Atlona AT-PROHD44M-SR 4x4 HDMI MATRIX SWITCH WITH 4x CAT5 RECEIVERS INCLUDED AND 3D SUPPORT

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MODEL: AT-PROHD44M-SR

Atlona Technologies AT-PROHD44M-SR is a 4x4 HDMI Matrix Switcher over Twisted Pair designed to work as a switcher for multiple Audio/Video sources and displays. The unit is capable of switching HDMI signals between four sources (such as: BluRay player, HD set top boxes, game systems, etc.) and four displays. Because it is a matrix switch, any or all of the 4 inputs can simultaneously be switched to any or all of the outputs. Along with supporting HDMI 1.3 and HDCP Compliance, this switcher will support high definition video in multiple resolutions up to 1080p or 1920x1200 and 3D. Five switching modes are available including front panel buttons, local IR, IR call back from remote locations, RS485 and TCP/IP. The AT-PROHD48M-SR is capable of routing IR signals from remote locations to the main location where the switcher is. The IR emitters/receivers can control the switch as well as sources next to it. The Atlona AT-PROHD44M-SR has 4 dual outputs.*

*Dual Output: HDMI + Dual Twisted Pair output where both are active at the same time. Each output could be connected to either 2 displays or an AVR and a Display; however the signal from both outputs will be identical.

Key Features:

- **3D Capable**
- HDMI 1.3b, HDCP and EDID compatible
- 4 x CAT5/6/7 receivers are included
- Allows up to four HDMI sources to be independently switched to four HDMI outputs, where each output is featured with HDMI and Twisted pair connections and both are active at the same time
- The four outputs can show the same or different sources simultaneously
- Supports high definition resolutions up to 1920x1200 or 1080p
- Supports all latest HDMI audio formats including Dolby TrueHD and DTS-HD
- Switcher is featured with IR call back function which allows each remote location to send IR signals though CAT5/6/7 receivers back to the switch and further down to the nearby sources
- Each CAT5/6/7 output can go up to 165ft @ 1080p on CAT5/6 cables and up to 250ft @ 1080p on the CAT7 cable (tested with Tyco wire). If more distance is required, Atlona offers CAT5/6/7 repeater unit which can double the distance and allow chain up to 6 units
- Each input and output port is able to support HDMI or DVI signal. For DVI signal adapter will be required
- Six switching modes: panel buttons, local IR, IR call back from remote locations, RS485, RS232and TCP/IP.
- Rack Mountable, comes with 19-inch Rack-Ears

Technical Specifications:

- Video Formats Supported: HDTV: 480p/576p/720p/1080i/1080p (50/60Hz)
  Computer: 640x480, 800x600, 1024x768, 1280x800, 1280x768, 1280x1024, 1680x1050, 1600x1200, 1920x1080, 1920x1200 and many others (use EDID learning function to pass other resolutions)
- Audio Format Supported: All latest HDMI audio formats including Dolby TrueHD and DTS-HD
- HDMI Video Format: HDMI 1.3
- Maximum Output Distance (HDMI Outputs): 55ft
- Maximum Output Distance (RJ45 Outputs): 165ft @ 1080p on CAT5/6 cables and up to 250ft @ 1080p on the CAT7 cable (Tested with Tyco wire)
- Dimensions (inch): 17.3''L×7.9''W×1.7''H – 1U
- Main Unit Weight/Receiver: 6.5LB/0.3LB
- Input DDC Signal: 12v/4A (main unit) and 5v/1A (receivers)
- Power Consumption: 30W
- Operating Temperature Range: -5 to +35°C (-41 to +95 °F)
- Operating Humidity Range: 5 to 90 % RH (no condensation)
- Input Video Signal: 0.5-1.0 volts p-p

Package Includes:

- AT-PROHD44M-SR
- 4 x AT-PROHD-REC (CAT5/6/7 receivers)
- 4 x 5V/1A Power Supply (110/240v universal) – for receivers
- 1 x 12V/4A Power Supply (110/240v universal) – for the main switch
- 1 x IR Remote
- 1x IR receiver extension cable
- 4x IR (IR emitter cables)
- 1x RS232 to RS485 converter
- 1 x USB to RS232 adapter cable
- Operation Manual