumption 30 W
Physical
Anti-Theft Features None
Certifications CE, FCC
*as per Manufacturer
Dimensions 8 x 4.75 x 2.5" / 20.3 x 12.06 x 6.3 cm

Weight 1.8 lb / 0.8 kg