

**ATLONA<sup>®</sup>**  
MAXIMIZE YOUR PERFORMANCE

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**ATLONA COMPONENT SWITCH  
WITH IR LEARNING  
AT-CV41R**



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**USER MANUAL**

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## INTRODUCTION

THANK YOU FOR PURCHASING THE AT-CV41R VIDEO SWITCHER. THIS PRODUCT HAS MANY INNOVATIVE FEATURES THAT WILL PROVE ABSOLUTELY USEFULL 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-CV41R**. 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.

### COMPLIANCE CERTIFICATION

THIS PRODUCT COMPLIES TO THE FOLLOWING DOMESTIC AND INTERNATIONAL REGULATIONS AND STANDARDS.

ELECTROMAGNETIC COMPATIBILITY EMC DIRECTIVE FCC- PART 15, EN55022, EN 55024.

SAFETY UL 60950-1, CSA 60950-1, EN 60950-1, IEC 60950-1, CB SCHEME

## PACKAGE CONTENTS

### 4:1 COMPONENT VIDEO/ STEREO AUDIO SWITCHER WITH IR LEARNING



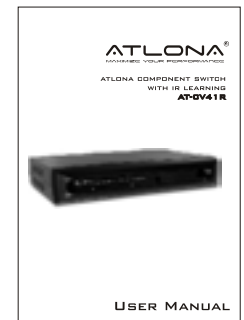
#### UNIVERSAL POWER SUPPLY 100~240V AC



#### REMOTE CONTROL



#### USER MANUAL



## BEFORE YOU BEGIN

**COMPONENT VIDEO:** THIS TYPE OF CONNECTION HAS 3 DIFFERENT CATEGORIES - NTSC 480i, PAL 576i AND HDTV SIGNAL TYPES 720P AND 1080i. PLEASE MAKE SURE THAT YOUR SOURCES, WHICH ARE TO BE CONNECTED TO YOUR DISPLAY THROUGH THIS SWITCH, COMPLY WITH YOUR DISPLAY CAPABILITIES.

**COMPOSITE VIDEO:** THIS TYPE OF CONNECTION HAS 2 DIFFERENT CATEGORIES - NTSC 480i AND PAL 576i. PLEASE MAKE SURE THAT YOUR SOURCES, WHICH ARE TO BE CONNECTED TO YOUR DISPLAY THROUGH THIS SWITCH, COMPLY WITH YOUR DISPLAYS CAPABILITIES.

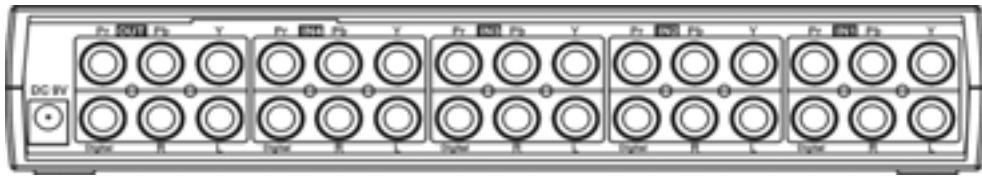
**S-VIDEO:** THIS TYPE OF CONNECTION HAS 2 DIFFERENT CATEGORIES - NTSC 480i AND PAL 576i. PLEASE MAKE SURE THAT YOUR SOURCES, WHICH ARE TO BE CONNECTED TO YOUR DISPLAY THROUGH THIS SWITCH, COMPLY WITH YOUR DISPLAYS CAPABILITIES.

## ILLUSTRATION

FRONT



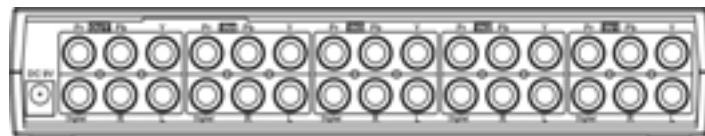
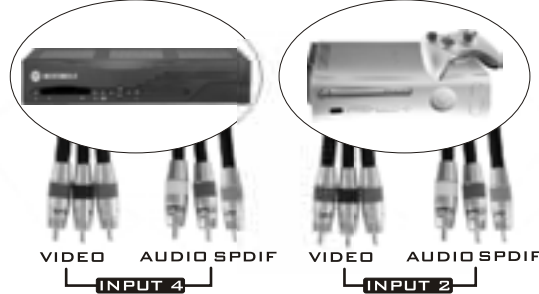
REAR PANEL



## INSTALLATION

CABLE/SAT RECEIVER

GAME CONSOLE

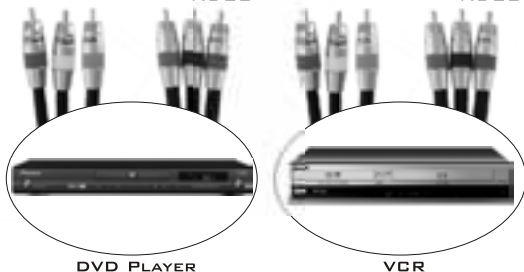


OUTPUT

INPUT 3

INPUT 1

AUDIO SPDIF VIDEO AUDIO SPDIF VIDEO



## SET-UP

ATLONA AT-CV41R SWITCHER WAS DESIGNED TO OPERATE IN TWO DIFFERENT MODES - MANUAL OR IR LEARNING.

### CONNECTIONS

CONNECT COMPONENT VIDEO CABLES AND STEREO AUDIO CABLES BETWEEN YOUR SOURCES AND THE AT-CV41R. YOU ALSO CAN CONNECT SPDIF (DIGITAL AUDIO) CABLE, IF IT IS APPLICABLE TO YOUR DEVICES. WHEN CONNECTING VIDEO CABLES, PLEASE MAKE SURE THAT COLOR CODING IS PRECISELY MATCHED. FAILING TO DO SO MAY RESULT A DISTORTED IMAGE OR BLANK SCREEN.

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

### IR LEARNING MODE

STEP 1:

HOLD THE LEARN KEY ON THE FRONT PANEL FOR MORE THEN 4 SECONDS. THE LED INDICATOR WILL FLASH. AT THE SAME TIME, PLEASE RELEASE THE KEY. THE SWITCH BOX WILL BE IN THE IR R/C LEARNING MODE.

STEP 2:

THE CH1 LED INDICATOR WILL FLASH. AT THE SAME TIME BEAM YOUR IR REMOTE CONTROLLER TO THE IR RECEIVING WINDOW OF THE AT-CV41R AND PRESS ANY KEY FOR SELECTING CHANNEL 1, SAY NUMBER 1, CH1 LED WILL BE OFF. THE AT-CV41R WILL STORE THE CORRESPONDING CODE AS THE COMMAND TO CHANGE THE INPUT TO CH1.

STEP 3:

REPEAT STEP 2 FOR CH2,3 AND 4.

\*YOU CAN PRESS THE LEARN KEY TO ABORT IR LEARNING MODE. DURING THE LERNING PROCCSS EACH FUNCTION KEY SHOULD BE DEFINED WITHIN 8 SECONDS. IF YOU DO NOT SET THE RELATED KEY WITHIN 8 SECONDS, YOU WILL NEED TO DO IT AGAIN, WITH PREVIOUS STEPS.

### MANUAL MODE

PRESS AND RELEASE THE LEARN KEY MANUALLY SWITCH INPUTS BETWEEN CHANNELS 1,2,3 AND 4.