

# 3x1 HDMI Auto Switch with 6ft HDMI Cable Pigtail AT-HAD-V31



## User Manual

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## INTRODUCTION

Atlona's AT-HAD-V13 is a high performance HDMI Switcher. It can easily switch between three sources to one display up to 6ft. It not only has the key-press-switching function, but also has an intelligent function. With one fixed 6ft HDMI cable (pigtail) this converter not only reduces cost but also saves time for consumers.

This kind of HDMI Switcher routes high definition video (in multiple resolutions up to 1080p) and digital audio from any one of the three sources to display units. All inputs accommodate the connections of the high definition video sources simultaneously; compatible with HD-DVD, SKY-STB, PS3, Xbox360 etc. The output sends the high definition audio/video signals to a high definition display.

### Intelligent Function:

- 1) Once the source device is turned on or plugged in (should stay on "power-on" mode), the switcher will automatically select this source.
- 2) Once the source device is turned off or unplugged, the switcher will select the next power-on source automatically, depending on the sequence.

**Note:** When the source devices are on stand-by mode, power supply should be turned off, otherwise this switcher will not meet intelligent function.

## FEATURES

Atlona's 3X1 HDMI Switcher has many features that enable it to perform in a superior manner. Among those features:

- Support with HDMI1.3b
- Support 12-bit Deep Color.
- 24K gold plated connector
- 6ft Length HDMI Length
- High performance up to 2.5Gbps
- Multifunctional on switching : intelligent or mechanical
- Maintains high resolution video, beautifully sharp HDTV resolutions up to 1080p, 2k, and computer resolutions up to 1920 x 1200 are easily achieved
- Support uncompressed audio such as LPCM
- Support compressed audio such as DTS Digital, Dolby Digital (including DTS-HD and Dolby True HD)
- HDMI pass-through
- HDCP pass-through

## PACKAGE CONTENTS

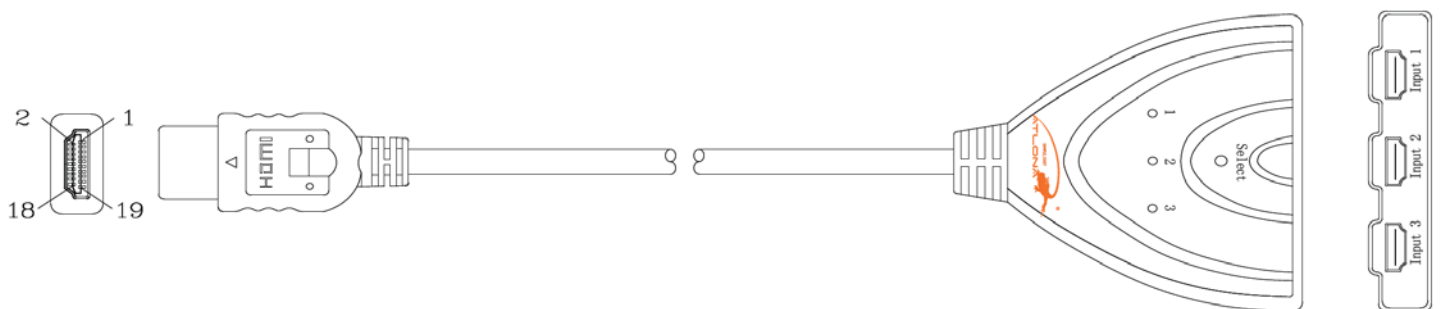
- Main unit
- User's Manual

## SPECIFICATIONS

Input Video Signal	0.5-1.0 volts p-p
Input DDC Signal	5 volts p-p (TTL)
Maximum Single Link Range	1920 x 1200, 1080p
Output Video	HDMI 1.3b + HDCP 1.0/1.1
Video format supported	DTV/HDTV: 480i/576i/480p/576p/720p/1080i/1080p
HDMI Compliance	HDMI 1.3b
Video Amplifier Bandwidth	2.5Gpbs/250MHz
Vertical Frequency Range	50/60Hz
Resolutions(HDTV)	Interlaced(50&60Hz): 480i,576i,1080i Progressive(50&60Hz): 480p,576p,720p,1080p
Operating Temperature	0°C to 70°C
Operating Humidity	10% to 85 % RH (no condensation)
Storage Temperature	-10°C to 80°C
Power Requirement	5% to 90 % RH (no condensation)
External Power Supply	No power needed

**Note:** Specifications are subject to change without notice.

## PANEL VIEW



## CONNECTION AND INSTALLATION

1) Connect the HDMI input sources into Atlona's 3X1 switcher. (Input cables are optional)

*\*Please refer to connection diagram section.*

2) Connect the fixed HDMI cable (pigtail) to display.

3) Press the "select" button to select input sources.

**Attention: Insert / Extract cable gently.**



## SAFETY INFORMATION

### Safeguards



To reduce the risk of electric shock, do not expose this product to rain or moisture



Do not modify the wall plug. Doing so will void the warranty and safety features.



If the wall plug does not fit into your local power socket, hire an electrician to replace your obsolete socket.



This equipment should be installed near the socket outlet and the device should be easily accessible in the case it requires disconnection.

### Precautions

FCC regulations state that any unauthorized changes or modifications to this equipment, not expressly approved by the manufacturer, could void the user's authority to operate this equipment.

Operate this product using only the included external power supply. Use of other power supplies could impair performance, damage the product, or cause fires.

In the event of an electrostatic discharge this device may automatically turn off. If this occurs, unplug the device and plug it back in.

Protect and route power cords so they will not be stepped on or pinched by anything placed on or against them. Be especially careful of plug-ins or cord exit points from this product.

Avoid excessive humidity, sudden temperature changes or temperature extremes.

Keep this product away from wet locations such as bathtubs, sinks, laundries, wet basements, fish tanks, and swimming pools.

Use only accessories recommended by Atlona to avoid fire, shock, or other hazards.

Unplug the product before cleaning. Use a damp cloth for cleaning and not cleaning fluid or aerosols.

Such products could enter the unit and cause damage, fire, or electric shock. Some substances may also mar the finish of the product.

Never open, remove unit panels, or make any adjustments not described in this manual. Attempting to do so could expose you to dangerous electrical shock or other hazards. It may also cause damage to your AT-HAD-V31. Opening the product will void the warranty.

Do not attempt to service the unit. Disconnect the product and contact your authorized Atlona reseller or contact Atlona directly.

## WARRANTY

### Limited Warranty

Atlona Technologies warrants that (a) its products (the AT-HAD-V31) will perform substantially in accordance with the accompanying written materials for a period of 3 years from the date of receipt and (b) that the product will be free from defects in materials and workmanship under normal use and service for a period of 3 years. In the event applicable law imposes any implied warranties, the implied warranty period is limited to 3 years from the date of receipt. Some jurisdictions do not allow such limitations on duration of an implied warranty, so the above limitation may not apply to customers that fall within those areas.

### Customer Remedies

Atlona Technologies' and its suppliers' entire liability and Customer's exclusive remedy shall be, at Atlona Technologies' decision, either return of the price paid for the product, repair, or replacement of the product that does not meet this Limited Warranty and which is returned to Atlona Technologies with a copy of the Customer's receipt. This Limited Warranty is void if failure of the product has resulted from accident, abuse, misapplication, or natural occurrence. In example but not limited to: power surges (electrical storms, local power outage), dropping the product (or items on the product), contact with fluids, and physical misconduct (i.e. kicking or punching). Any replacement product will be warranted for the remainder of the original warranty period.

### No other warranties

To the maximum extent permitted by applicable law, Atlona Technologies and its suppliers disclaim all other warranties, either expressed or implied, including, but not limited to, implied warranties of merchantability and fitness for a particular purpose, with regard to the product and any related written materials. This Limited Warranty gives customer specific legal rights. Customers may have other rights depending on the jurisdiction.

### No liability for damages

To the maximum extent permitted by applicable law, in no event shall Atlona Technologies or its suppliers be liable for any damages arising out of the use of or inability to use this product, even if Atlona Technologies has been advised of the possibility of such damages. Such damages include but are not limited to: special, incidental, consequential, or indirect damages for personal injury, loss of business profits, business interruption, loss of business information, or any other pecuniary loss.

Atlona Technologies' and its suppliers' entire liability under any provision of this agreement shall be limited to the amount actually paid by you for the product. Some Jurisdictions do not allow the exclusion or limitation of liability for consequential or incidental damage. The above limitations may not apply to you in such jurisdictional cases.

## ATLONA PRODUCT REGISTRATION

Thank you for purchasing this Atlona product. - We hope you enjoy it and will take an extra few moments to register your new purchase.

Registration creates an ownership record if your product is lost or stolen and helps ensure you'll receive notification of performance issues and firmware updates.

At Atlona, we respect and protect your privacy, assuring you that your registration information is completely secure. Atlona product registration is completely voluntary and failure to register will not diminish your limited warranty rights.

To register go to: **<http://www.atlona.com/registration>**