

Sync Processor Interface™

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PRELIMINARY

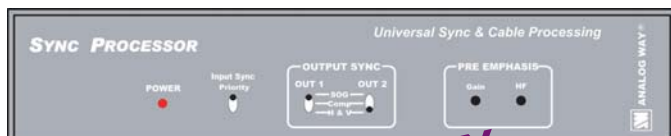
Ref. SPI400

- > Automatic Detection of Input Synchronisation Signal
- > SOG, Composite or H and V Output Synchronisation
- > 2 Independent Outputs

Sync Processor Interface™ by **Analog Way** is an **Interface** which automatically adapts the Computer signals to the monitors, screens, projectors and other Video display devices requirements. It can handle most input formats and synchronizations (RGsB, RGB/S, RGB HV).

Sync Processor Interface features automatic detection of the input synchronisation signal, and converts it to SOG, HV Composite or separate H and V. The synchronisation type of signal can be independently set on each of the two outputs.

Sync Processor Interface is also a **Booster / Equalizer**, a High Resolution Video signal (on BNC) can be driven on a BNC output up to 300m/1000ft*.



PRELIMINARY

REFERENCE

SPI400: Sync Processor Interface™

TECHNICAL SPECIFICATIONS

- PC, Mac (up to 1600x1200) compatible
- 400 MHz RGB Video bandwidth
- Automatic input sync detection
- Cable loss compensation up to 300 m - 1000 ft
- 2 x Outputs RGB HV, RGsB, RGsB including one with equalizer
- 1 x Loophrough output for local monitoring

INPUTS:

- 15 kHz to 135 kHz: Horizontal line frequency
- 24 Hz to 120 Hz: Frame frequency
- RGsB, RGsB, RGB HV (0.7 V analog for RGB)
- Composite sync from 0.3 to 5 V ; H & V (sync.) 5V TTL

OUTPUTS:

- Local monitoring of input source, loophrough (HD15F or BNC connector)

USER CONTROLS AND CONNECTORS:

FRONT PANEL:

- Power LED
- Selection of SOG, C. Sync or HV Sync Output
- 2 x Trimmers for gain and HF pre-emphasis adjustment
- Switch for input sync processing

REAR PANEL:

- Hi.Z/75 Ohms: RGB input adaptation
- 1 x HD15F or 5 x BNC-F Computer In or Monitoring out
- 5 BNC-F: Output #1
- 1 HD15F: Output #2

POWER SUPPLY:

Internal, universal, automatic, 100-240 VAC, 50-60Hz, 5W

DIMENSIONS:

1/2 rack 1U
D 7" x W 8.7" x 1.7"

D 180 mm x W 221 mm x H 43mm

WEIGHT: 1.3 kg / 2.9 lbs

SUPPLIED WITH:

- 1 x AC power cable
- 1 x User manual

WARRANTY: 3 year warranty on parts & labor, back to the factory

Specifications subject to change without notice

FEATURES

- 400 MHz bandwidth
- High quality cable loss compensation
- Universal automatic input sync processing
- Universal built-in power supply

Cables for the Sync Processor Interface

- > BNC Cables of 1,8m / 6ft to 20m / 66ft - Refs 10038 - 10039 - 10096 - 10098 - 10100
- > VGA Cables of 0,4m / 1ft to 1,8m / 6ft M/F and M/M - Refs 10014 - 10015 - 10077
- > VGA/BNC Adaptor Cables of 1.8m / 6ft and 3m / 10ft - Refs 10023 - 10024 - 10025 - 10026

* depending on line frequency and type of cable



ANALOG WAY®

USA and Canada
ANALOG WAY Inc
Tel.: 212 269 1902
Fax.: 212 269 1943
email: salesusa@analogway.com

Europe, Africa, South America and Middle-East
ANALOG WAY FRANCE
Tel.: 331 64 47 16 03
Fax.: 331 64 47 14 73
email: saleseuro@analogway.com

www.analogway.com

P/N: SPI400/B0107-VA
Asia and Asia Pacific
ANALOG WAY Pte Ltd
Tel.: 65 62 92 58 00
Fax.: 65 62 92 52 05
email: salesasia@analogway.com