HELP FILE DOCUMENT

Manufacturer: Creative Lighting
Model: eDIDIO S10
Device Type: Lighting Controller

CONTACT SUPPORT:

COMPANY NAME:	Creative Lighting and Sound Systems Pty Ltd
SUPPORT CONTACT:	Michael Howes
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ADDRESS:	4 Pine Street North Ipswich
NOTES:	Main Module + DALI Module + DMX Module

GENERAL INFORMATION

SIMPLWINDOWS NAME:	eDIDIOControlModule
CATEGORY:	Lighting
VERSION:	Version 1.0
SUMMARY:	This module connects to an eDIDIO S10 Lighting Controller via TCP and can send command strings generated from supporting modules
GENERAL NOTES:	
CRESTRON HARDWARE REQUIRED:	RMC4
SETUP OF CRESTRON HARDWARE:	Connected to TCP/IP Network
VENDOR FIRMWARE:	Module constructed for Version 1.0.82+ (Compatible with older firmware)
VENDOR SETUP:	Connect to TCP/IP Network, output to DALI or DMX lines as required
CABLE DIAGRAM:	TCP/IP Connection. 24V PSU. DALI (With DALI PSU), DMX

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CONTROL:

Signal/Function Name	*D,S,A*	*Digital, Serial, Analog signal property definition.*
Connect	D	Press to connect, depress to disconnect
messageInput	S	Generated String input to send via TCP
DALI Module		
Lighting_Toggle	D	Press to Toggle the Group ON/OFF
Lighting_ON	D	Press to switch the Group ON
Lighting_OFF	D	Press to switch the Group OFF
Send Command	D	Press to send a custom command based on the Analog Inputs
DALI_Line	A	Line to send (1, 2, 4, 8) (This is a bitmask, and can contain multiple)
DALI_Address	A	Address of the DALI Fixture/Group (0-63), Groups (64-79), Broadcast (80)
DALI_Level	A	Level to send (0 – 254)
Change_CCT_Level	A	Immediately sends a CCT level change (2600K to 6500K) (Depending on Light range)
DMX Module		
Lighting_Toggle	D	Press to Toggle the Group ON/OFF
Lighting_ON	D	Press to switch the Group ON
Lighting_OFF	D	Press to switch the Group OFF
Send Command	D	Press to send a custom command based on the Analog Inputs
DMX_Line	A	Line to send (1, 2, 4, 8) (This is a bitmask, and can contain multiple)
DMX_Address	A	DMX Start Address (1-511)
DMX_CH1	A	DMX CH1 (Red) Level – 0 to 255

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DMX_CH2	A	DMX CH2 (Green) Level – 0 to 255
DMX_CH3	A	DMX CH3 (Blue) Level – 0 to 255
DMX_CH4	A	DMX CH4 (White) Level – 0 to 255
DMX_Fade10ms	A	DMX Fade Time (multiplied by 10ms)

FEEDBACK:

1. Connect_FB	D	Indicates the Connection Status
2. Status_FB	A	Connection Status Value
DALI Module		
eDIDIO_Message	S	Generated String to send to the eDIDIO TCP Module
DMX Module		
eDIDIO_Message	S	Generated String to send to the eDIDIO TCP Module

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PARAMETERS:

Address	S	Ip Address of the eDIDIO Controller
Port	S	Port of the eDIDIO Controller
DALI Module		
DefaultLine	S	Default Line (1, 2, 4, 8)
DefaultAddress	S	Address of the DALI Fixture/Group (0-63), Groups (64-79), Broadcast (80)
DefaultOnLevel	S	Value sent with an ON/Toggle Command
DALI Module		
DefaultLine	S	Line to send (1, 2, 4, 8) (This is a bitmask, and can contain multiple)
DefaultAddress	S	Start Address (1-511)
DefaultRepeat	S	Number of Fixtures to output. I.e. 2 RGBW fixtures will repeat the channels from 1-8
DefaultType	S	Number of Channels Up to 4 (3 = RGB, 4 = RGBW, 1 = White)

TESTING: (please fill out carefully)

OPS USED FOR TESTING:	RMC4 – Version 2.4508.00010
SIMPL WINDOWS USED FOR TESTING:	SIMPL 4.30
DEVICE DB USED FOR TESTING:	200.390 (build: 200.39000.002.00)
CRES DB USED FOR TESTING:	(cnctrldb22000.mdb) : 228.00
SYMBOL LIBRARY USED FOR TESTING:	Symlib2.Tio 1218 12/18/2024
SAMPLE PROGRAM:	CtrlFreak eDIDIO TCP Demo.smw
REVISION HISTORY:	Version 1.0

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