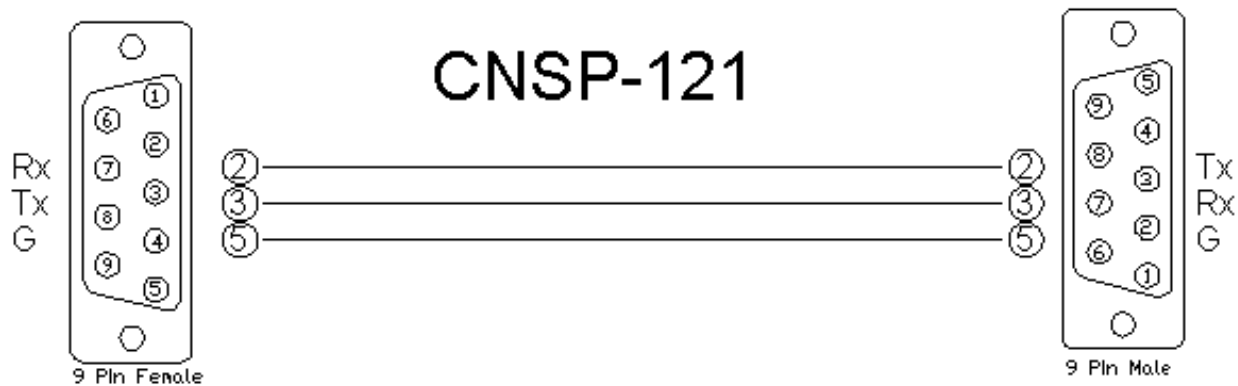


**Partner: ELK**  
**Model: M1 & M1G**  
**Device Type: Security**



**GENERAL INFORMATION**

<b>SIMPLWINDOWS NAME:</b>	ELK M1 Output Controls
<b>CATEGORY:</b>	Security
<b>VERSION:</b>	1.0
<b>SUMMARY:</b>	This module provides the On/Off controls and true feedback for one Output Control.
<b>GENERAL NOTES:</b>	This module provides the On/Off control for one output on the ELK M1 or M1G security system. It also provides true feedback for the output. It MUST be used in conjunction with the ELK Output Control Feedback module. The Time_Active_In is used to turn the output on for the specified number of seconds. To turn the output on until the off command is sent, set the time to 0d.
<b>CRESTRON HARDWARE REQUIRED:</b>	CNXCOM-6, CNX-COM2, ST-COM, C21-COM, C2COM-2, C2COM-3
<b>SETUP OF CRESTRON HARDWARE:</b>	RS232 Baud: 115200 Parity: None Data Bits: 8 Stop Bits: 1
<b>VENDOR FIRMWARE:</b>	4.2.8
<b>VENDOR SETUP:</b>	You need to make sure to check the following items under Globals on the G29-G42 tab in the ELKRP software. Transmit Keypad Changes, Transmit Zone Changes & Transmit Output Changes. The Transmit Keypad Changes will provide automatic feedback for changes in Area and Keypad status. The Transmit Zone Changes will provide automatic feedback for changes in Zone status. The Transmit Output Changes will provide automatic feedback for changes in the Output status.
<b>CABLE DIAGRAM:</b>	



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### CONTROL:

Control_Output_On/Off/Toggle	D	Pulse to turn the output on and off.
Control_Output_Status_In	A	Analog value to come from the ELK Output Control Feedback module.
Time_Active_In	A	Analog value for the number of seconds to hold the output on for. To hold the output on until the off command is sent, set the time active to 0d.

### PARAMETER:

Control Output	P	Output number to be controlled. Valid values are 1 to 208.
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### FEEDBACK:

Control_Output_On/Off_Fb	D	High to indicate the current status of the output
To_Device\$	S	Serial signal to be routed to a 2-way serial com port.

### TESTING:

OPS USED FOR TESTING:	PRO2: 3.137 CNMSX-Pro: 5.14.02-x
COMPILER USED FOR TESTING:	2.05.22
SAMPLE PROGRAM:	ELK M1 Demo
REVISION HISTORY:	V. 1.0