



ATLONA
PROFESSIONAL VIDEO SCALER WITH DUAL
HDMI OUTPUT
AT-LINE-PRO3

USER MANUAL



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INTRODUCTION

Atlona's AT-LINE-PRO3 supports up to 11 simultaneous video inputs: 1x VGA source, 1x S-Video source, 2x AV (composite) sources, 2x YPbPr sources with analog audio, 4x HDMI sources and 1x DVI-I source with analog or digital audio (via optical), if both of the analog and digital audio are connected, the digital audio has the priority. The analog audio from the input is digitized and embedded on the HDMI output connection as well as the digital audio outs.

The HDMI outputs also have separate analog audio output. One of the HDMI inputs supports 5.1ch audio. The AT-LINE-PRO3 allows you to upscale and switch your standard definition or high definition sources to resolutions from 720P up to 1080P. The two HDMI outputs work simultaneously and output the same signal. Some given VESA formats can be bypassed under VGA and DVI-I port.

The AT-LINE-PRO3 equalizes and amplifies signal to ensure the HDMI signal's transmission through long cable without quality loss. This unit offers solutions for Home digital entertainment centers, HD digital signage, Data center control, Information distribution, conference room presentation, school and corporate training environments.

Note: The switching is done by using IR remote control, RS232 or the buttons on the front panel. Any HDTV with DVI inputs can be connected to the HDMI output of the AT-LINE-PRO3 by using a HDMI to DVI adapter.

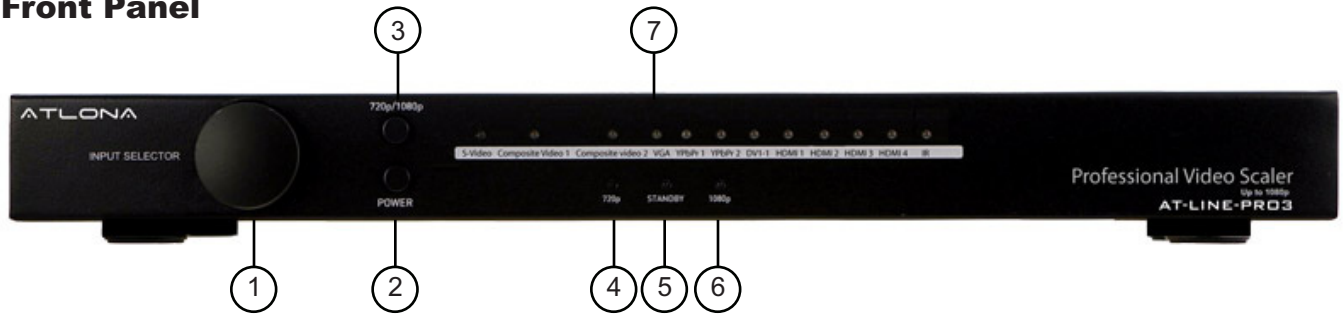
FEATURES:

- 11-inputs - 2 outputs. multi-function video scaler, converts AV, S-video, YPbPr, VGA, DVI-I and HDMI signal to two mirrored HDMI outputs with resolutions of 720P - 1080P.
- Allows display to view any source at any time.
- Bypass function under VGA and DVI-I port.
- One HDMI input with support for 5.1 channel surround.
- DVI-I support both analog and digital input with analog L/R and optical audio.
- Additional audio output: Analog L/R and Digital Optical.
- Delivers uncompressed digital video with zero signal loss.
- Supports high definition resolutions 1080P, 1080i, 720P and standard video formats.
- 10-bit triple-ADC for RGB/YPbPr.
- Multiple switching modes: IR remote, RS232 and manual input.
- Dual 3-D motion adaptive video de-interlacers.
- 3-D video noise reduction.
- HDMI V1.2 compatible.

PACKAGE CONTENTS:

1. Main unit AT-LINE-PRO3
2. Power Supply, 5VDC
3. Operating Instructions.
4. Remote.
5. IR extension cable.

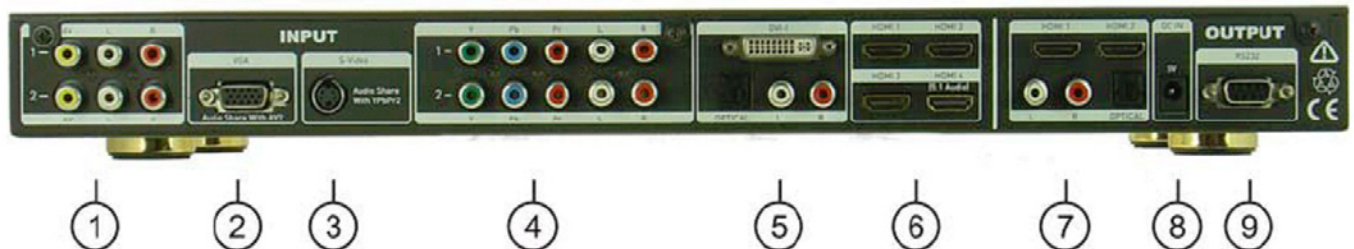
Front Panel



1. Input selection button.
2. Power standby button.
3. Output format selector. (720P, 1080P and *bypass.)
4. 720P Indicator.
5. Power standby Indicator. (when power standby, the LED is on.)
6. 1080P Indicator.
7. Input source Indicator.

** Bypass function is useful under VGA and DVI-I port.*

Rear Panel



1. Input port for AV1 and AV2 with audio R/L. (composite)
2. Input port for VGA.
3. Input port for SV.
4. Input port for YPbPr1 and YPbPr2 with audio R/L.
5. Input port for DVI-I with audio R/L and optical.
6. Input port for HDMI1 to HDMI4, HDMI4 supports audio 5.1.
7. Output port for HDMI1 and HDMI2 with audio R/L and optical.
8. Power input.
9. RS232 port.

CONNECTION AND OPERATION

1. Connect the HDMI input sources (such as HD-DVD, PS3, STB etc.) to AT-LINE-PRO3.
2. Connect the HDMI outputs (such as HDTV or HD projector) to AT-LINE-PRO3.
3. Power on the input source you want to show. (Keep the unused input unit's power off, otherwise it may interfere the normal display.)
4. Connect the power supply into AT-LINE-PRO3 and turn on the display you want to view.
5. Use remote or rolling the button to choose input source.

NOTE:

VGA and AV2 share the same L/R audio input. S-video and YPBPR2 share the same L/R audio input.

AT-LINE-PRO3 accepts AV, SV, VGA, YPbPr, DVI-I and HDMI inputs. The formats supported by these inputs are as follows:

AV/SV	PAL, NTSC
YPbPr/HDMI	480i@60HZ 480P@50/60HZ 576i@50HZ 720P@50/60HZ 1080i@50/60HZ 1080P@50/60HZ
VGA@60HZ	800x600, 1024x768, 1152x864, 1280x960, 1280x1024, 1440x900, 1600x1200, 1920x1200
DVI@60HZ	800x600, 1024x768, 1152x864, 1280x720, 1280x960, 1280x1024, 1440x900, 1600x1200, 1920x1080, 1920x1200
VESA-BYPASS@60HZ	800x600, 1024x768, 1280x720, 1280x960, 1280x1024, 1440x900, 1600x1200, 1920x1080

Attention:

1. This equipment has memory. When restarting this machine, input selection will match setting previous to powering down.
2. Under bypass mode, the indicators of output will be off.
3. Under bypass mode, when switching from VGA or DVI-I to other inputs, the output will be in 1080P.
4. The output will be 1080P when powered on from bypass mode.
5. The bypass key is only useful under VGA and DVI-I port.
6. Besides the given VESA format, the output will be automatically 1080P.

IR REMOTE

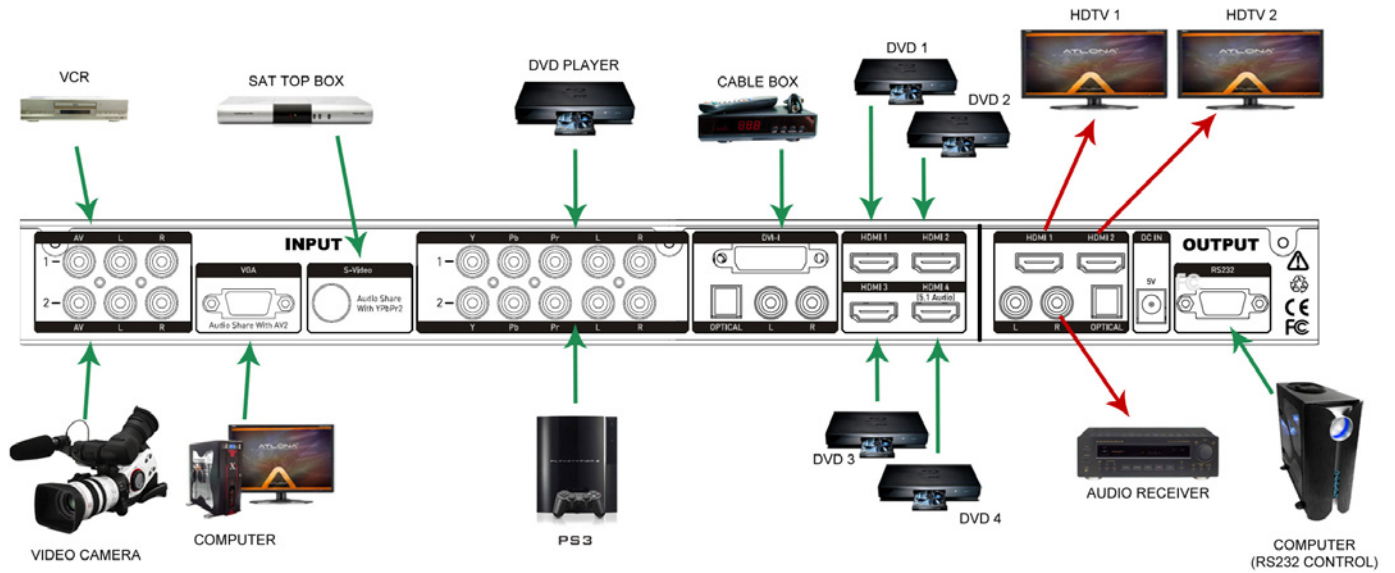


SPECIFICATIONS

Operating Temperature Range	-5 to +35°C (-41 to +95°F)
Operating Humidity Range	5 to 90% RH (no condensation)
Input Video Signal	0.5-1.0 volts p-p
Input DDC Signal	5 volts p-p (TTL)
Output Video	HDMI 1.2
Maximum Transmission Distance	<15 (If needed, HDMI extender is optional)
Power Consumption	15watts (Max)
Power Supply	5VDC
Dimensions	440mmLx202mmWx42mmH/17.3"Lx7.9"Wx1.7"H
Mass (Main Unit)	2.1kgs/4.6lb

**Note: Specifications are subject to change without notice. Mass and dimensions are approximate.*

CONNECTION DIAGRAM



Safeguards

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

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

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

This equipment should be installed near the socket outlet and the device should be easily accessible in 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 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. Do not use cleaning fluid or aerosols, which could enter the unit and cause damage, fire or electrical shock. Some substances may also mar the finish of the product.

Never open or 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-LINE-PRO3. Opening the product will void the warranty.

Do not attempt to service the unit. Instead disconnect it and contact your Authorized ATLONA reseller or contact ATLONA directly.

WARRANTY

LIMITED ONE-YEAR WARRANTY

ATLONA by Lenexpo Electronics warrants only to the initial purchaser of this product for a period of one year from the date of purchase from an Authorized ATLONA Reseller, the product will be free of electrical and mechanical defects that materially affect the products operation as described in this users manual. Within this period, ATLONA will, at it's sole option, repair or replace any components, which fail of normal use or refund the net original price.

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