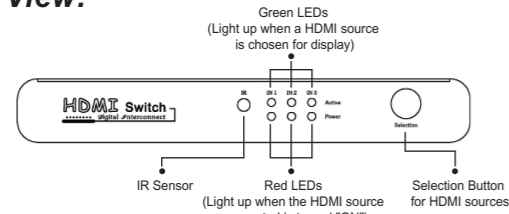
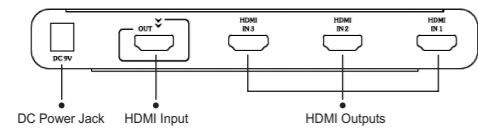


Front View:



Rear View:



- >> Press this button when selecting a HDMI source on the right of the current one
- << Press this button when selecting a HDMI source on the left of the current one
- ① Press this button when selecting HDMI source # 1
- ② Press this button when selecting HDMI source # 2
- ③ Press this button when selecting HDMI source # 3

Application:

- Switching from 3/5 Digital-Video (DVI) or Digital-Audio Video (HDMI) Sources
- Digital TV, HDMI Flat Panel Monitors, HDTV
- DVD Players, Satellite Receivers, Set-Top Boxes
- Digital Projectors
- Audio Video Receivers
- Other HDMI-enabled devices

Application diagram



Installation

How to connect / set up:

- 1) Simply connect your HDMI display to the Switch's display output.
- 2) Then link both HDMI sources to the Switch's inputs using the HDMI cables that come with the Switch. (Make sure that all HDMI sources and display are turned off before connecting.)
- 3) Plug the power supply into the switch's power port.
- 4) Once the sources, the Switch and the Display are all properly connected and powered ON, you simply select the source you want to see and watch.
- 5) Use the Remote Control Unit or Push Button to select /change the sources.

Trouble Shooting

Problems	Solutions
Switch is not in operation	<ol style="list-style-type: none"> 1. Make sure that the power supply is properly connected with the switch. 2. Check to see if the LED light is on.
No pictures/signals or poor images	<ol style="list-style-type: none"> 1. Make sure that the video display is HDCP compliant. 2. If you are using HDMI copper cable, overall length of the cable should not be longer than 15ft. Longer HDMI copper cables will result in no or poor resolution. The HDMI Repeater is recommended to use for a distant connection - over 15ft. 3. Make sure all HDMI connectors are tightly secured to all HDMI ports. 4. Turn off and again, turn on all the equipments.
Remote Control unit is not in operation	<ol style="list-style-type: none"> 1. Make sure that the power supply is properly connected with the switch. 2. Check to see if the LED light is on.
Programming Universal Remote Control	<ol style="list-style-type: none"> 1. A Remote Control Unit has unique codes. To program your own Universal Remote Control, make sure to learn feature of your Universal Remote Control Unit.

3/5 Port HDMI Switch

(Digital Interconnect Solution)



User's Manual

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Introduction:

This 3/5 port high definition multimedia interface (HDMI) switch allows up to 3/5 DVI or HDMI ports to be switched to a single display terminal with the use of either the remote control unit or the manual switching buttons on its front panel. This HDMI Switch provides an interface in consumer electronics that can carry both uncompressed HD video and uncompressed multi-channel audio in all HD formats including 720p, 1080i and even upcoming 1080p.

There is no more hassle of manually plugging in different HDMI connectors to view all different video sources. It enables you to maximize your home theater system.



Features:

- Compatible with HDMI or DVI, HDCP-enabled HDTV
- Backward compatible with DVI
- Each port supports HDMI or DVI inputs
- Supports high video resolution up to 1920 x 1200 including 720p, 1080i and even upcoming 1080p

- Differential Interface Compatible with Transition Minimized Differential Signaling (TMDS) Electrical Specification
- Supports Both Video and Audio Signals
- Supports signaling rates up to 1.65Gbps of UXGA Display
- Ensures the high definition signal is sent through without any signal loss
- Plug and Play, No software installation is required.
- Easy to install and simple to link any three / five sources to one HDTV display
- Supports single high definition display for multiple sources, such as DVD Players and Satellite Receivers, Digital Projectors, A/V Receivers, Set Top Boxes
- Cost effective solution (No need to buy more HDTV displays)
- Space saving solution (allows multiple sources to share one HDTV display)
- Encloses a Remote Control for operational flexibility and easy control
- Eliminates a hassle for disconnection and reconnection of multiple video sources
- LED indications for operation/power modes
- Optimizes system performance through 5-meter or longer DVI compliant cables.
- RoHS Compatible and 260°C Reflow Rated

The Package includes:

- 1) HDMI Switch
- 2) IR Remote Control
- 3) 9V DC Power Supply
- 4) User's Manual

Specification:

Model	EC-H301	EC-H501
Product	3 port HDMI Switch	5 port HDMI Switch
HDMI Source Input Port	3	5
Display Device Output Port	1	1
Source Port Connector	19 pin HDMI	19 pin HDMI
Display Device Port Connector	19 pin HDMI	19 pin HDMI
HDCP Compliant	Yes	Yes
Display Device Selection	Push Button or IR Remote	Push Button or IR Remote
Device Port LED	3	5
Single Link Range	1920 x 1200	1920 x 1200
Video Bandwidth	Up to 1.65GHz	Up to 1.65GHz
Vertical Frequency Range	60 Hz	60 Hz
Power Consumption (max.)	15 Watts	15 Watts
Operation Temperature	0°C to 70°C	0°C to 70°C
Power Adapter	9V 500mA	9V 500mA
Housing	Aluminum	Aluminum
Dimension (mm)	180 x 65 x 25mm	180 x 65 x 25mm
Weight (g)	200g	280g
Length for the cables attached	1 Meter	1 Meter