SP-4D

4−Channel HD−SDI Synchronizer

The SP−4D is a synchronizer for serial digital signals up to HD−SDI. The unit synchronizes up to four channels from the dedicated genlock input or any other specified channel.

FEATURES

- **Multi-Standard Operation** - SDI (SMPTE 259M and SMPTE 344M) & HD−SDI (SMPTE 292M).
- **Inputs** - 4 SDI video SD, ED and all HD (up to 1080i/60 and 1080p/30), with automatic standard detection.
- **Outputs** - 4 HD−SDI video (with the same standard group as the inputs), 1 RGBHV/YUV on a 15−pin HD connector, unbalanced stereo audio on RCA connectors.
- **Frame Rate Conversion** - Does not change the video resolution.
- **Genlock** - 1 dedicated SDI genlock input with active loop output, common to all four channels or taken from any specific channel.
- **Audio Embedder/De-embedder** - Handles 16 audio channels per input.
- **Flexible Control Options** - Front panel buttons & RS−232 (K−Router® Windows®−based software is included).
- **Indicators** - 40−character LCD display, signal and genlock loss LEDs.
- **Worldwide Power Supply** - 100−240V AC.

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TECHNICAL SPECIFICATIONS

INPUTS:	4 SDI/HD−SDI, 1 genlock 75Ω on BNC connectors.
OUTPUTS:	4 SDI/HD−SDI, 1 genlock 75Ω on BNC connectors, 1 VGA/UXGA port on a 15−pin HD connector (YUV/RGB selectable); stereo audio on 2 RCA connectors.
CONTROLS:	7 front panel buttons, RS−232.
POWER SOURCE:	220V AC, 27VA.
OPERATING TEMPERATURE:	0° to +55°C (32° to 131°F).
STORAGE TEMPERATURE:	−45° to +72°C (−49° to 162°F).
HUMIDITY:	10% to 90%, RHL non−condensing.
INDICATORS:	LCD display, 5 input and genlock LEDs.
DIMENSIONS:	19" x 7" x 1U W, D, H.
WEIGHT:	1kg (2.2lbs).
ACCESSORIES:	Power cord, Windows®−based control software, rack "ears".