OMNITRONIC SMARD-24RCA Digital DSP Controller
Digital signal processor (DSP) in miniature format, software included

Art. No.: 10356301
GTIN: 4026397679120

The article is no longer in our assortment.

Description:

Digital dignal processor (DSP) in miniature format
The Smard-24RCA is flexible pocket size digital system processor (DSP). It stands out with its excellent sound characteristic and compact design.

2 analog cinch inputs and 4 analog cinch outputs are waiting for you. You can easily adjust all important settings with the included software on your PC or MAC. Settings are for example the frequency-filter, signal mixing/routing, in and output equalizing, signal delay and the limiter/compressor. You can safe up to 50 user presets on the device and protect them from unwanted access via a multi-level lock function.

The integrated RTA and the FIR filter complete the package. After you are done with the setup you operate the Smard-24RCA standalone with an optional power supply.

This is what you use the processor for

The system processor is perfect for speaker equalization and the adjustment of your speaker system to the listening room. The device also leaves nothing to be desired for HiFi fans and those who build the systems themselves. You can embed several subwoofers in every system and have the possibility to do an extensive room correction.

Disturbing waves in the bassline you can eliminate as well as disturbing booming on your desktop speakers via frequency correction. The Smard-24RCA is even well prepared for car Hifi because of its small size.

Logistic

EAN / GTIN: 4026397679120
Weight: 0,34 kg
Length: 0.19 m
Width: 0.13 m
Heigth: 0.07 m

Features:

- Flexible routing configurations for all standard mono and stereo output operating modes
- 2 analog RCA inputs
- 4 analog RCA outputs
- 10-band parametric EQ per input and output
- Parametric filters can be set as Bell, High Shelf, Low Shelf, Notch, Allpass
- Active crossover with Bessel, Butterworth and Linkwitz-Riley filter with slopes up to 24 dB/octave
- Presets are easy to store, transfer and manage
- Up to 50 user presets storable in the device via software
- Up to 10 ms signal delay adjustable for the inputs and outputs
- Limiter and compressor for each input and output
- Switchable phase per output (180°)
- Lock function for prevents undesired changes to settings
- 24-bit AD/DA converter
- Real-time analyzer function (RTA)
- Sample rate: 48 kHz
- Digital signal processor FIR Filter
- The device can be connected via USB to the PC in connection with DXO Software
firmware can be updated
- Compatible with Win XP, Win Vista, Win 7, Win 10, OS X 10,5 or better
- Application possibility: Wall mounting
  Package contents
- 1 x device, 1 x user manual, 1 x USB cable

Technical specifications:

Power supply:	5-6V 500 mA
Pin configuration:	Inside + / outside -
Power connection:	Mains input via micro USB (F) mounting version power supply cord for USB A mains connection (provided)
	Mains input via coaxial power connector (M) mounting version power supply cord with AC adapter (optional)
Frequency range:	20 - 20000 Hz
DSP:	Digital signal processor FIR Filter
Filter:	Linkwitz-Riley; Butterworth; Bessel; 6db/oct; 12db/oct; 18db/oct; 24db/oct
Delay:	0 - 10 ms
Dynamic range:	Input: 113 dB
	Output: 103 dB
Sample rate:	48 kHz
Connections:	Input: line via 1 x stereo RCA
	Output: line via 2 x stereo RCA
Crossover frequency:	20-20000 Hz
Max. level:	Input: +9 dBu
	Output: +6 dBu
USB port:	Type micro USB (F) mounting version
PC connect:	DXO Software via USB, firmware can be updated
Dimensions:	Width: 13 cm
	Depth: 10 cm
	Height: 3,1 cm
Weight:	0,24 kg

Operating system:	Win XP, Win Vista, Win 7, Win 10, OS X 10,5 or better