

# Atlona AT-AV2416 Atlona 24x16 Professional Composite Audio/Video Matrix Switch

## Atlona 24x16 Professional Composite Audio/Video Matrix Switch. Model: AT-AV2416

The Atlona AT-AV2416 is an 24 input 16 output Commercial AV matrix switcher. The AT-AV2416 is one of the world's advanced matrix switchers. It is capable of being controlled through 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 than 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: 24 x AV female(1 x BNC female per input for video and 2-RCA female per input for audio)
- Outputs: 16 x AV female (1 x BNC female per output for video and 2-RCA female per output for audio)
- Connectors: AV Composite Audio/Video (BNC female for video RCA female for 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 - 7U

### 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 -7U
- Connector: RCA female (1 x BNC per input/output and 2 x RCA 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 285 X D 245
- Dimensions (inch): W 19 X H 11.22 X D 9.65
- Unit Weight: 9kg or 18LB
- Gross Package Weight: 21LB

### Package Includes:

- 1 x AT-AV2416
- 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 manufacturer's warranty (parts and labor)