Partner: Vanco
Model: EVMX4X4
Device Type: Matrix

GENERAL INFORMATION

SIMPLWINDOWS NAME:	Vanco 4X4 HDMI Matrix EVMX4X4 Serial
CATEGORY:	Matrix
VERSION:	1.0
SUMMARY:	This module integrates Vanco 4X4 HDMI Matrix (EVMX4X4) via RS-232.
GENERAL NOTES:	This module integrates the functions of a Vanco 4X4 HDMI Matrix (EVMX4X4) via RS-232.
CRESTRON HARDWARE REQUIRED:	3 series processor.
SETUP OF CRESTRON HARDWARE:	Connect the Vanco 4X4 HDMI Matrix to a RS-232 serial port on the Crestron controller. Configure the COM Two-way serial driver to the connected RS-232 serial port with the following settings: Baud Rate - 9600 Data Bits - 8 Stop Bits - 1 Parity - N Connect "TX_SERIAL_COMMAND" to the [tx$] connection of the Two-way serial driver. Connet "RX_SERIAL_DATA" to the [rx$] connection of the Two-way serial driver.
VENDOR FIRMWARE:	V1.0.1
VENDOR SETUP:	N/A
CABLE DIAGRAM:	N/A

CONTROL:

POWER_ON	D	Pulse to send "Power On" command to the matrix.
POWER_OFF	D	Pulse to send "Power Off" command to the matrix.
POWER_STANDBY	D	Pulse to send "Power Standby" command to the matrix.
UPDATE_STATUS	D	Pulse to fetch and update the current values of the matrix's outputs.
SET_INPUT_D[1-4]	D	Pulse [1-4] to select an input to switch to the selected output.
SET_OUTPUT_D[1-5]	D	Pulse [1-5] to select an output to switch to the selected input. Pulse 5 to select all outputs.
SET_INPUT_A	A	Pulse [1-4] to select an input to switch to the selected output.
SET_OUTPUT_A	A	Pulse [1-5] to select an output to switch to the selected input. Pulse 5 to select all outputs.
SAVE_PRESET	A	Pulse [0-9] to save the current configuration to the pulsed number.
RECALL_PRESET	A	Pulse [0-9] to recall the configuration previously saved to the pulsed number.
CLEAR_PRESET	A	Pulse [0-9] to clear the configuration previously saved to the pulsed number.
RX_SERIAL_DATA	S	Connect to the [rx$] output of the Two-way serial driver.

FEEDBACK:

OUTPUT1	A	Analog feedback of the input number that output 1 is set to.
OUTPUT2	A	Analog feedback of the input number that output 2 is set to.
OUTPUT3	A	Analog feedback of the input number that output 3 is set to.
OUTPUT4	A	Analog feedback of the input number that output 4 is set to.
TX_SERIAL_COMMAND	S	Connect to the [tx$] input of the Two-way serial driver.

TESTING:

OPS USED FOR TESTING:	RMC3 1.010.0060
SIMPL WINDOWS USED FOR TESTING:	4.03.20
DEVICE DB USED FOR TESTING:	69.05.001.00
CRES DB USED FOR TESTING:	53.05.005.00
SYMBOL LIBRARY USED FOR TESTING:	968
SAMPLE PROGRAM:	Vanco EVMX4X4 and EVMX4X4 Demo
REVISION HISTORY:	v1.0 – Original Release