

# Grandbeing®

## HDMI Converter

Model No. SH0101-00V

**Operating Instructions** (P/N of this Instructions is INSSH0101-00V)



### FEATURES

- **Easy to Use:** Install in seconds, no need for setting.
- **Conversion:** It could convert VGA input into complete HDMI with the VGA-SCART cable.
- Video screen aspect ratio can be set by 16:9 or 4:3 when use the standard SCART cable. It will be no function when use VGA-SCART cable
- HDCP compliant.

**Dear customer:**

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

**NOTICE**

Grandbeing Inc. reserves the right to make changes in the hardware, packaging and any accompanying documentation without prior written notice.



**WARNING:**

**TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR PRODUCT DAMAGE:**

- 1) DO NOT EXPOSE THIS APPARATUS TO RAIN, MOISTURE, DRIPPING OR SPLASHING AND THAT NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHALL BE PLACED ON THE APPARATUS.
- 2) DO NOT INSTALL OR PLACE THIS UNIT IN A BOOKCASE, BUILT-IN CABINET OR IN ANOTHER CONFINED SPACE. ENSURE THE UNIT IS WELL VENTILATED.
- 3) TO PREVENT RISK OF ELECTRIC SHOCK OR FIRE HAZARD DUE TO OVERHEATING, DO NOT OBSTRUCT THE UNIT'S VENTILATION OPENINGS WITH NEWSPAPERS, TABLECLOTHS, CURTAINS, AND SIMILAR ITEMS.
- 4) DO NOT INSTALL NEAR ANY HEAT SOURCES SUCH AS RADIATORS, HEAT REGISTERS, STOVES, OR OTHER APPARATUS (INCLUDING AMPLIFIERS) THAT PRODUCE HEAT.
- 5) DO NOT PLACE SOURCES OF NAKED FLAMES, SUCH AS LIGHTED CANDLES, ON THE UNIT.
- 6) CLEAN THIS APPARATUS ONLY WITH DRY CLOTH.
- 7) UNPLUG THIS APPARATUS DURING LIGHTNING STORMS OR WHEN UNUSED FOR LONG PERIODS OF TIME.
- 8) PROTECT THE POWER CORD FROM BEING WALKED ON OR PINCHED PARTICULARLY AT PLUGS.
- 9) ONLY USE ATTACHMENTS/ACCESSORIES SPECIFIED BY THE MANUFACTURER.
- 10) REFER ALL SERVICING TO QUALIFIED SERVICE PERSONNEL.

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## INTRODUCTION

Grandbeing's SH0101-00V is a VGA to HDMI converter. It converts input analog VGA into HDMI output. User could use it to connect the analog VGA equipment to the newest digital HDMI TV set. The output video of this converter would be scaled up to HD 720P, so that the viewer will get more pleasant watching experience than ever before. The video screen aspect ratio can be set by 16:9 or 4:3 when the input is CEA 4:3 format but not VESA mode.

SH0101-00V has the ability of buffering and amplifying. It achieves long-distance transmission of HDMI signal of more than 15 meters.

SH0101-00V offers solutions for digital entertainment center, HDTV retail and show site, HDTV, STB, DVD and Projector factory, noise, space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.

## PACKAGE CONTENTS

1. Main unit. P/N\_SH0101-00V main box.
2. VGA to SCART cable.
3. Power Supply, 5VDC
4. Operating Instructions. P/N\_INSSH0101-00V.

\*PART NUMBER (Abbreviation as P/N).

\*HDMI cables are optional.

## PANEL DESCRIPTIONS

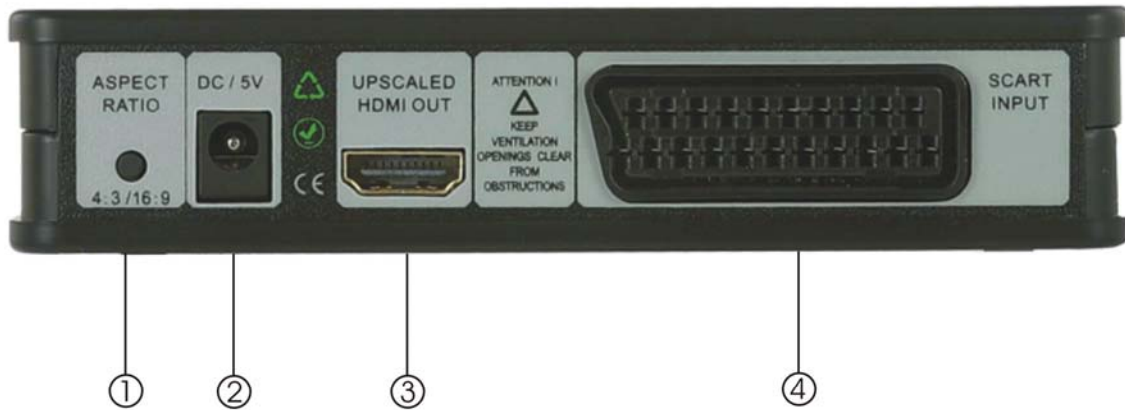
### Top Panel



1. Indicator of power.
2. Indicator of SCART CVBS input.
3. Indicator of SCART RGB input.

4. Indicator of aspect 16:9 (It will be no function when input is VESA signal from PC).

### Rear Panel



1. Button for choosing aspect ratio.
2. Power input.
3. HDMI output.
4. SCART input.

## CONNECT AND OPERATION

- 1) Connect the VGA-SCART cable to SH0101-00V.
- 2) Connect the D-SUB VGA connector and analog audio L(white)/R(red) to the sources device such as PC.
- 3) Connect the SH0101-00V to LCD TV with the HDMI cable. (Output cables are optional)
- 4) Power on the input source you want to show.
- 5) Connect the power supply into SH0101-00V and turn on the display you want to watch.

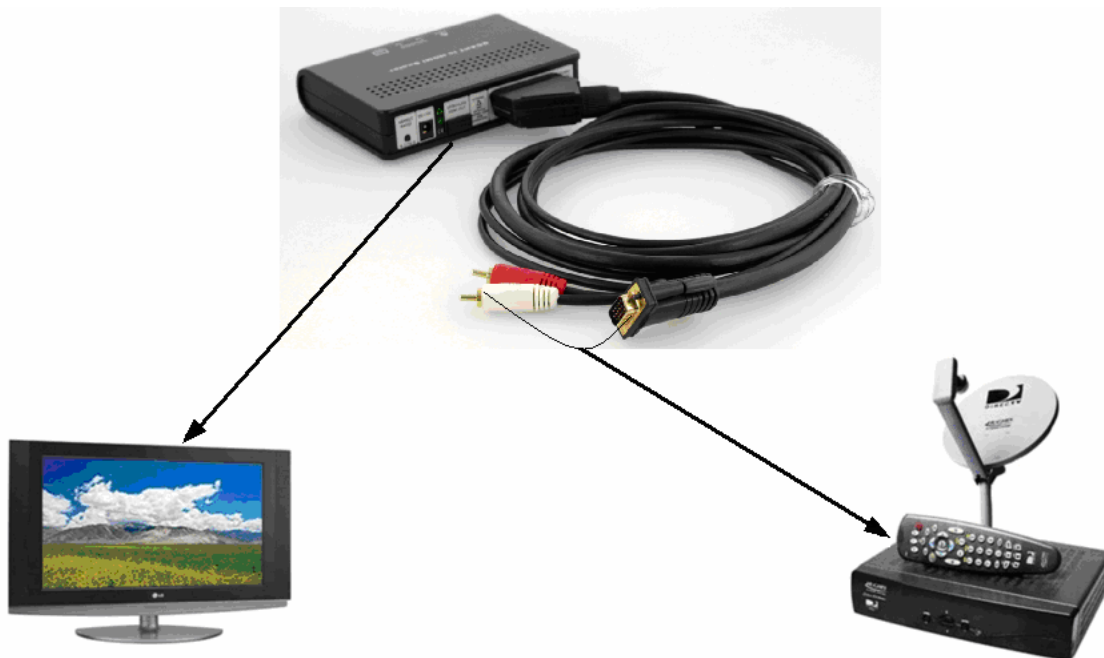
**Attention:** Insert / Extract cables gently.

## 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)
Video Format Supported	640x480、800x600、1024x768、1152x864、1280x960、1280x1024、1440x900、1920x1200
Output Video	HDMI+HDCP1.0/1.1
Maximum Transmission Distance	<15m (If needed, HDMI extender is optional)
Power Consumption	1watts (Max)
Power Supply	5VDC
Dimensions	140mmW×100mmH×30mmD/5.5"W×3.9"H×1.1"D
Mass (Main unit)	0.1kgs/0.2lb

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

## TYPICAL APPLICATION



## MAINTENANCE

Clean this unit with a soft, dry cloth. Never use alcohol, paint thinner or benzine to clean this unit.

## PRODUCT SERVICE

- 1) **Damage requiring service:** The unit should be serviced by qualified service personnel if:
  - (a) The DC power supply cord or AC adaptor has been damaged;
  - (b) Objects or liquids have gotten into the unit;
  - (c) The unit has been exposed to rain;
  - (d) The unit does not operate normally or exhibits a marked change in performance;
  - (e) The unit has been dropped or the cabinet has been damaged.
- 2) **Servicing Personnel:** Do not attempt to service the unit beyond that described in these operating instructions. Refer all other servicing to authorized servicing personnel.
- 3) **Replacement parts:** When parts need replacing ensure the servicer uses parts specified by the manufacturer or parts that have the same characteristics as the original parts. Unauthorized substitutes may result in fire, electric shock, or other hazards.
- 4) **Safety check:** After repairs or service, ask the servicer to perform safety checks to confirm that the unit is in proper working condition.

## WARRANTY

If your product does not work properly because of a defect in materials or workmanship, Grandbeing Company (referred to as “the warrantor”) will, for the length of the period indicated as below, (**Parts (1) Year, Labor(90) Days**) which starts with the date of original purchase (“Limited Warranty period”), at its option either (a) repair your product with new or refurbished parts, or (b) replace it with a new or a refurbished product. The decision to repair or replace will be made by the warrantor.

During the “Labor” Limited Warranty period there will be no charge for labor. During the “Parts” warranty period, there will be no charge for parts. You must mail-in your product during the warranty period. This Limited Warranty is extended only to the original purchaser and only covers product purchased as new. A purchase receipt or other proof of original purchase date is required for Limited Warranty service.

### Mail-In Service

When shipping the unit, carefully pack and send it prepaid, adequately insured and preferably in the original carton. Include a letter detailing the complaint and provide a day time phone and/or email address where you can be reached.

IF REPAIR IS NEEDED DURING THE LIMITED WARRANTY PERIOD THE PURCHASER WILL BE REQUIRED TO FURNISH A SALES RECEIPT/PROOF OF PURCHASE INDICATING DATE OF PURCHASE, AMOUNT PAID AND

PLACE OF PURCHASE. CUSTOMER WILL BE CHARGED FOR THE REPAIR OF ANY UNIT RECEIVED WITHOUT SUCH PROOF OF PURCHASE.

### LIMITED WARRANTY LIMITS AND EXCLUSIONS

- 1) This Limited Warranty ONLY COVERS failures due to defects in materials or workmanship, and DOES NOT COVER normal wear and tear or cosmetic damage. The Limited Warranty ALSO DOES NOT COVER damages which occurred in shipment, or failures which are caused by products not supplied by the warrantor, or failures which result from accidents, misuse, abuse, neglect, mishandling, misapplication, alteration, faulty installation, set-up adjustments, misadjustment of consumer controls, improper maintenance, power line surge, lightning damage, modification, or service by anyone other than a Factory Service center or other Authorized Servicer, or damage that is attributable to acts of God.
- 2) THERE ARE NO EXPRESS WARRANTIES EXCEPT AS LISTED UNDER "LIMITED WARRANTY COVERAGE". THE WARRANTOR IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. (As examples, this excludes damages for lost time, cost of having someone remove or re-install an installed unit if applicable, travel to and from the servicer, loss of or damage to media or images, data or other recorded content. The items listed are not exclusive, but are for illustration only.)
- 3) PARTS AND SERVICE, WHICH ARE NOT COVERED BY THIS LIMITED WARRANTY, ARE YOUR RESPONSIBILITY.



**Thank you for your purchase.**

**We appreciate your business. Please contact us with your question and comments.**

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