

Atlona AT-SDI51 Atlona 5x1 HD/SD-SDI reclocking Switcher

Atlona 5x1 HD/SD-SDI Switcher Model: AT-SDI51

This AT-SDI51 receives, equalizes, and reclocks up to 5 SDI inputs, perfectly switches the desired input to SDI equipped monitors or receivers. The switch supports both HD/SD-SDI bit rates, and the re-transmitted quality is guaranteed. Through RS-232, IR remote, or front panel push button, the control of the SDI switch becomes versatile and easier. AT-SDI51 offers the most convenient and cost effective means for swift switch and duplication of high quality SDI in the market.

Features:

- HD/SD-SDI Switch
- Up to 5 equalized & re-timing SDI inputs
- Dual Color LED indication of HD/SD of the output SDI
- Automatic detection of the SDI Input
- Synchronizes input/output (switch after vertical sync)
- Provides the equalized and reclocked transmission path up to 300m (1000ft) at SD-SDI or 150m (500ft) at HD-SDI
- Multiple control by RS-232, IR remote, and push button

Technical Specifications:

- SDI standards: SD-SDI & HD-SDI
- Auto HD/SD-SDI detection: Yes
- Supported protocols: SMPTE 259M / SMPTE 292M
- Video bandwidth: Single-link [1.485Gpbs & 1.485/1.001Gbps]
- Data rates: 143 / 270 / 1483 / 1485 Mbps
- Video support:
[HD] 720p50/59.94/60, 1035i50/59.94/60, 1080i50/59.94/60, 1080p24/30
[SD] NTSC@59.94Hz, PAL@50Hz
- Output impedance: 75W
- Reclocking function: Optional upon request
- Cable equalization: [HD-SDI] up to 150m (500ft) / [SD-SDI] up to 300m (1000ft)
- Loop-out: Synchronized BNC loop-out at input and output
- Audio support: Yes
- Input: 5x BNC
- Output: 1x BNC
- BNC connector: 75W interlocking socket
- Dimensions [L x W x H]:
Model 187 x 125 x 43mm [7.4"x4.9"x1.7"]
Package 330 x 200 x 95mm [1'1"x7.9"x3.7"]
- Weight: Model 890g [2.0 lbs]
- Power supply: 5V 4A DC
- Power consumption: 10 Watts [max]
- Operation temperature: 0~40°C [32~104°F]

Package Includes:

- 1x AT-SDI51
- 1x IR remote controller
- 1x 5V power adapter
- 1x User Manual

Warranty:

3 year manufacture warranty (parts&labor)

FYI:

SYNC-IN & SYNC-OUT:

These input & output are strictly used for device which handles synchronizing V-Sync signals across all sources for this model. The purpose of this function is to avoid flickering or "bright/dark" screen appeared between channel switch. User can connect the synchronizing device to SYNC-IN, and use SYNC-OUT to connect next device he wants to do V-Sync signal synchronization.

RELOCKING FEATURE: A Reclockin feature first equalizes, then extracts a clock from the signal and cleans up the eye pattern. It is useful to avoid signal loss due to the cable length.