

Atlona AT-AV4816 Atlona 48x16 Professional Composite Audio/Video Matrix Switch

Atlona 48x16 Professional Composite Audio/Video Matrix Switch. Model: AT-AV4816

The Atlona AT-AV4816 is an 48 input 16 output Commercial AV matrix switcher. The AT-AV4816 is one of the world's advanced matrix switchers. Is is capable of being controlled though RS232 via software included or via a third party control system. Switcher is designed to handle high quality video and audio signals without any degradation. The switcher is capable of routing audio signals in a different matrix then video if applicable.

This device is mainly used in broadcasting rooms, multi council-chambers, television teaching rooms and command centers.

Main Features:

- Power-Fail Protection, allows switcher to restore previous settings
- LCD display, shows all programmed commands and switcher responses
- Preset ability, allows user to save specific tasks under one of the 10 presets and call it back with shortcut
- RS232 Communication Control Input, allows to control switcher via included advanced Control software or Third Party Control System
- IR Remote Control
- Audio and Video could have a separate matrix modes (Example: Video in 1 ---> Video Out 2, while Audio in 1---> Audio Out 3)
- Inputs: 48 x AV female(1 x BNC female per input for video and 48 x screw audio terminals for balanced or unbalanced audio (Phoenix Connectors))
- Outputs: 16 x AV female (1 x BNC female per output for video and 16 x screw audio terminals for balanced or unbalanced audio (Phoenix Connectors))
- Connectors: AV Composite Audio/Video (BNC female for video and screw audio terminals for balanced or unbalanced audio)
- Compatible Formats: Composite AV (Composite Audio/Video)
- Lock Safe, allows user to lock unit from being accidentally switched to incorrect mode
- Undo Function, allows user to undo the incorrect operation and return to the previous setting
- Standard 19" Rack Mount Size - 11U

Technical Specifications:

- Bandwidth: 150MHz @ (-3dB), fully loaded
- Cross talk sum: 50dB @5MHz; -45dB @ 10 MHz
- Switching speed: 200 ns (Max)
- Signal type: Composite
- Video Connectors: BNC style (female)
- Audio Connectors: RCA style (female)
- Echo Loss: <-30dB@5MHz
- Audio Frequency: 20 Hz to 20 kHz
- Standard 19" Rack Mount Size -11U
- Connector: (BNC per input/output for video and screw audio terminals for balanced or unbalanced audio per input/output)
- Communication Port: RS232
- Impedance: 75 Ohm
- Temperature: 20C to +70C (-20 F to 158 F)
- Power Supply: 110V-240V (50-60Hz)
- Dimensions (mm): W 485 X H 465 X D 265
- Dimensions (inch): W 19 X H 18.32 X D 10.44
- Unit Weight: 16.8kg or 34LB
- Gross Package Weight: 37LB

Package Includes:

- 1 x AT-AV4816
- 1 x RS-232 Communication Cord
- 1 x Power Supply Cord (US)
- 1 x CD with RS232 Application Software
- 1 x IR Remote
- 1 x User's Manual and Quality Guarantee

Warranty:

2 year manufactures warranty (parts and labor)