

Model No.: **MS0701-E01**

Operating Instructions

Thanks for purchasing our product.

Please be sure to read this instruction manual carefully before using our product.



Introduction

MS0701-E01 supports one VGA source, Three YPbPr source and Three Hdmi sources with analog audio. The analog audio from the input is digitized and outputted to the HDMI connection. The HDMI outputs also have separate analog audio output. HDMI input supports HDMI1.3b and HDMI1.4 3D.

MS0701-E01 has the ability of equalization and amplification to ensure HDMI signal's transmission through long cable without quality loss.

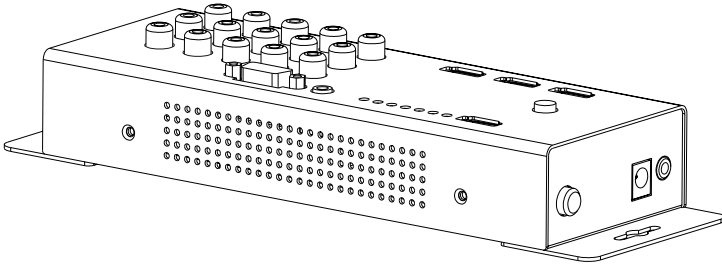
MS0701-E01 offers solutions for digital entertainment center, HDTV retail and show site, HDTV, STB, DVD and Projector factory, noise, space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.

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HDMI Switch

■ Product Overview (Model Number: SM0701-E01)



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.

■ Features

- 7-inputs-1 outputs multi-function video/Audio switch.
- Inputs contain 3×YPBPR, 1×VGA and 3×HDMI signals, Output is HDMI signal. No image and color distortion.
- Allows display to view any source at any time.
- Delivers uncompressed digital video with zero signal loss.
- Support high definition resolutions 1080P, 1080I, 720P and standard video format.
- Double switching modes, IR remote and manual.
- HDMI V1.4 with 3D.

Notice

We reserve 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.



6. Clean this apparatus only with dry cloth.



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.



7. Unplug this apparatus during lightning storms or when unused for long periods of time.



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.



8. Protect the power cord from being walked on or pinched particularly at plugs.



4. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.



9. Only use attachments / accessories specified by the manufacturer.




5. Do not place sources of naked flames, such as lighted candles, on the unit.



10. Refer all servicing to qualified service personnel.

■ Package Contents

- ① Main unit. P/N_MS0701-E01.
- ② Power Supply, 5VDC
- ③ Operating Instructions. P/N_INSMS0701-E01.
- ④ Remote.
- ⑤ IR extension cable.

 **NOTE:** Cables are optional

■ Connections and Operations

- 1) Connect the HDMI/YPbPr/VGA input sources (such as HD-DVD, PS3, STB etc) into MS0701-E01.
- 2) Connect the HDMI outputs (such as HD-LCD, HD-DLP) into MS0701-E01.
- 3) Power on the input source you want to show.
- 4) Connect the power supply into MS0701-E01 and turn on the display you want to watch.
- 5) Use remote or push the button to choose input source.

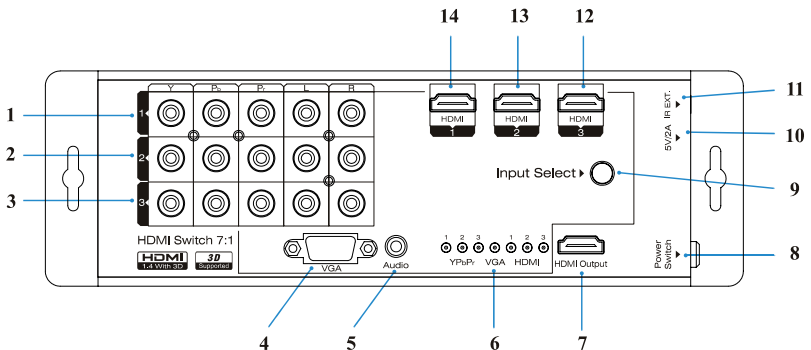
■ Specifications


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	HDMI1.4 with 3D (Only valid when input HDMI 3D source)
Maximum Transmission Distance	<15m (If needed, HDMI extender is optional)
Power Consumption	8watts (Max.)
Power Supply	5VDC
Dimensions	1900mmW×320mmH×70mmD/16.9" W×1.9"H×7.9"D

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

■ Panel Descriptions

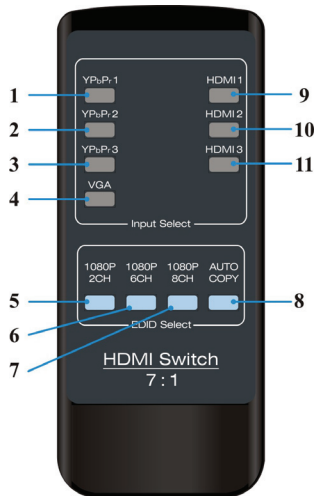
Upper Panel



1. YPbPr1 Input port with L/R Audio.
 2. YPbPr2 Input port with L/R Audio.
 3. YPbPr3 Input port with L/R Audio.
 4. VGA input port.
 5. Audio of VGA port.
 6. LED indicator light for input ports.
 7. HDMI output port.
 8. Power switch.
 9. Input select button.
 10. Power input jacket.
 11. IR extender jacket.
 12. HDMI3 input port.
 13. HDMI2 input port.
 14. HDMI1 input port.
-  **Note:** press the Input select button until the LED flash twice, the EDID will be reset to copy mode.

■ IR Controller Descriptions

IR REMOTE



MS0701-E01

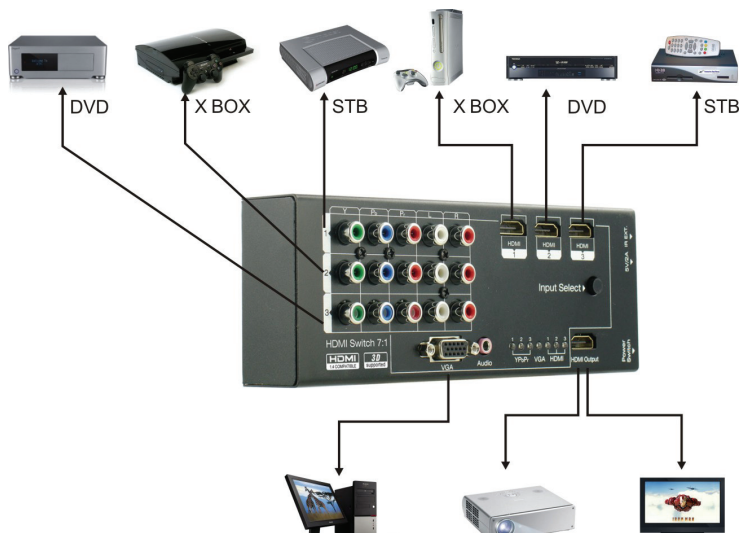
1. **YPbPr1** — Press the button to switch to YPbPr1 channel.
2. **YPbPr2** — Press the button to switch to YPbPr2 channel.
3. **YPbPr3** — Press the button to switch to YPbPr3 channel.
4. **VGA** — Press the button to switch to VGA channel.

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5. **1080P 2CH** — Press the button to activate EDID as 1080P/2 audio channel/3D TV supported.
 6. **1080P 6CH** — Press the button to activate EDID as 1080P/6 audio channel/3D TV supported.
 7. **1080P 8CH** — Press the button to activate EDID as 1080P/8 audio channel/3D TV supported.
 8. **AUTO COPY** — Press the button to copy the EDID from TV to MS0701-E01.
 9. **HDMI3** — Press the button to switch to HDMI3 channel.
 10. **HDMI2** — Press the button to switch to HDMI2 channel.
 11. **HDMI1** — Press the button to switch to HDMI1 channel.

■ Timing Table

YPBPR /HDMI	480i, 480P, 576i, 576P, 720P@[50/60], 1080i@[50/60], 1080P@[50/60]
VGA	800x600@60, 1024x768@60, 1280x1024@60, 1440 x900@60, 1400 x1050@60, 1600 x1200@60, 1920 x1080@60, 1920 x1200@60

■ Typical Application



■ Maintenance

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

■ Product Service

● Provided Service

- 1) **Damage Requiring service:** The unit should be serviced by qualified service personnel if:
 - The DC power supply cord or AC adaptor has been damaged;
 - Objects or liquids have gotten into the unit;
 - The unit has been exposed to rain;
 - The unit does not operate normally or exhibits a marked change in performance;
 - The unit has been dropped or the cabinet 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 service 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 service to perform safety checks to confirm that the unit is in proper working condition.

● 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 daytime 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.

● **Warranty**

If your product does not work properly because of a defect in materials or workmanship, we (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.

● **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 Service, 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 service location, 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.**