Atlona 7" PRO HD Monitor with HDMI, VGA and Component Inputs

AT-DIS7-PROHD

User Manual

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Introduction

The Atlona AT-DIS7-PROHD is a 7" testing monitor designed for those looking to test cabling and the installation of different components. This monitor is useful where displays are in a remote location or not yet present. This portable display will recognize any HDMI, DVI, VGA or Component Video source at resolutions up to 1080p or 1920x1200 (including a huge variety of other HDTV and Computer Resolutions), and allow integrators and installers to observe both audio and video signals in real time. The AT-DIS7-PROHD can be used to test 3D sources, even though it is not a 3D monitor; however when 3D signal will be sent to it, the monitor will display that it is receiving 3D content.

The AT-DIS7-PROHD is featured with tripod inputs on top and bottom of the unit and also the ability to be rack-mounted (size 4U). The Rack Ears could be purchased separately.

Note: Users can purchase an optional battery which can last approximately 5 hours, model # AT-BAT-DIS7PRO

Applications

• Residential or Commercial Installation. The AT-DIS7-PROHD is a very handy (must have) tool which helps to make sure that all cables, extenders, switchers, AV receivers are passing proper signal before the installation is finished. Most installations are done far before the displays arrive; Therefore AT-DIS7-PROHD is a perfect tool to make sure everything works. The AT-DIS7-PROHD is recommended to be used with AT-HD800 (HDMI Signal Generator) and it will allow installer to test every resolution, HDCP, EDID and even 3D.
• Cable, Source Manufactures. Manufactures could be using AT-DIS7-PROHD in their QC department to make sure certain frequencies and resolutions are working.
• Monitoring. The AT-DIS7-PROHD is a perfect addition to any rack unit, allows user monitor all signals which are going out and troubleshoot without walking around the building to look at the display which could be 100s of feet away. User can purchase a set of rack mounting ears: AT-RK-DIS7PRO. Total size would be 4U
• Broadcast. The AT-DIS7-PROHD is a perfect tool for any camera man or video operator who wants to quickly see what is being recorded or view some footage. The AT-DIS7-PROHD has a tripod connection on top and bottom.

Package Contents

• Atlona 7" PRO HD Monitor with HDMI, VGA and Component Inputs
• 5V/2.6A DC power adaptor (optional battery can be purchased Model: AT-BAT-DIS7PRO)
• VGA to Component Video Cable
• Manual

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Connecting technology to your world

Features

- 7" PRO HDMI, DVI, VGA and Component Testing Display
- Supports Resolutions from 640x480 to 1920x1200 and 480p to 1080p
- HDMI 1.3c input which is fully compatible with DVI and able to accept all VESA DVI Resolutions
- HD15 input for testing VGA signals and component signals (VGA to Component Adapter is included)
- Professional Quality Display, offers great brightness and contracts
- Capable of 3D testing, when 3D content is being sent, the monitor will display a message "3D Content is being Received"
- Supports Deep Color 24, 30 and 36 bit
- Built-in Speakers
- Manual panel button control

Specifications

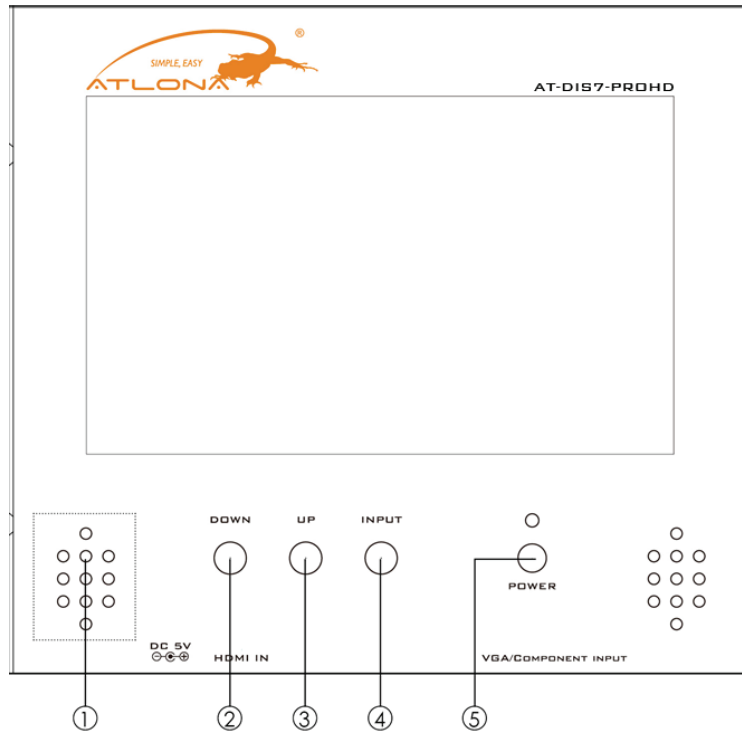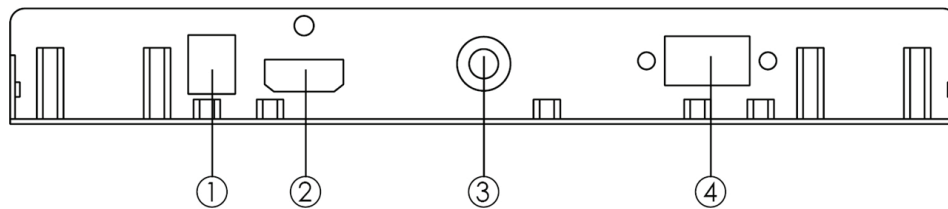|	
Screen size	7" diagonal
Max Input Resolution	1080p or 1920x1200
TDMS	6.75 Gbps
Inputs	1 x HDMI
	1 x HD15
Resolutions support	**Video**: 480i, 576i, 1080i 50/60, 480p, 576p, 720p 50/60, 1080p 50/60
	Vesa: VGA~WUXGA, 640x480 ~1920x1200
Refresh Rate	50/60 Hz
Deep Color	Supports 8, 10 and 12bit - per color (x3)
Embedded Speakers	2W
Tripod input holes	2 x 1/4"
Power Requirements	5V/1.9A (User can purchase an optional battery)
Dimensions (WxHxD)	7.7 x 7.1 x 1
Weight (unit only)	2.5LB
Power Supply	5V/2.6A DC (Universal)
Power Consumption	9.6W
Operating Temperature	0°C ~ 40°C / 32°F~104°F
Storage Temperature	-20°C ~60°C / -4°F~140°F
Relative Humidity	20~90% RH (non-condensing)

Operation Controls and function

Front

1. Output Speakers: These are the two built-in speakers for sound. Also controls Menu and EDID
2. DOWN: Press this button to lower the audio output volume. Also controls Menu and EDID
3. UP: Press this button to raise the audio output volume.
4. INPUT: Press this button to select input signal from HDMI/DVI to VGA/Component
5. POWER & LED: Press this button to turns the AT-DIS7-PROHD ON or OFF

Back

1. DC 5V: This input is for 5V power supply. If optional battery is used, the power supply is not required.
2. HDMI/DVI IN: This input is for user to connect a source device such as DVD, Cable Box, Generator or any other. This input can be used for either HDMI or DVI sources
3. Tripod hole: Thread is ¼" designed for users to attach the AT-DIS7-PROHD to a tripod.
4. VGA/COMPONENT INPUT: This input is for user to connect a source device such as DVD, Cable Box, Computer, Generator or any other. This input can be used for either VGA to Component Video Sources; the VGA to Component cable is included.

On-screen Display Menu

The On-screen Display Menu can be moved so that you may have the input source menu and AT-DIS7-PROHD menu going at the same time. Press the up arrow or down arrow to change the position that the OSD Menu is at.
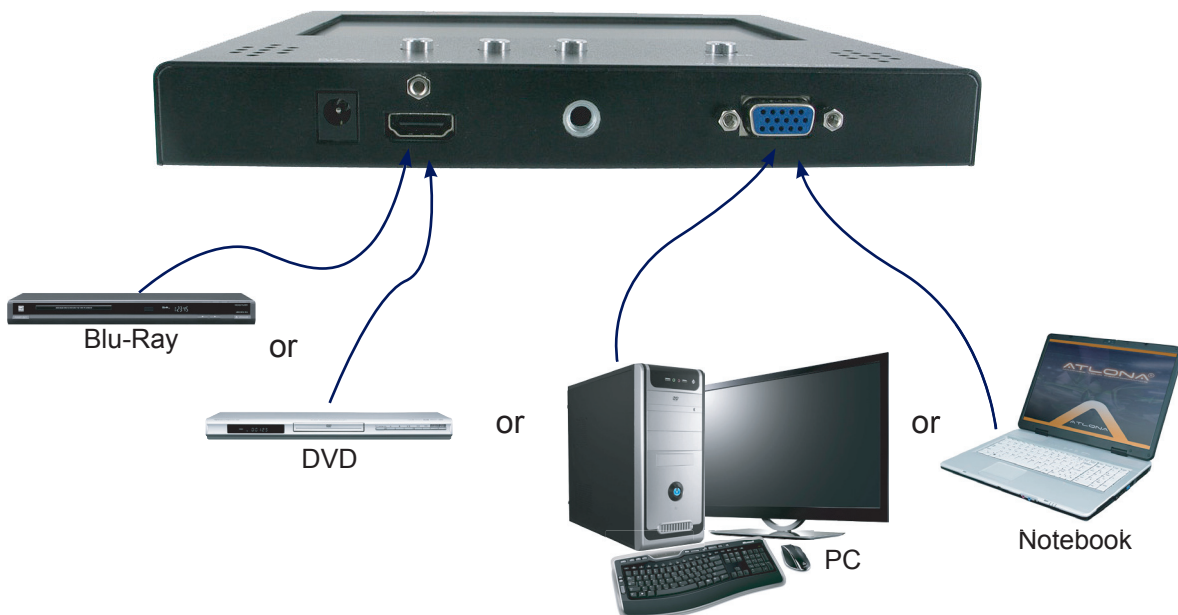
NOTE: Before plugging in the source, change the OSD Menu position. Once an input is plugged in the arrow buttons will only change volume.

EDID

The AT-DIS7-PROHD has the ability to copy the EDID of the video display. Press the up arrow and the down arrow simultaneously to start copying. The message "Check DDC..." will appear on the display screen while in process. Once done you will see either a red or green message. The green will indicate the copy process was successful, while the red will indicate the copy process has failed.

NOTE: There is no last memory. Once the AT-DIS7-PROHD has lost power or has been manually shut off, the EDID Copy and OSD Menu will reset to factory settings.

Connection and Installation

Blu-Ray   or

DVD   or   PC   or   Notebook

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-DIS7-PROHD. 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-DIS7-PROHD) 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, or misapplication. 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