HDanywhere HDMI Matrix Switch Driver

HKHA414SW

HKM44

HKM88

For use with:

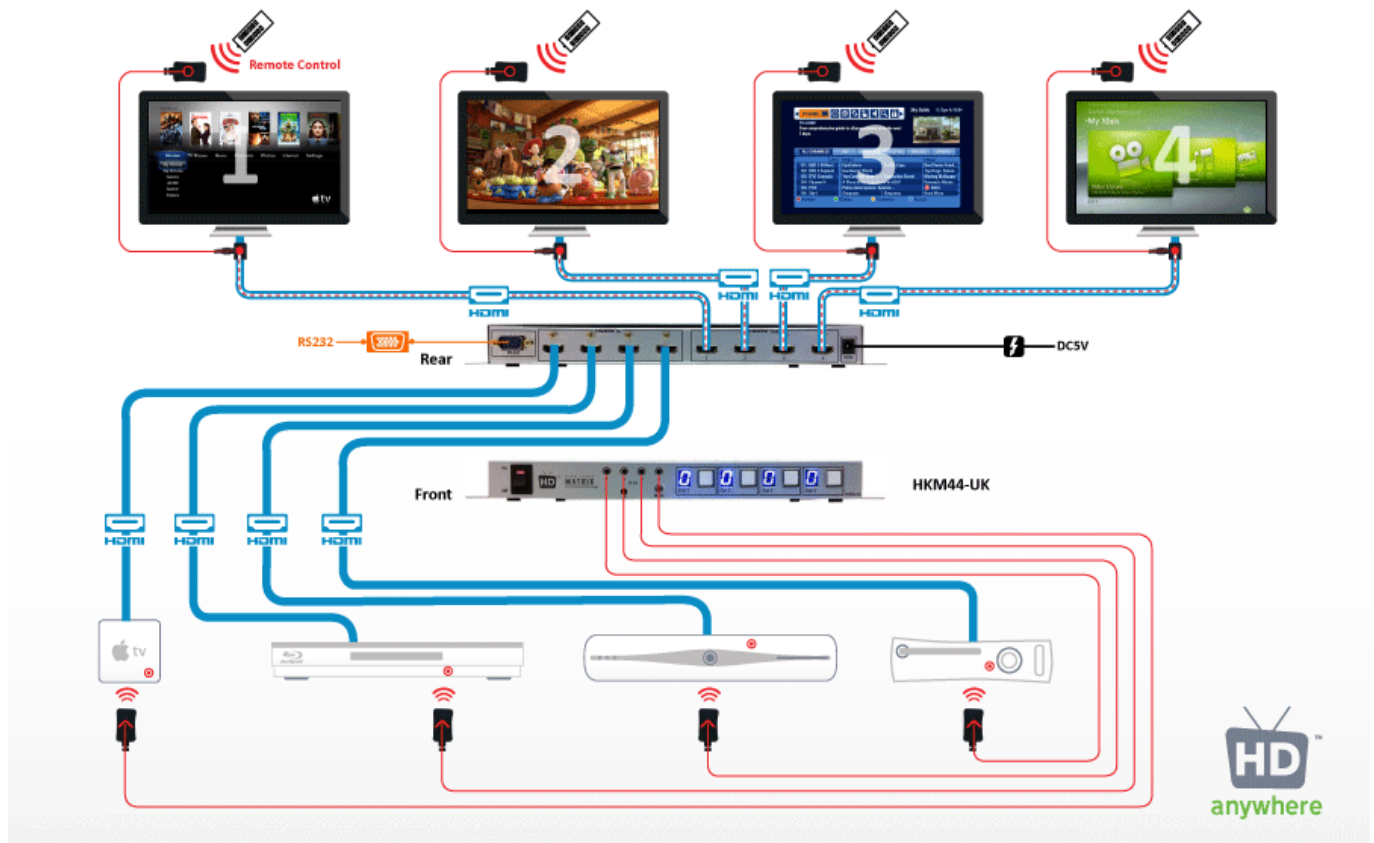# Driver software written and provided by

Contents:

Introduction

This Crestron module is based on the 4x4 and 8x8 HDMI Matrix switch and has been tested against the HKM44-UK , HKHA414SW and HKM88 HDMI switches. It was written and tested using Crestron SIMPL Windows version 3.02.14, SIMPL+ 3.03.16 running on a CP2e Crestron Processor.

The Crestron Processor can be used to route each channel input source to an appropriate video output using the standard A/V switch interface. In this way, the user has complete control over what is being viewed and the location of where it is watched.

Crestron Driver Version : **2.0**

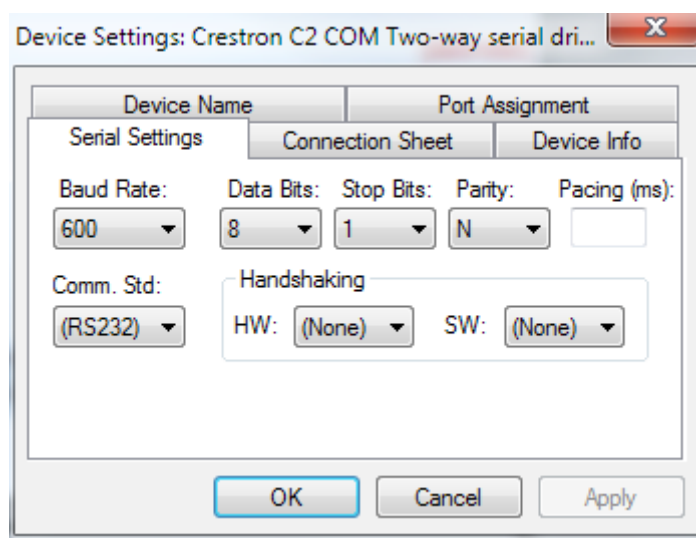# Example configuration

Crestron Serial Comms Configuration

The serial port of the Crestron control unit must be connected to the serial port of the HDMI Matrix switch

via a female to female straight through cable. Female to female cables are typically null modem cables; in this case, a cross over adaptor will have to be used in addition.

The serial comms configuration is

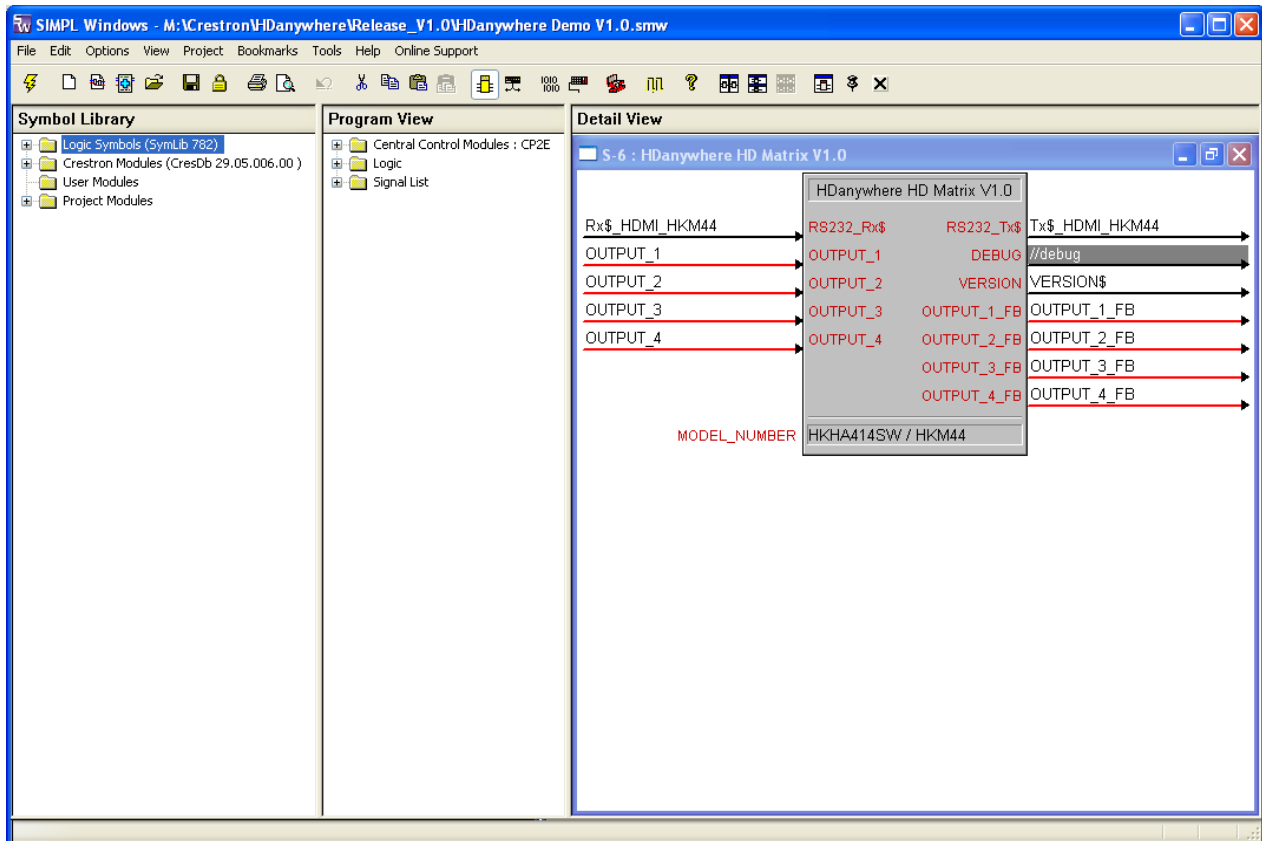|	
Baud rate	600bps
Data bits	8 bits
Parity	None
Stop bits	1 bit
Flow control	None

HKM44

Crestron Configuration

Add the module to your project

Open your Crestron Simpl Windows program. Copy the following files to the folder where your program is stored:

HDanywhere HD Matrix V*x.y*.umc
HDanywhere HD Matrix V*x.y*.ush
HDanywhere HD Matrix V*x.y*.usp

and then click Tools -> Reload Device and Symbol Libraries from disk. The HDanywhere HD Matrix module will appear in your Symbol Library under Project Modules -> Switcher. The current version of the module is indicated by the *x.y* suffix. Add the module to your program.

Parameter Properties

Input to module

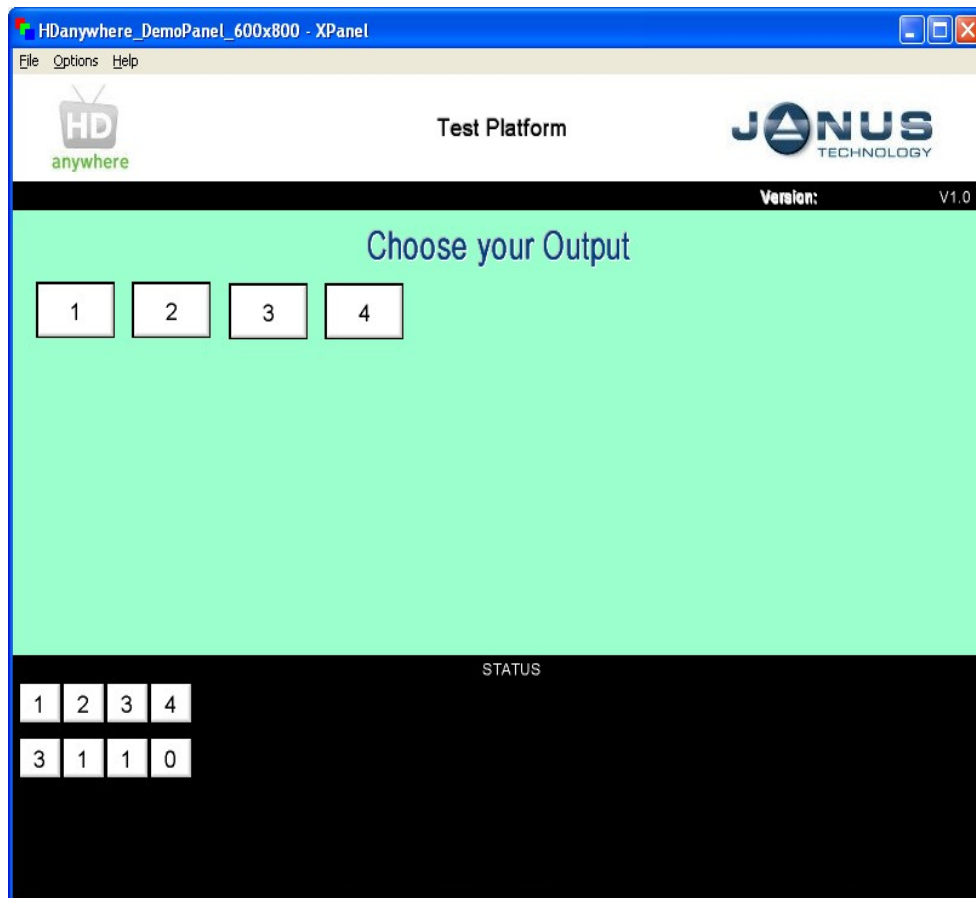| Name	Type	Explanation
RS232_Rx$	STRING	String data from the receive port RS232.
OUTPUT_X	ANALOG	Sets the input number where X is valid number, range 1 to number of inputs.

Output from module

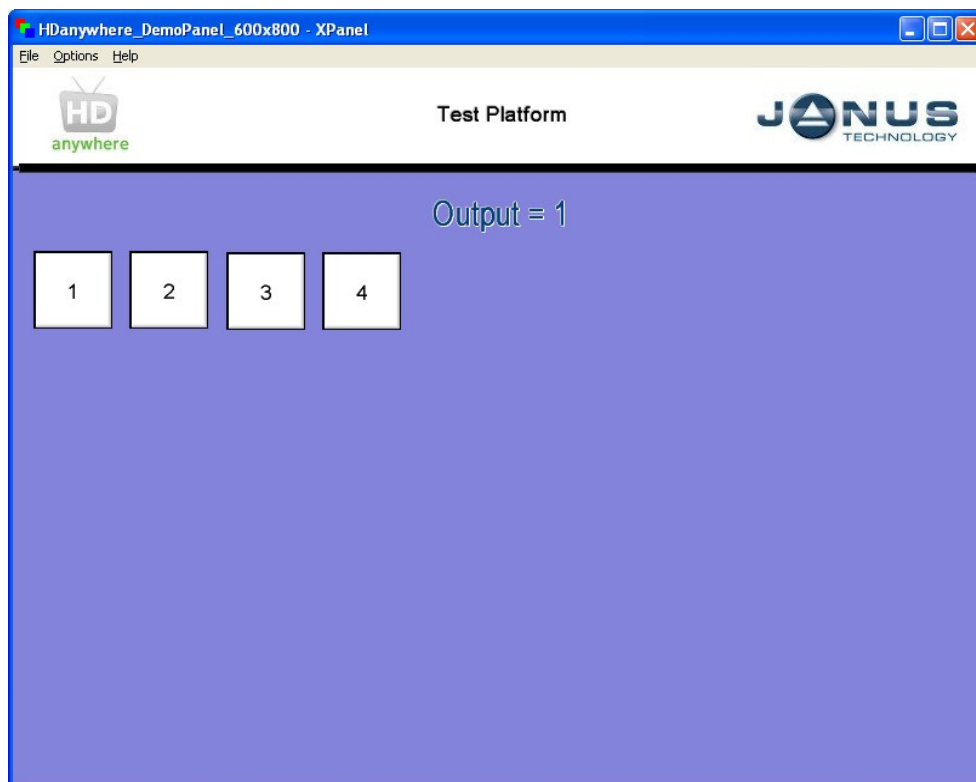| Name	Type	Explanation
RS232_Tx$	STRING	Transmit port to send commands on the RS232 port.
OUTPUT_X_FB	ANALOG	Selects the input for a given output port where X is a valid number, range 1 to number of inputs.
VERSION$	STRING	Version number of the driver.

Parameter of module

Name	Type	Explanation
MODEL_NUMBER	SELECTION	The HDMI switch model type

Demo Panel

Select your output port and then select your input port.

Troubleshooting

Note on feedback

The HDMI Matrix switches provides no feedback on switching. This means that the feedback displayed on the status buttons of the demo panel are derived from the commands received from the Crestron system. This means that on start-up, the feedback may not reflect the true status of the switch. Furthermore, local changes made directly to the switch will not be reported.