

Multiple Video Input with Audio to HDMI® Switcher



Actual product may vary from photos

User Manual

SKU#: VS721MULTI

Compliance Statements

FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

Industry Canada Statement

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe [B] est conforme à la norme NMB-003 du Canada.

CAN ICES-3 (B)/NMB-3(B)

For the State of California

⚠ WARNING: Cancer and Reproductive Harm

www.P65Warnings.ca.gov

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Safety Statements

Safety Measures

- Wiring terminations should not be made with the product and/or electric lines under power.
- Product installation and/or mounting should be completed by a certified professional as per the local safety and building code guidelines.
- Cables (including power and charging cables) should be placed and routed to avoid creating electric, tripping or safety hazards.

Mesures de sécurité

- Les terminaisons de câblage ne doivent pas être effectuées lorsque le produit et/ou les câbles électriques sont sous tension.
- L'installation et/ou le montage du produit doit être réalisé par un professionnel certifié et dans le respect des normes locales et du code de construction local.
- Les câbles (y compris les câbles d'alimentation et de chargement) doivent être placés et acheminés de façon à éviter tout risque électrique, de chute ou de sécurité

安全対策

- 電源が入っている状態の製品または電線の終端処理を行わないでください。
- 製品の設置やマウントは、使用地域の安全ガイドラインおよび建築基準に従い、有資格の専門業者が行うようにしてください。
- ケーブル(電源ケーブルと充電ケーブルを含む)は、適切な配置と引き回しを行い、電気障害やつまづきの危険性など、安全上のリスクを回避するようにしてください。

Misure di sicurezza

- I terminali dei fili elettrici non devono essere realizzate con il prodotto e/o le linee elettriche sotto tensione.
- L'installazione e/o il montaggio dei prodotti devono essere eseguiti da un tecnico professionale certificato che conosca le linee guida locali sulle norme edilizie e sulla sicurezza.
- I cavi (inclusi i cavi di alimentazione e di ricarica) devono essere posizionati e stesi in modo da evitare pericoli di inciampo, rischi di scosse elettriche o pericoli per la sicurezza.

Säkerhetsåtgärder

- Montering av kabelavslutningar får inte göras när produkten och/eller elledningarna är strömförda.
- Installation och/eller montering får endast göras av behöriga yrkespersoner och enligt gällande lokala förordningar för säkerhet och byggnormer.
- Kablar (inklusive elkablar och laddningskablar) ska dras och placeras på så sätt att risk för snubblingsolyckor och andra olyckor kan undvikas.

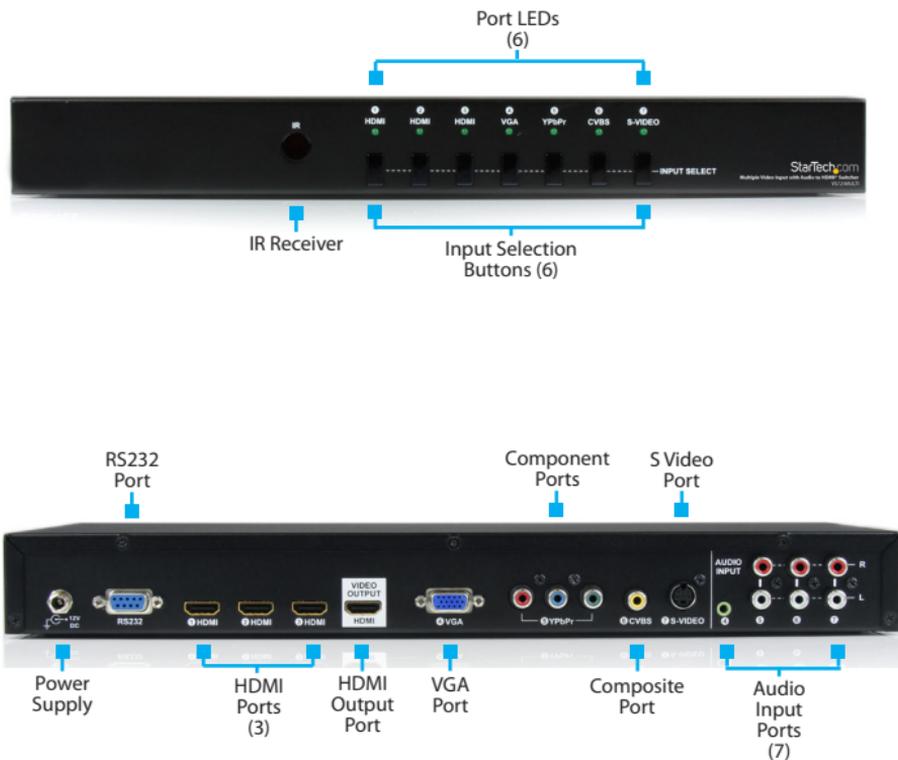
Warning Statements

- Make sure to assemble this product according to the instructions. Failure to do so might result in personal injury or property damage.
- Never use this product if parts are missing or damaged.

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Product Diagram (VS721MULTI)



Product Information

Packaging Contents

- Multiple Format to HDMI® Audio Video Switch x 1
- IR Remote Control x 1
- Mounting Kit x 1
- RS232 Serial Cable - 6 ft x 1
- RS-232 Control Software CD x 1
- Universal Power Adapter (NA/UK/EU) x 1
- User Manual x 1

System Requirements

For the latest requirements, please visit www.startech.com/VS721MULTI.

- Video source devices (i.e. computer, Blu-ray Player)
- HDMI® enabled display device (i.e. television, projector)
- Desired Audio Video Input Cables
 - HDMI® x 3
 - VGA x 1,
 - Component YPbPr x 1
 - Composite CVBS x 1
 - S-Video x 1
 - 3.5MM Audio VGA x 1
 - RCA Audio x 3
- HDMI® Output Cable

Hardware Installation

1. Connect the Desired Audio Video Input Cables (sold separately) from each video source device (i.e. computer, Blu-ray Player) to the Video Input Ports (3 x HDMI®, 1 x VGA, 1x Component YPbPr, 1 x Composite CVBS, 1 x S-Video) on the Switcher.
2. Connect an HDMI® cable (sold separately) from the HDMI® enabled display device (i.e. television, projector) to the HDMI® Output Port on the Switcher.
3. Turn on the display device, followed by the video source devices.
4. (Optional) For RS232 Remote Serial control, connect the included RS232 Serial Cable from a computer to the RS232 Serial port on the Switcher.

Hardware Operation

1. Manual Port Selection
 - Press the Input Selection Button that corresponds with the video source device you would like displayed.
 - The selected Active Port LED Indicator will light, and the desired video source device will be displayed on the HDMI® enabled display device.
2. Remote Control Port Selection
 - Press the desired 1 - 7 key on the remote control that corresponds with the number above the Active Port LED Indicator.

- The selected Active Port LED Indicator will light, and the desired video source device will be displayed on the HDMI[®] enabled display device.
- Use the button to power on/off the VS721MULTI.

Note: *The arrow buttons on the remote can also be used to switch the Active Port LED Indicator to the adjacent left or right video source device.*

3. Remote Serial Control Using The Matrix Application Software

Note: *Ensure Step 4. of Hardware Installation has been completed.*

- Download the latest software from the StarTech.com website (recommended), or insert the included Software CD into your CD-ROM drive.
- Launch AV Matrix(.msi). This file will be located in the root directory on the downloaded folder, or the Software CD.
- The Matrix Application software will quickly install. Upon completion Click to open the software.
- Click the “options” button and configure the communication protocol to the following specifications:
Baud rate 9600bps, no odd or even calibration bit address, 8bit transmission address, 1bit stop address, PC Port 001.

Note: *The COM port on your computer will require the same configuration. Consult your computer user documentation for further details.*

- Click the “Scan” button. The numbers near the bottom of the table will now represent and correspond with the numbers above each Active Port LED Indicator, and the number 001 on the left side of the table will represent the HDMI® display Device.
- Click the icon that corresponds with the desired video source device, and that device will now be displayed on the HDMI® equipped display.

Specifications

Ports	7
AV Input	HDMI S-Video Composite VGA Component YCbCr
Output Signal	HDMI
Industry Standards	High Speed HDMI®, HDCP
LED Indicators	1x HDMI - 1 1x HDMI - 2 1x HDMI - 3 1x VGA - 4 1x YPbPr - 5 1x CVSB - 6 1x S-VIDEO - 7
Max Resolution	1920 x 1200
Maximum Analog Resolutions	VGA: 1920x1200 YPbPr: 1920x1080

Maximum Digital Resolutions	1600x1200
Supported Resolutions	Support VGA mode 640x480, 720x400, 800x600, 848x480, 1024x768, 1152x864, 1280x720, 1280x768, 1280x800, 1280x960, 1280x1024, 1360x768, 1400x1050, 1440x900, 1440x1050, 1600x1200, 1680x1050, 1920x1080, 1920x1200 Support YPbPR mode 720x480, 720x576, 720x480, 720x576, 1280x720, 1920x1080, 1920x1080

Warranty Information

This product is backed by a two-year warranty.

For further information on product warranty terms and conditions, please refer to www.startech.com/warranty.

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