

Partner: Crestron International
Model: CGDMX-512BI
Device Type: Lighting Control

**GENERAL INFORMATION:**

SIMPLWINDOWS NAME:	"Crestron CGDMX-512BI v1.1.umc"
CATEGORY:	Lighting Control
VERSION:	V 1.1
SUMMARY:	The CGDMX-512BI is a serial DMX512 interface which makes easy interfacing possible between a Crestron control system and lighting product using the DMX512 protocol.
GENERAL NOTES:	<p>The CGDMX-512BI is a serial DMX512 interface which makes easy interfacing possible between a Crestron control system and lighting product using the DMX512 protocol.</p> <p>The "Crestron CGDMX-512BI v1.1.umc" macro defines 32 devices which each 16 channels. Every channel can be controlled using an analog ramp or direct by using the analog signals.</p>
CRESTRON HARDWARE REQUIRED:	2/3 series processor
SETUP OF CRESTRON HARDWARE:	<p>CGDMX-512BI settings: S1->7, S2->1, S3->1</p> <p>RS232</p> <p>Baud: 38400</p> <p>Parity: None</p> <p>Data Bits: 8</p> <p>Stop Bits: 1</p>
VENDOR FIRMWARE:	Unknown
VENDOR SETUP:	The CGDMX-512BI is connected to the Crestron processor with a strait cable.
CABLE DIAGRAM:	Standard DB5 cable

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**CONTROL:**

Select_Device_x	D	Pulse to select device x; x is 1 to 32.
Increase_Channel_x	D	Pulse to increase the value of channel x; x is 1 to 16.
Decrease_Channel_x	D	Pulse to decrease the value of channel x; x is 1 to 16.
Set_Selected_Channel_x	A	Analog value to set the value of channel x directly; x is 1 to 16.
From_Device	S	To be connected with the Rx\$ signal of the used com port.

FEEDBACK:

Device_x_Is_Active	D	High when device x is active; x is 1 to 32.
Selected_Channel_x_Analog	A	Analog value showing the value of channel x of the selected device; x is 1 to 16.
To_Device	S	To be connected with the Tx\$ signal of the used com port.

TESTING:

OPS USED FOR TESTING:	PRO2 4.003.0015 MC3 1.002.0000
SIMPL WINDOWS USED FOR TESTING:	3.11.06
CRESTRON DB USED FOR TESTING:	30.05.014.00
DEVICE DB USED FOR TESTING:	40.05.010.00
SAMPLE PROGRAM:	"Crestron CGDMX-512BI v1.1 PRO2 Demo.smw " "Crestron CGDMX-512BI v1.1 MC3 Demo.smw "
REVISION HISTORY:	V. 1.1