Atlona AT-PROHD82M 8x2 HD VIDEO SCALER WITH 2 MATRIX OUTPUTS

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MODEL: AT-PROHD82M

Atlona Technologies AT-PROHD82M has big switching power in a compact 1U size. AT-PROHD82M is a Multi-Video Matrix Switcher featuring 8 inputs and 2 outputs; each having both HDMI and VGA connections. Both outputs are matrix and can display signals from any of the 8 inputs. This allows you to send audio and video signals across multiple displays and is great for multi-room applications. Be able to display a presentation from a computer on one display while video conferencing with a client on another at the same time; the possibilities and applications are endless. The AT-PROHD82M scales the outgoing video signal on both the HDMI and VGA outputs. The HDMI outputs are capable of displaying 720p and 1080p. The VGA outputs can display resolutions from SVGA 800x600 to WUXGA 1920x1200. The AT-PROHD82M is also an auto signal sensing switcher. Once a new device powers on, the AT-PROHD82M will automatically select that source and display it on the selected output device. It will also take the analog stereo audio from any of the inputs and send it out on the HDMI outputs. Take control with the On Screen Display, audio volume adjustment for each input, front IR receiver, two rear IR extensions, RS-232 and RS-485 for third party control systems.

Key Features:

- The AT-PROHD82M is an 8 input and 2 output matrix switcher and scaler
- Any of the 8 inputs with stereo audio can simultaneously route to any output; and the same input can route to all outputs or any other combination
- Multi-Video input signals include 2 x Composite, 2 x S-Video, 2 x Component, 2 x VGA and 2 x HDMI
- Composite, S-Video, Component and VGA are paired with stereo audio inputs
- Outputs include 2 x VGA + Stereo Audio and 2 x HDMI
- Signal sensing across all inputs automatically detects and changes input
- Direct video input selection by front panel buttons with LED readout
- Direct VGA output resolution selection. VGA resolution up to 1920x1200
- Stereo Audio volume adjustment on front panel
- OSD (On Screen Display) for menu, color, resolution and input source selection
- HDMI and HDCP compliant
- Supports RS-232 interface control driver software and third party control systems
- IR transceiver on front panel for IR remote control (included). External IR port on the rear panel supports extended distances up to 1,000 ft.
- 19" rack mount included, 1U unit height

Technical Specifications:

- Video Scaling Outputs:
    - 2x HDMI (Additional S/PDIF Digital Audio Output for each)
      2x VGA via HD-15 Female connector (Audio: 2x 3.5mm connectors)
- Video Input Signals:
    - TV Standards: NTSC-M 3.58, NTSC-J 4.43, PAL-B-D-I-G-H-K, PAL-M, PAL-N COMB-N, SECAM (Impedance 75 ohms)
    - Composite Video: 2x RCA connectors
    - S-Video (Y/C): 2x 4 pin Mini-Din Female connectors
    - Component Video (YPrPb): 2x (3x RCA connectors)
    - PC-VGA (RGBHV): 2x HD-15 Female connectors
    - HDMI: Digital Video, Digital Audio (PCM), 2x HDMI connectors
- Input Sources: 1 & 2 HDMI, 3 & 4 AV, 5 & 6 Component Video/Audio, 7 & 8 VGA
- VGA Output Resolutions: SVGA, XGA, SXGA, WXGA, WSGA+, WUXGA
- Video Bandwidth: 400MHz, (-3 dB)
- Audio Bandwidth: 60MHz, (-3 dB)
- Audio Frequency Response: 20Hz~20KHz
- Safety Approvals: CE, FCC and RoHS (2002/95/EC)
- Dimensions (LWH): 19" x 7.87" x 1.75" (482mm x 200mm x 44mm), 1U height
- Power Supply: 12V DC/3A
- Composite, S-Video and Component inputs paired with analog audio input (RCA) VGA inputs paired with analog audio input (3.5mm)

Package Includes:

- AT-PROHD82M multi source HD video scaler with matrix outputs
- IR Remote Control
- 12V DC/3A Universal Power supply 110/240 V
- Instruction Manual
- RS-232 cable
- 19" rack ears