

**Partner: Haivision**  
**Model: Makito-X**  
**Device Type: Encoder AV**

**GENERAL INFORMATION**

<b>SIMPLWINDOWS NAME:</b>	Haivision_Makito-X_Controller_Streamers_v1.5
<b>CATEGORY:</b>	Transport Decks
<b>VERSION:</b>	V1.5
<b>SUMMARY:</b>	This module provides basic transport controls for a Haivision Makito encoder.
<b>GENERAL NOTES:</b>	<p>This module will control all streams for a Haivision Makito-X Encoder. True feedback is provided for all functions. When any command is sent to the encoder, it will acknowledge the command and respond with a transport control state. No commands will be processed to the encoder until the unit is properly logged in. The module's default parameters are the default "ship-with" values that Haivision ships their units with. If any parameters are changed on the unit, be SURE to update the Connectors username/password/hostname to reflect these changes. The Controllers stream ID parameter is the number of the encoded stream to be controlled. The module requires only a single Connector per program and (1) Controller per</p>
<b>CRESTRON HARDWARE REQUIRED:</b>	3 Series processor. RMC3CNET-1
<b>SETUP OF CRESTRON HARDWARE:</b>	TCP/IP – Port 23
<b>VENDOR SETUP:</b>	Haivision ship with TCP configuration: IP Address: 10.5.1.2 Subnet: 255.255.0.0 Gateway: 10.5.0.1 Username: admin Password: manager
<b>CABLE DIAGRAM:</b>	N/A

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**CONTROL:**

Stream_Start	D	Pulse to start the encoded stream
Stream_Stop	D	Pulse to stop the encoded stream
Stream_Pause	D	Pulse to pause the stream encoding
Stream_Resume	D	Pulse to resume stream encoding from Pause
Logged_In	D	Tied to the "Logged In" from the Connector module
RX\$	S	Connects to the RX\$ output on the TCP/IP Client

**FEEDBACK:**

Stream_Started	D	Current stream encoding is started and running
Stream_Stopped	D	Current stream encoding is stopped
Stream_Paused	D	Current stream encoding is paused
TX\$	S	Connects to the TX\$ input on the TCP/IP Client.

**PARAMETERS:**

Stream_ID	P	Numeric value of the stream to be controlled.
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**TESTING:**

OPS USED FOR TESTING:	RMC3 1.501.0013
SIMPL WINDOWS USED FOR TESTING:	V.03.20.00
DEVICE DB USED FOR TESTING:	v72.00.001.00
CRES DB USED FOR TESTING:	V41.05.005.00
SYMBOL LIBRARY USED FOR TESTING:	V508
SAMPLE PROGRAM:	Haivision_v1.5
REVISION HISTORY:	v1.5 Recording release.

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