Quick start guide

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HDMI®, VGA and DP to HDMI Converter Switch - 4K

HDVGADP2HD

DE: Bedienungsanleitung - de.startech.com FR: Guide de l'utilisateur - fr.startech.com ES: Guía del usuario - es.startech.com IT: Guida per l'uso - it.startech.com NL: Gebruiksaanwijzing - nl.startech.com PT: Guia do usuário - pt.startech.com

Product overview

Front View



- 4. Function button
- 5. Status LED
- 6. Power button

Rear View



- 1. DC12V power adapter port
- 2. Control port (RJ11 serial jack)
- 3. (In) Control port (IR extender)
- 8. DisplayPort input port9. HDMI input port #110. HDMI input port #2
- 4. HDMI output port
- 5. Mode switch
- 6. 3.5 mm audio input port (for VGA)
- 7. VGA input port

Packaging contents

- 1 x converter switch
- 1 x IR remote control
- 1 x screw kit
- 1 x mounting bracket kit
- 1 x footpad set
- 1 x RJ11-to-RS232 converter
- 1 x RJ11 cable
- 1 x universal power adapter (NA/EU/UK/AU)
- 1 x quick start guide

System requirements

- 1 x HDMI video display with cabling
- 1 x DisplayPort video source with cabling
- 1 x VGA video source with cabling
- 2 x HDMI video sources with cabling

Installation

Note: Ensure your display and video sources are powered off before you begin installation.

- 1. Connect each of your video sources to the input ports on the video converter switch using the required cabling (not included).
- 2. Connect an HDMI cable (not included) to your display and to the converter switch's HDMI input port.
- 3. Power on your HDMI display.
- 4. Power on each of your of your video sources.
- 5. Connect the power adapter to the switch's power adapter port and to an AC outlet.
- 6. (Optional for serial control) Connect the RJ11 cable to the switch's **Control port (RJ11 serial jack)** and to the RJ11-to-RS232 serial converter. Then, connect a 9-pin serial cable (not included) to the RJ11-to-RS232 switch and to your computer's 9-pin serial port.

Operation

This converter switch features multiple operating modes. Review the description and operating steps for each mode in this section, then use the mode switch to the set the video converter switch to your desired operating mode.

Switch mode operation (1. Switch)

Switch mode enables you to switch between video sources by pressing the **Input selection** button that corresponds with your desired video source. The active selected port LEDs will light up indicating which port is selected.

Automatic mode operation (2. Auto)

Automatic mode enables the video converter switch to automatically select the most recently activated or connected video source. Connect a new device or turn on an already connected device to automatically switch video sources. The active selected port LEDs will light up indicating which port is selected.

Priority A mode operation (3. Pri-A)

Priority A mode prioritizes the HDMI #1, DisplayPort, VGA, and HDMI #2 input ports respectively. When you turn on a video source that is connected to a higher prioritized input port, that video source will automatically be selected. Turning off the device will automatically switch back to the lower prioritized video source.

Priority B mode operation (4. Pri-B)

Priority B mode prioritizes the HDMI #2, VGA, DisplayPort, and HDMI #1 input ports respectively. When you turn on a video source that is connected to a higher prioritized input port, that video source will automatically be selected. Turning off the device will automatically switch back to the lower prioritized video source.

Manual operation with remote control

Press buttons 1 through 4 on the right side of the IR remote control to switch between the HDMI#1, HDMI# 2, DisplayPort and VGA input ports respectively.



Manual operation with serial control

1. Configure the settings on your serial port according to the values shown below.

Baud Rate: 38400 bps Data Bits: 8 Parity: None Stop Bits: 1 Flow control: None

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2. Open your terminal software to communicate through the serial port that the switch is connected to, and use the on-screen commands displayed below to operate and configure your switch.

Booting Digital Switch Splitter 4 x 1 (MIC30) HVW version: 01 F/W version: 003-14 RC ID: none CE=n.al.a2 - Copy EDID (Inventory) to all input ports n: Method. al.a2: Options 1. Copy from specified monitor al 2. Copy from specified monitor (1 on 1) 3. Make 1280 x 768 EDID 4. Make 1280 x 768 EDID 5. Make 1280 x 768 EDID 6. Make 1360 x 768 EDID 7. Make 1360 x 768 EDID 8. Make 1440 x 900 EDID 10. Make 1600 x 1050 EDID 11. Make 1600 x 1050 EDID 12. Make 1920 x 1050 EDID 13. Make 1400 x 1050 EDID 14. Make 1280 x 1050 EDID 15. Make 1920 x 1000 EDID 16. Make 1320 x 1440 EDID 17. Make 1920 x 1000 EDID 18. Make 1400 x 1050 EDID 19. Make 1000 x 1000 EDID 10. Make 1000 x 1000 EDID 10. Make 1000 x 1000 EDID 11. Make 1000 x 1100 EDID 13. Make 1000 x 1100 EDID 14. Make 1920 x 1000 EDID 15. Make 2000 x 1100 EDID 16. Make 1920 x 1000 EDID 17. Make 2000 x 1100 EDID 18. Make 2000 x 1100 EDID 19. Make 2000 x 1100 EDID 10. Make 2000 x 1100 EDID 10. Make 2000 x 1100 EDID 11. Make 2000 x 1100 EDID 12. Make 2000 x 1100 EDID 13. Make 2000 x 1100 EDID 14. Make 1920 x 1000 EDID 15. Make 2000 x 1100 EDID 16. Make 2000 x 1100 EDID 17. Make 2000 x 1100 EDID 17. Make 2000 x 1100 EDID 18. Make 2000 x 1100 EDID 19. Make 2000 x 1100 EDID 10. Make 2000 x 1100 EDID 10. Make 2000 x 1100 EDID 11. Make 2000 x 1100 EDID 11. Make 2000 x 1100 EDID 12. Make 2000 x 1100 EDID 13. Make 2000 x 1100 EDID 14. Make 1200 X 1100 X 1000 X	ADC-HyperTerminal ie Edk View Call Transfer Help	
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<pre>12. Make 1920 x 1000 EDID 13. Make 1920 x 1200 EDID 14. Make 1920 x 1200 EDID 15. Make 2046 x 1200 EDID 15. Make 2046 x 1205 EDID when n = 1: al: monitor index (1~2), a2: not required when n = 2: al.a2: not required when n = 3.75: al. video options 1. VUT 2, HOWI(2D) 3, HOMI(3D) a2: audio options f. Dolby Free37.1 ch WOIDS+n D: Sole output port n</pre>	10, Make 1600 × 1200 EDID 11 Make 1680 × 1950 EDID	
<pre>14. Make 1920 x 1440 EDID 15. Make 2046 x 1152 EDID when n = 1: al: monitor index (1~2), a2: not required when n = 2: al.a2: not required when n = 3.75: al: video options 1. UVI 2. HDWI(2D) 3. HDWI(3D) a2: audio options 1. LFCW 2 ch 8. DIS 5.1 ch 3. LFCW 5.1 ch 9. DIS HD 5.1 ch 3. LFCW 7.1 ch 10. DIS HD 7.1 ch 3. LFCW 7.1 ch 10. DIS HD 7.1 ch 5. Dolby TrueHD 5.1 ch 12. S.1 ch ch biology TrueHD 7.1 ch 13. 7.1 ch combination 6. Dolby TrueHD 5.1 ch 12. S.1 ch combination 7. Dolby E-RC3 7.1 ch WDEN=n - Select input port n as the source of all output ports RWOEN=n - Select input port n as the source of all output ports RWOEN=n - Select input port, * - All ports VoolS*-n Disoble output port, * - All ports ED=n - Set EQ level as n [18] FCC000Y - Reset as factory default setting REBODT - Reboot the device More RCID=n - Set Remote Control ID as n n : 0 - Reset as nall (AlWays on) 1.16 - Valid ID I=n - Set terminal interface n: 0 - Human 167 - Machine LCK*n - Lock / Unlock device n: 0 - Unlock 167 - Lock</pre>	12. Make 1920 × 1080 EDID	
<pre>15. Make 2048 x 1152 EDID when n = 1: al: monitor index (1~2), a2: not required when n = 3: al: acit required when n = 3.15: al: video options 1. UV 2. HOWI(2D) 3. HOWI(3D) a2: auto Options 1. UV 2. HOWI(2D) 3. HOWI(3D) a2: auto Options 1. UV 604 2.ch 3. LPCM 5.1 ch 9. DIS HD 5.1 ch 3. LPCM 7.1 ch 4. Dolby FR04 5.1. ch 5. Dolby FrueHD 7.1 ch 6. Dolby FrueHD 7.1 ch 7. Dolby FrueHD 7.1 ch 7. Dolby FrueHD 7.1 ch 8WI=n - Select input port n as the source of all output ports RWOEN=n - Enable output port n 7. Dolby E-RC3 7.1 ch 8WI=n - Select input port n as the source of all output ports RWOEN=n - I max - output port, * - All ports RWOEN=n - I max - output port, * - All ports RWOEN=n - I max - output port, * - All ports RWOEN=n - Enable output port, * - All ports RWOEN=n - Enable output port as n n: I max - output port, * - All ports REDIP - Reset as factory default setting REBOUT - Set Remote Control ID as n n: 0 - Reset as null (Always on) 1.16 - Vaid ID 1.176 - Vaid ID 1.176 - Unck device</pre>	13. Make 1920 × 1200 EDID 14. Make 1920 × 1440 EDID	
 al: monitor index (1²), a2: not required when n = 2: al.a2: not required when n = 375: al: video options 1. UVI 2. HDWI(2D) 3. HDMI(3D) a2: audio options 1. LPCW 2 ch 8. DIS 5.1 ch 3. LPCW 5.1 ch 9. DIS HD 7.1 ch 4. Dolby FCB 7.1 ch 5. Dolby TrueHD 7.1 ch 12. DIS HD 7.1 ch 5. Dolby TrueHD 7.1 ch 13. 7.1 ch combination 6. Dolby TrueHD 7.1 ch WIEN - Select input port n as the source of all output ports RWOEN=n - Enable output port n 7. Dolby E-RC3 7.1 ch WOIS=n - Select input port n as the source of all output ports RWOEN=n - Select input port n = All ports WOIS=n - Select output port, * - All ports 0. Select as factory default setting REDOIT - Resol as n (1'8) FCCONV - Resol as n (1'8) FCCONV - Resol the device RCID=n - Set Remote Control ID as n n: 0 - Reset as factory default setting REDOIT - Retort initerface n: 0 - Human 167 - Machine LCK=n - Lock / Unlock device n: 0 - Unlock 167 - Lock 	15, Make 2048 x 1152 EDID	
<pre>when n = 2: al.a2: not required when n = 3715: al: video options 1. UVI 2. HOMI(2D) 3. HOMI(3D) a2: audio options 1. LFCM 2 ch 8. DIS 5.1 ch 2. LFCM 7.1 ch 9. DIS HD 5.1 ch 3. LFCM 7.1 ch 9. DIS HD 5.1 ch 4. DIS HD 7.1 ch 5. DIS HD 7.1 ch 6. DOLBy TrueHD 7.1 ch 6. DOLBy TrueHD 7.1 ch 7.1 ch combination 7. Dolby E-fRC3 7.1 ch 9. DIS HD 7.1 ch 13. 7.1 ch combination 7. Dolby E-fRC3 7.1 ch 9. DIS HD 7.1 ch 9.</pre>		
<pre>when n = 3715: al: video options 1. DVI 2. HDMI(2D) 3. HDMI(3D) a2: audio options 1. LPCM 2 ch 8. DTS 5.1 ch 2. LPCM 5.1 ch 9. DTS HD 5.1 ch 3. LPCM 7.1 ch 10. DTS HD 7.1 ch 4. Dolby HG2 5.1 ch 11. MPCG4 ARC 5.1 ch 5. Dolby TrueHD 5.1 ch 12. S.1 ch combination 6. Dolby FrueHD 7.1 ch 13. 7.1 ch combination 7. Dolby E-AG3 7.1 ch MVI=n - Select input port n as the source of all output ports AVOEN-n - Enable output port. n : 1 max - output port. NOTIS=n- Disble output port. n : 1 max - output port. NOTIS=n - Set EQ level as n (1.8) FCICMPY - Reset as factory default setting REBODT - Reset as factory default setting REBODT - Reset as factory default setting REDT - Set Remote Control ID as n 116 - Valid ID III=n - Set terminal interface n: 0 - Human 167 - Machine LCK=n - Lock / Unlock device n: 0 - Unlock 167 - Lock</pre>		
al: video options 1. DVI 2. HDWI(2D) 3. HDMI(3D) a2: audio options 1. LPCM 2 ch 8. DIS 5.1 ch 2. LPCM 5.1 ch 9. DIS HD 5.1 ch 3. LPCM 7.1 ch 4. Dolby RC3 5.1 ch 11. MPE64 ARC 5.1 ch 5. Dolby TrueHD 7.1 ch 12. DIS HD 7.1 ch 6. Dolby TrueHD 7.1 ch 13. 7.1 ch combination 6. Dolby TrueHD 7.1 ch AVI=n - Select input port n as the source of all output ports RVDEN=n - Enable output port n 1. I wax - output port All ports WOIS=n- Disable output port n FUCIBY - Set EG level as (13) FECTORY - Reset as factory default setting REBONI - Resot as factory default setting REDDI - Resot as factory default as n n: 0 - Reset as factory default (Always on) 1.16 - Valid ID 1.176 - Valid ID 1.176 - Unlock device 000		
a2: audio options 1. LPCM 2 ch 8. DTS 5.1 ch 2. LPCM 5.1 ch 9. DTS MD 5.1 ch 3. LPCM 5.1 ch 10. DTS HD 7.1 ch 4. Dolby RC3 5.1 ch 11. MPEGA RAC 5.1 ch 5. Dolby TrueHD 7.1 ch 13. 7.1 ch combination 6. Dolby TrueHD 7.1 ch 13. 7.1 ch combination 7. Dolby E-RC3 7.1 ch RVIEN - Enable output port n as the source of all output ports RVODTS=n - Disable output port n - All ports VODTS=n - Stet Computer of the second	al: video options	
1. LPCM 2 ch 8. DTS 5.1 ch 2. LPCM 5.1 ch 9. DTS HD 5.1 ch 3. LPCM 7.1 ch 10. DTS HD 7.1 ch 4. Dolby HC3 5.1 ch 5. Dolby TrueHD 5.1 ch 12. SF.1 ch combination 6. Dolby TrueHD 7.1 ch 13. 7.1 ch combination 7. Dolby E-HC3 7.1 ch MVI=n - Select input port n as the source of all output ports movement of the source of all output ports MOREN-n - Enable output port. n: 1 Max - output port. n: 1 Max - output port. 1. Tax - output port. 9. View current settings E0=n - Set E0 level as n (1.8) FCCOMP - Reset as factory default setting REBOIT - Reboot the device More RCID=n - Set Remote Control ID as n 1. 16 - Valid ID II=n - Set terminal interface n: 0 - Human 167 - Machine LCK=n - Lock / Unlock device n: 0 - Unlock 167 - Lock		
3, LPCM 7.1 ch 10, DTS HD 7.1 ch 4, Dolby HC3 5.1 ch 11. MPC64 ARC 5.1 ch 5, Dolby TrueHD 5.1 ch 12. 5.1 ch combination 6, Dolby FrueHD 7.1 ch 13, 7.1 ch combination 7, Dolby E-AC3 7.1 ch AVI=n - Select input port n as the source of all output ports MORENn - Enable output port n n: 1 Max - output port, - All ports WODIS=n-Disable output port, 1: 1 Max - output port, - All ports V - View current settings E0=n - Set E0 level as n (1.8) FACIONY - Rest as factory default setting REBOIT - Rester as null (Always on) 1:16 - Valid ID II=n - Set terminal interface n: 0 - Human 167 - Machine LCK=n - Lock / Unlock device n: 0 - Unlock 167 - Lock	1. LPCM 2 ch 8. DTS 5.1 ch	
 7, Dolby L-HC3 7.1 ch RVI=n - Select input port n as the source of all output ports RVOEN-n - Enable output port n n: 1 wax - output port, * - All ports RVODIS=n Disable output port, * - All ports V V:w current settings E0=n - Set E0 level as n (1.8) FCCOMY - Reset as factory default setting REBOIT - Reboot the device RCID=n - Set Remote Control ID as n 116 - Valid ID III=n - Set terminal interface n: 0 - Human 167 - Machine LCK=n - Lock / Unlock device n: 0 - Unlock 167 - Lock 	3 LPCM 7 1 cb 10 DTS HD 7 1 cb	
 7, Dolby L-HC3 7.1 ch RVI=n - Select input port n as the source of all output ports RVOEN-n - Enable output port n n: 1 wax - output port, * - All ports RVODIS=n Disable output port, * - All ports V V:w current settings E0=n - Set E0 level as n (1.8) FCCOMY - Reset as factory default setting REBOIT - Reboot the device RCID=n - Set Remote Control ID as n 116 - Valid ID III=n - Set terminal interface n: 0 - Human 167 - Machine LCK=n - Lock / Unlock device n: 0 - Unlock 167 - Lock 	4. Dolby AC3 5.1 ch 11. MPEG4 AAC 5.1 ch 5. Dolby TrueHD 5.1 ch 12. 5.1 ch combination	
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	6, Dolby TrueHD 7.1 ch 13, 7.1 ch combination	
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FRC10RV - Reset as factory default setting REBODT - Rebot the device More RCID=n - Set Remote Control ID as n n: 0 - Reset as null (Always on) 116 - Valid ID TI=n - Set terminal interface n: 0 - Human 167 - Machine LCK=n - Lock / Unlock device n: 0 - Unlock 167 - Lock 000		
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1-16 - Valid ID IT=n - Set terminal interface n: 0 - Human 167 - Machine LCK≃n - Lock / Unlock device n: 0 - Unlock 167 - Lock 000	RCID=n - Set Remote Control ID as n	
LCK=n - Lock / Unlock device n: 0 - Unlock 167 - Lock	1 ⁻¹⁶ - Valid ID	
888	LCK=n - Lock / Unlock device n: 0 - Unlock 167 - Lock	
	888	

Note: This switch has other features including EDID copy and VGA shifting, using the function button. For complete operation details, please download our full instruction manual at: <u>www.StarTech.com/HDVGADP2HD</u>

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 deplet of an experienced radia (TV/ to the title of the title)
- Consult the dealer or an experienced radio/TV technician for help
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This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by StarTech.com could void the user's authority to operate the equipment.

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)

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