



ATLONA HDMI 2:1 0 DISTRIBUTION AMP./SWITCH

AT-HDMI-210



ATLONA BY LENEXPO ELECTRONICS
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USER MANUAL



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INTRODUCTION

THANK YOU FOR PURCHASING THE AT-HDMI-210 HDMI DISTRIBUTION AMP./SWITCH. 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

ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED TO ONE YEAR FROM PURCHASE; ALL OTHER EXPRESS OR IMPLIED CONDITIONS, REPRESENTATIONS AND WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF NON-INFRINGEMENT, ARE DISCLAIMED. Some jurisdictions do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary by jurisdiction.



LIMITATION OF LIABILITY

TO THE EXTENT NOT PROHIBITED BY LAW, IN NO EVENT WILL ATLONA OR ITS SUPPLIERS BE LIABLE FOR ANY LOST REVENUE, PROFIT OR DATA, OR FOR SPECIAL, INDIRECT, CONSEQUENTIAL, INCIDENTAL, OR PUNITIVE DAMAGES, HOWEVER CAUSED REGARDLESS OF THE THEORY OF LIABILITY, ARISING OUT OF OR RELATED TO THE USE OF OR INABILITY TO USE THE PRODUCT, EVEN IF ATLONA HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. IN NO EVENT ATLONA'S LIABILITY TO YOU, WHETHER IN CONTRACT, TORT (INCLUDING NEGLIGENCE), OR OTHERWISE, EXCEED THE AMOUNT PAID BY YOU FOR THE PRODUCT. The foregoing limitations will apply even if any warranty or remedy provided to you fails its essential purpose. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of or exclusion may not apply to you.

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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.

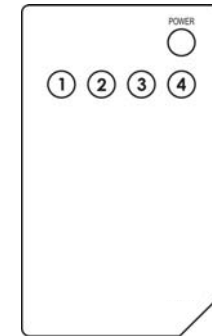
PRECAUTIONS

- 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.

2:10 HDMI Distribution AMPLIFIER



IR REMOTE CONTROL



UNIVERSAL POWER SUPPLY



USER MANUAL



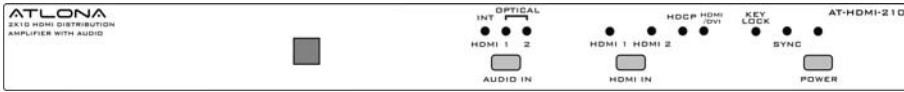
BEFORE YOU BEGIN

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

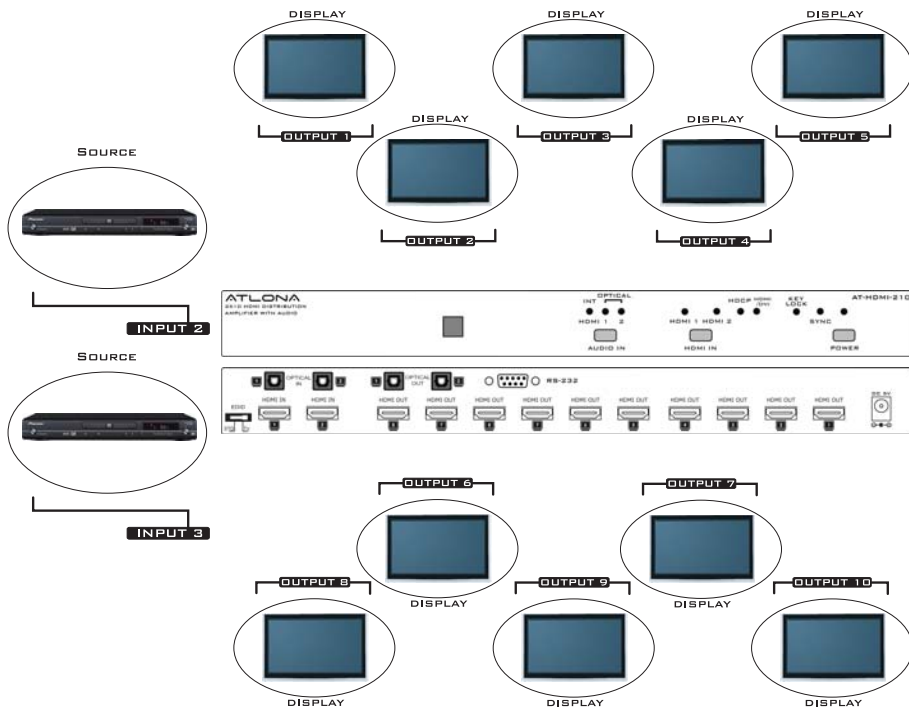
FRONT PANEL



REAR PANEL



INSTALLATION



SET-UP

CONNECTIONS:

STEP 1. CONNECT HDMI CABLES TO YOUR SOURCE AND TO THE INPUTS OF AT-HDMI-210.

STEP 2. CONNECT HDMI CABLES TO YOUR DISPLAYS AND TO THE OUTPUTS OF AT-HDMI-210.

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

OPERATION:

WHEN THE DISTRIBUTION AMPLIFIER IS PLUGGED IN, THE LED ABOVE THE POWER BUTTON WILL LIGHT UP, NOTIFYING YOU THAT THE AMPLIFIER IS ACTIVE.

SWITCHING

AT-HDMI-210 CAN BE SWITCHED USING A SWITCHER FRONT PANEL OR AN INFRARED REMOTE CONTROL. IT'S UNIQUE DESIGN ALLOWS TO SEND A SIGNAL FROM ANY ONE OF THE 2 INPUTS TO ALL 10 OUTPUTS SIMULTANEOUSLY.

FRONT PANEL.

THE SWITCH HAS 3 BUTTONS ON THE FRONT PANEL OF THE SWITCHER. A BUTTON FAR TO THE RIGHT IS A POWER BUTTON. THE BUTTON IN THE MIDDLE IS A MANUAL HDMI INPUT CYCLE BUTTON. PRESSING THIS BUTTON WILL MAKE THE SWITCHER CYCLE THROUGH THE HDMI INPUTS AND WILL LET YOU KNOW ON WHICH INPUT IS CURRENTLY IN USE BY ILLUMINATING ONE OF THE LED'S. BUTTON TO THE LEFT IS AN AUDIO SELECT BUTTON. THAT BUTTON ALLOWS TO CHOOSE BETWEEN HDMI AUDIO, TOSLINK 1 AND TOSLINK 2.

IR REMOTE CONTROL.

REMOTE CONTROL HAS FOUR BUTTONS. BUTTON 1 CONTROLS CYCLING THROUGH HDMI INPUTS 1&2, WHILE BUTTONS 2, 3 & 4 CONTROL AUDIO SWITCHING (HDMI, OPT1, OPT2)

FIBER OPTIC AUDIO (TOSLINK). THE OPTION OF SWITCHING AUDIO IN BETWEEN 2 OPTICAL INPUTS AND HDMI WILL OUTPUT THE SIGNAL TO THE SAME CLASS OUTPUT AS THE INPUT. EXAMPLE: INPUT - OPTICAL, THEN OUTPUT WOULD ALSO BE OPTICAL. INPUT - HDMI, THEN OUTPUT WOULD ALSO BE HDMI.

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.

LED'S.

HDCP, HDMI/DVI, KEY LOCK AND SYNC LED'S ARE FOR YOUR CONVENIENCE AND ARE THERE TO NOTIFY YOU, WHICH PART OF THE AMPLIFIER/SWITCHER IS CURRENTLY ACTIVE. THOSE AREAS ARE AUTOMATICALLY CONTROLLED AND DO NOT REQUIRE USER INTERACTION.