



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

- HDTV Compatible.
- Multi-Standard Operation - SDI (SMPTE 259M and SMPTE 344M) & HD-SDI (SMPTE 292M).
- Inputs - SD, ED and all HD (up to 1080i/60 and 1080p/30), with automatic standard detection.
- 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 SD/HD-SDI, 1 genlock 75Ω on BNC connectors.
OUTPUTS:	4 SD/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 CONSUMPTION:	220V AC, 27VA.
OPERATING TEMPERATURE:	0° to +40°C (32° to 104°F).
STORAGE TEMPERATURE:	-40° to +70°C (-40° to 158°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:	1.81kg (4.0lbs).
INCLUDED ACCESSORIES:	Power cord, Windows®-based control software, rack "ears".

