

S2-106DA Stereo Audio Switcher may be connected to any of the C2-1000 or C2-2000 series products to provide 6 additional differential audio inputs. The user controls audio sampling frequencies and up to 999ms of adjustable audio delay. The unit has numerous choices for Audio I/O connector types depending on user preference.

The product connects to the C2 unit's rear panel Options Connector via an interconnect cable and is fully integrated into the control system of the C2 unit.

Multiple S2 expansion switchers of diverse formats may be interfaced to a single C2 product*. The Windows Control Panel recognizes the C2 unit and all the connected Input Expansion Switchers as a single Multi-format Seamless Switcher. This fully customizable approach allows the user to choose the appropriate C2 host product and S2 Input Expansion Switcher to meet a specific need.

S2 video models are available with or without stereo audio (balanced or unbalanced). In addition to the video models, a stereo audio only model is available. The units are housed in a desktop case and an optional Single/Dual Rackmount Kit is available. A single 5-Input S2 can be powered via the Options Connector, but external power is required for additional units connected to the C2.

Standalone Operation - S2 Series Switchers can also operate as standalone video and audio switchers. Input selection is by front panel Push Buttons, IR Remote Control or via RS-232.

Specifications

Audio Inputs/Outputs

5 Stereo Audio Inputs	5x Mini-CombiCon (Note 1)
5 Stereo Audio Inputs	10x RCA (Stereo, R&L) (Note 1)
1 PC Stereo Audio Input	1x 3.5mm Mini
1 Stereo Audio Output	1x Mini-CombiCon Connector
1 Stereo Audio Output	2x RCA (Stereo, R&L)
1 Stereo Audio Output	1x 3.5 Mini (Headphone)

Audio Characteristics

Type and Freq. Resp.	Analog, Unbal., 100KHz +/- 3dB
Sampling Rates	32, 44.1, 48 & 96 kHz
Audio Delay (Channel 1)	Up to 999ms (Note 2)
Level and Balance	MUTE, -15dB to +15dB
Input/Output Type	Line Level – all I/O



Key Features of the S2-106AD Routing Switcher

- Provides a extra 6 Stereo Audio Inputs
- Variable Audio Delay and User Controlled Sampling
- Interface to host via OPTION Connector
- Menu Driven Control Via Joystick and LCD
- Controllable via RS-232 & Infrared & Front Panel
- Multiple I/O Connector Choices
- Optional Single/Dual Rackmount Kit available

Control

Standalone Operation Push Button, IR, RS-232
From C2 Series Device via D-15 OPTION Connector

Mechanical

Size (H-W-D) 1.6"x8.6"x5.8" (41.5x218x147mm)
Weight (Net) 2.6 lbs (1.2 kg)

Warranty

Limited Warranty 2 Years Parts and Labor

Environmental

Operating Temperature +4° to +45° C (+39° to +113° F)
Operating Humidity 10% to 85%, Non-condensing

Power Requirement

All Models 12VDC@1A (Note 3)

Regulatory Approvals

Expansion Units FCC, CE, RoHS
Power Supplies UL, CE, CSA, RoHS

Product Item Numbers

S2-106AD Switcher 6x1 Stereo Audio w/Delay

Accessories Included

1x Operations Manual S2 Series
1x AC Power Adapter US, UK or Euro or Type
1x OPTION Interconnect D-15M to D-15M & D-15F Cable

Optional Accessories

RM-220 Single/Dual Rackmount Kit

Notes:

(1) Available differential audio inputs total a maximum of 5x when using the Mini-CombiCon and RCA connectors plus one additional input via the 3.5mm mini-connector.

(2) Audio delay amount available depends on the sampling frequency. (999ms @ 32kHz sampling)

(3) The C2-2000 series supplies enough power via the Options Connector for one 5-Input S2 unit. Additional S2 units may be powered with separate power adapters (included).

Panel Drawings

