

Atlona AT-DVI-81A 8x1 DVI SWITCHER WITH STEREO AUDIO

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MODEL: AT-DVI-81A

The Atlona AT-DVI-81A is a 8 input to 1 output DVI switcher with stereo audio. The switcher is designed to route up to 8 DVI sources with audio to a single display. The AT-DVI-81A is capable of passing extremely high resolutions up to 1920x1200 or 1080p. Each input is featured with a built-in repeater which will help to keep the original signal integrity. The DVI switcher is fully HDCP compliant, therefore it can be used along with HDMI sources. DVI/HDMI adapters or cables will be required. The Atlona 8x1 DVI Switcher could be controlled through IR remote, RS232 or manually via button selection on the front panel of the switcher.

Note: For applications where a customer would need the computer to sense a monitor at all times, even when the switcher is switched to a different computer, we recommend using our EDID Recorder, AT-DVISync. The user would require 1 x DVISync per computer.

Key Features:

- The Atlona AT-DVI-81A is designed to switch up to 4 computers to 1 monitor.
- Switcher is featured with 8 Stereo audio inputs and 1 Output
- Switcher is able to support high resolutions up to 1920x1200 (WUXGA) or 1080p (1920x1080)
- Fully HDCP compliant and therefore can also work with HDMI sources (DVI/HDMI adapters required)
- High Bandwidth Support up to 6.75Gbps allows high motion video and high resolutions to be passed through without any delay or degradation
- Ideal for home theater integration or commercial use
- Supports wide range of Computer resolutions from VGA to WUXGA (640x480 ~ 1920x1200)
- HDTV resolutions: 480i/480p, 576i/576p, 720p, 1080i & 1080p (50/60Hz)
- Switcher is compatible with all DVI enabled computers and monitors (DVI output has to be digital only)
- Supports Digital Video TMDS formats in Deep Color up to 36bits
- IR input jack, allows users to extend IR signal up to 1000ft from the switch
- Various control Options: IR, RS232 and Manual Push Button on the front panel
- Rack Mountable, comes with a set of rack ears – 1U

Technical Specifications:

- Type of Switcher: 8 input to 1 output DVI with Stereo Audio Switch
- DVI Input: DVI-I (Digital Only)
- Stereo Audio Input: 1/8-inch (3.5mm)
- Supported Resolutions: up to 1920x1200 or 1080p
- HDCP & EDID Compliant
- Input Signals: Video (TMDS) 0.5~1.0Vpp, DDC 5Vpp
- Various video input interface supporting digital video standards
 - RGB/YCbCr: 24/30/36-bits
 - YCbCr: 8/10/12/16/20/24-bits
 - Double data rate interface for RGB/YCbCr: 12/15/18-bits
- Various control options: IR, RS232 and Manual Push Button on the front panel
- Data Rates: 250Mbps to 6.75Gbps
- Infrared Frequency: 38 KHz
- Safety Approvals: CE, FCC, RoHS (2002/95/EC)
- Dimensions (LWH): 19"x 7.87" x 1.75"(482mm x 200mm x 44mm) – 1U
- Power Supply: DC12V / 1.25A (110~240V)
- Shipping Weight: 5.80 lb

Package Includes:

- AT-DVI-81A (8x1 DVI Switch with Stereo Audio)
- Operation Manual
- IR Remote Control
- 19 inch Rack Ears - 1U
- IR Extender allows user to connect an IR extension cable to the switcher and control the switch from up to 1000ft away.
- RS232 Cable
- Power Supply 12VDC, Universal Type 50/60Hz, 100~230 VAC