

Description	Specifications
Model	HDS32
HDMI Inputs	3
HDMI Outputs	2
IN/Out Connectors	19 pin HDMI female type-A
HDCP	HDCP pass thru
Display Selection	Smart Scan, remote control
Single Link Range	480P, 720i/p, 1080i/p
Video Data Rate	4.95 Gbps
Vertical Frequency	50/60 Hz
Dimension	7.3 x 3.4 x 1 inch
DC adapter (included)	9VDC, 500mA
Remote control	Infrared, discrete code.

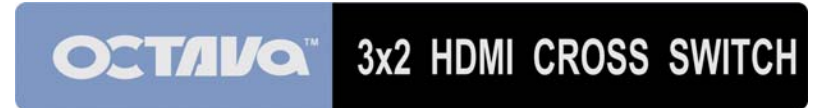


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## User's Guide



**Application Diagram**

**Description:**

Watch 2 different HD programs simultaneously on 2 Displays! Or simply switch between your Plasma/LCD and the Projector. This unique 3x2 HDMI Cross switch allows you to switch between 3 HDMI sources and 2 HD displays simultaneously for Picture-By-Picture effects.

Perfect for theaters with Flat panel and Projectors!

*This unique product allows you to watch 2 different sources simultaneously. The switch does not support "mirrored" or "same" pictures on both displays.*

**Features:**

- Watch 2 different HD programs simultaneously on 2 Displays!
- 3 HDMI inputs, 2 HDMI outputs for Picture By Picture.
- Works with HDMI or DVI-D, HDCP-enabled HDTV
- Supports high resolution video 480p, 720i/p, 1080i/p
- **Clear EYE™** design optimizes HDMI signal transmission
- Easy to switch 3 HDMI or DVI-D sources to 2 displays.
- **Smart SCAN™** algorithm intelligently selects the correct input. Approved by Wives and Kids!
- Backward compatible with DVI-D
- Remote Control (IR) included. Discrete Code allows direct channel control.

**Clear EYE™**

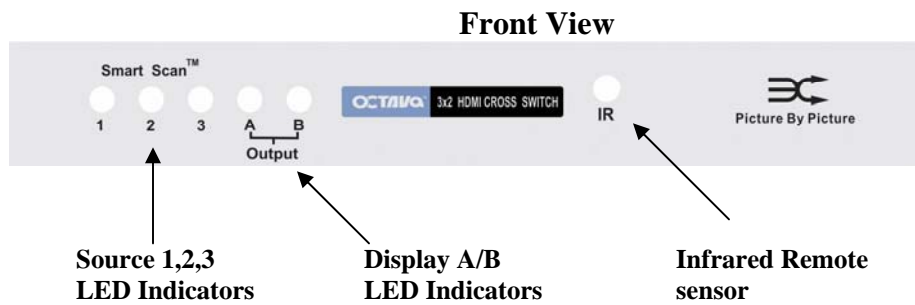
Our proprietary **Clear EYE™** transmission line and ISI reduction design will IMPROVE the digital video signals caused by transmission degradations.

**Smart Scan™**

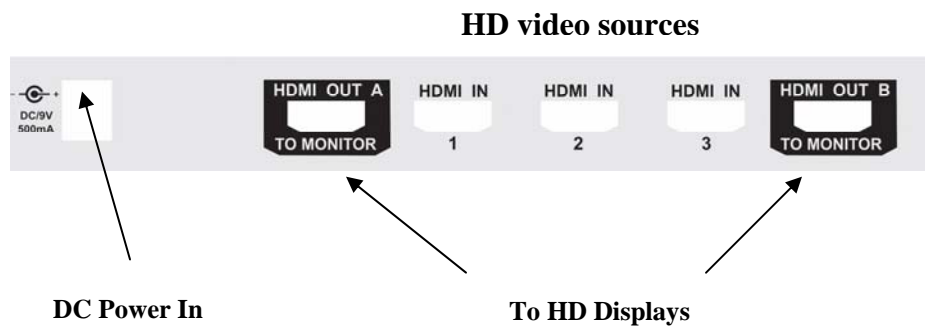
Octava's HDMI switch with **Smart Scan™** saves you the hassle of fumbling with multiple remote controls. Simply power on the HDMI source you want to view and the HDMI switch will automatically switch to the correct port. If no HDMI sources are on, then the switch will go into standby mode.

**Installation:**

- 1) Connect the Monitor to the HDMI OUT A
- 2) Connect the second monitor/projector to HDMI OUT B
- 3) Connect the HDMI sources to the HDMI INPUTS
- 4) Connect the DC power adapter. (The LED should strobe during power up indicating power up)



**Back View**



**Short Cuts:**

The Octava 3x2 HDMI Cross Switch offers several “short cuts” with the remote control for the most common scenarios.

Number of HDMI Sources ON	Short Cut	How
1	Switch picture between Display A and B.	Press A or B
2	Swap the 2 HD video sources between Display A and B.	Press + or -
3	Cycle thru all the HD picture combinations on the display(s)	Press + or Press -

## Smart Scan™

Smart Scan will act on the Display that is selected as “high priority.”(Indicated by the DISPLAY A, B LED.)

For example, if DISPLAY A is selected, then all Smart Scan actions will correspond to the Display A output.

### Turning ON/Off Smart Scan:

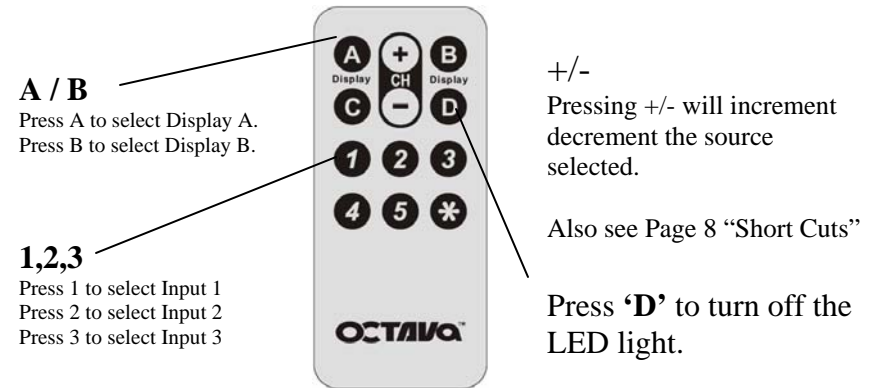
The 3x2 HDMI cross switch is loaded with Smart Scan ON. In the event that you do not need this feature, you can simply press the sequence: “\*”, “3”, “1”, “4” on the remote until the LEDS strobe.

To turn the Smart Scan back on, simply recycle the power to the switch.

**LED Shut Down:** You may turn off the LED light by pressing ‘D’ on the remote control. Once the LED is off, you can press any button on the remote to turn the LED back ON.

## Basic Quick Start:

Use the remote control to select the Display that you wish to control followed by the Input (DVD, Settop) that you wish to watch.



For example:  
Pressing **Display B**, “2” on remote will switch Input 2 to HDMI Out B.

Here are some examples:

Output Selection (Step 1)	Input Selection (Step2)	Result
DISPLAY A	“2”	Display A switches to Input 2
DISPLAY B	“1”	Display B switches to Input 1
DISPLAY A	“+”	Display A increments to next available Input
DISPLAY B	“-”	Display B decrements to next available Input

*Also see the “short cuts” on page 8 for quick control*

## Picture By Picture

The 3x2 HDMI Cross switch is unique in that it allows you to watch 2 different programs on 2 different displays simultaneously for Picture-By-Picture effect!

For example you could watch your Sports programming on the Projector and display the news on a second monitor.

Using the Picture-By -Picture function is easy.  
Here is an example:



To connect DISPLAY A to IN1 and DISPLAY B to IN3 you simply enter the following with the remote control.

Step 1) **Display A, 1** (this will set Display A to Input 1)

Step 2) **Display B, 3** (this will set Display B to Input 3)

*Also see the “short cuts” on page 8 for quick control*

***This unique product allows you to watch 2 different sources simultaneously. The switch does not support “mirrored” or “same” picture on both displays.***

In the event that you select Display A and Display B to display from the same Input source, the Input will be switched to the “High Priority” Display (indicated by the OUT A, OUT B LED)

For example, you press:

- 1) **Display A, 2**
- 2) **Display B, 2**

Input 2 will be switched to Display B because Display is now the High priority Output( indicated by the Out LED). Display A will display a blank screen until you select a different Input for Display A.

### LED Indication:

The Output LED indicates the OUTPUT that is selected ( high priority).

For example, if the OUTPUT B LED is ON, then pressing channel buttons will switch the inputs to OUTPUT B.



Input 2 is switched to Display B

Indicates the Output that the Input will be switched to. In this case HDMI Out B