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**DESCRIPTION:**

The CGDMX-512BI is an interface, which makes an easy interfacing possible between the CRESTRON system and other lighting products using DMX bus.

You need one RS232 port on the Crestron control system to communicate with the DMX interface.

The DMX Interface has two different DMX Ports, one DMX In to receive data from another unit (e.g. DMX light control) and one DMX Out to send data to the lighting products.

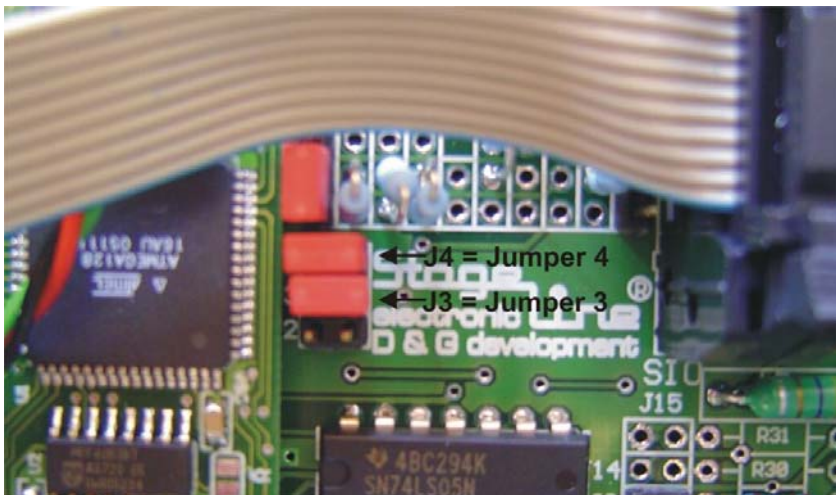
You can switch between different modes, to process the incoming data with the Crestron data.

TECHNICAL SPECIFICATIONS:

Dimensions	:	200mm x 110mm x 47mm (L x W x D)
Color	:	black plastic housing
Power supply	:	230V AC 50–60 Hz
Included in delivery box :	:	RS232 communication cable
RS232 Port	:	9 pin Sub-D (1:1 cable to the Crestron system)
		Baudrate: 38400, 8, N, 1
DMX In	:	5 pin XLR female (Pin1 GND, Pin2 TX-, Pin3 TX+)
		DMX512, 512 channels
		Baudrate: 250.000, RS422 type communication
DMX Out	:	5 pin XLR female (Pin1 GND, Pin2 TX-, Pin3 TX+)
		DMX512, 512 channels
		Baudrate: 250.000, RS422 type communication
LED	:	red Power
		green CN COM RX/TX communication
		green DMX512 RX/TX DMX data

Jumper Settings:

J3 and J4 plugged (default)	:	LTP mode, (Last Take Precedence), last changed value on DMX In is transmitted
J3 plugged	:	LTP mode, same as J3&J4 but not transmitted on RS232
J4 plugged	:	HTP mode, (Highest Take Precedence), crestron value and DMX IN value compared and highest is transmitted
J3+J4 not plugged	:	no mode selected, DMX IN disabled, DMX OUT enabled, unit sends data



- J5 : protocol mode, Jumper bottom (default) → RS232
 Jumper on top → RS422
- Rotary switch : select Baudrate: 7 = 38400 baud (default)
 0= 1200, 1= 2400, 2= 4800, 3= 9600,
 4= 14400, 5= 19200, 6= 28800, 7= 38400,
 8= 76800, 9=115200

