



## ATLONA 4:1 VGA SWITCHER WITH AUDIO

### AT-PC-41A



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## USER MANUAL



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## INTRODUCTION

THANK YOU FOR PURCHASING THE AT-PC-41A VGA SWITCHER. THIS PRODUCT HAS MANY INNOVATIVE FEATURES THAT WILL PROVE ABSOLUTELY USEFUL TO YOU. PLEASE READ THESE INSTRUCTIONS CAREFULLY AS IT WILL GUIDE YOU THROUGH THE MOST OF THE SETUP PROCESS. IN CASE OF ASSISTANCE WITH TROUBLESHOOTING, PLEASE CONTACT US.

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# 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.

## DISCLAIMER OF WARRANTY

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## LIMITATION OF LIABILITY

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## SAFETY INFORMATION

### 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.
- 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.

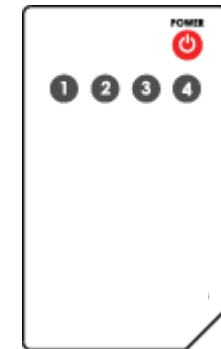
### PRECAUTIONS

- 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.
- 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-AVSC41. OPENING THE PRODUCT WILL VOID THE WARRANTY.
- DO NOT ATTEMPT TO SERVICE THE UNIT. INSTEAD DISCONNECT IT AND CONTACT YOUR AUTHORISED ATLONA RESELLER OR CONTACT ATLONA DIRECTLY.

4:1 VGA SWITCHER



IR REMOTE CONTROL



UNIVERSAL POWER SUPPLY



VGA CABLE



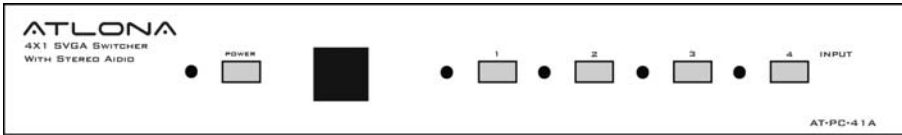
## BEFORE YOU BEGIN

**HDMI: THIS TYPE OF CONNECTION IS CAPABLE OF CARRYING A RANGE OF RESOLUTIONS - NTSC 480i, PAL 576i AND HDTV RESOLUTIONS. THIS SWITCHER WILL PASS ALL RESOLUTIONS UP TO 1080P. PLEASE MAKE SURE THAT YOUR SOURCES, WHICH ARE TO BE CONNECTED TO YOUR DISPLAYS THROUGH THIS SWITCH, COMPLY WITH YOUR DISPLAYS CAPABILITIES. SOME DISPLAYS ARE NOT CAPABLE OF ACCEPTING 480i AND 576i ON HDMI INPUT. PLEASE MAKE SURE THAT THE TOTAL LENGTH OF YOUR CABLES, FROM SOURCE TO DISPLAY, DOES NOT EXCEED 20M/66FT. IN CASE IT DOES, YOUR SYSTEM MIGHT REQUIRE A BOOSTER, REPEATER OR AN EXTENDER.**

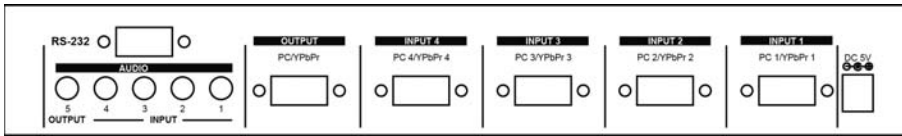


## ILLUSTRATION

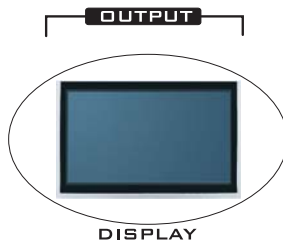
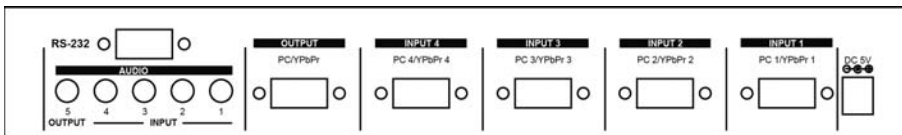
### FRONT PANEL



### REAR PANEL



## INSTALLATION



## SET-UP

### ATLONA AT-PC-41A SPECS/FEATURES:

- RESOLUTIONS UP TO 1080P/1920X1200
- BANDWIDTH: 650MHZ (-3DB)
- STEREO ANALOG AUDIO
- RS-232 CONTROL PORT
- DIMENSIONS IN MM: 292(W) X 73(D) X 44(H)

### CONNECTIONS

**STEP 1.** CONNECT VGA CABLES AND MINI AUDIO CABLES TO YOUR SOURCES AND TO AT-PC-41A.

**STEP 2.** CONNECT VGA CABLE AND MINI AUDIO CABLE TO YOUR DISPLAY AND TO AT-PC-41A.

**STEP 3.** PLUG THE SUPPLIED AC/DC ADAPTER INTO THE POWER SOCKET AND THE OTHER END INTO THE SWITCHER.

### OPERATION

WHEN THE SWITCHER IS PLUGGED IN, THE LED TO THE LEFT OF THE POWER BUTTON WILL LIGHT UP, NOTIFYING YOU THAT THE SWITCHER IS ACTIVE.

### SWITCHING

AT-PC-41A CAN BE SWITCHED USING A SWITCHER FRONT PANEL OR AN INFRARED REMOTE CONTROL.

#### FRONT PANEL.

THE SWITCH HAS FIVE BUTTONS ON THE FRONT PANEL OF THE SWITCHER TO THE LEFT. THE BUTTON ON THE LEFT IS A "POWER" BUTTON, WHICH CONTROLS THE ON/OFF FUNCTIONS OF THE SWITCHER. FOUR BUTTONS TO THE RIGHT OF "POWER" BUTTON CONTROL THE MANUAL INPUT SELECTION. PRESSING EACH ONE OF THE BUTTONS WILL MAKE THE SWITCHER SHIFT TO THE DESIRED INPUT AND WILL LET YOU KNOW ON WHICH INPUT IS CURRENTLY IN USE BY ILLUMINATING ONE OF THE LED'S.

#### IR REMOTE.

AN INFRARED REMOTE CONTROL FOR THIS SWITCHER HAS 5 BUTTONS AND IT FUNCTIONS IN A SIMILAR FASHION TO THE SWITCHER'S FRONT PANEL. BY DIALING EACH ONE OF THE INPUTS ON THE REMOTE CONTROL WILL MAKE THE SWITCHER SHIFT TO A DIALED INPUT AND WILL LET YOU KNOW ON WHICH INPUT IS CURRENTLY IN USE BY ILLUMINATING ONE OF THE LED'S ON THE FRONT PANEL OF THE SWITCHER.

#### RS-232.

THIS TYPE OF CONNECTION WAS INTERGRATED IN ORDER TO CONTROL THE SWITCHER FROM A DISTANT DEVICE SUCH AS PC OR A CONTROLLER UNIT.