Leax

This module lets you call and store any scene on the Leax system and show which shows live feedback of the last called scene

GENERAL INFORMATION

SIMPLWINDOWS NAME:	Leax Scenes.umc
CATEGORY:	Device Interface
VERSION:	V1.0
SUMMARY:	This module lets you call and store any scene on the Leax system and show which shows live feedback of the last called scene
GENERAL NOTES:	Scenes are called by the analog input “Call_Scene”. The moment this input changes value, the module calls the corresponding scene. To store a scene, first set the “Store_Scene#” analog input to which scene you which to store, then pulse the “Store_Scene” digital input. If you want the “Store Scene” digital input to always store the last selected scene, simply route the “Last_Scene_Called” analog output to the “Store_Scene#” analog input (as in the demo program) The “Last_Scene_Called” analog output changes whenever: - this module is used to call a new scene - a new scene is called on the Leax system itself - circuits are manually changes (up & down) by either this module or the leax system Whenever a circuit is manually changed, the current circuit levels do not correspond with the last selected scene anymore. That’s why the Leax system will send an update to the Crestron processor saying that no scene is currently selected (Last_Scene_Called = 0d). In this case, pulsing the “Store_Scene” digital input will result to nothing. The Leax demo program holds three different control modules: Leax Circuit, Leax All Circuits and Leax Scenes. When you are using more then one instance of any of these modules it is advisable to use the “Leax Send” module as well. This module will take commands from any of those instances and makes sure they are send one by one to the Leax system with an appropriate delay in between. This is done to avoid any commands being missed by the Leax system when 2 modules are trying to fire a command at the same time. For proper use of the “Leax Send” module refer to the help file of that specific module and to the demo program.
CRESTRON HARDWARE REQUIRED:	X- -series or 2-series processor
SETUP OF CRESTRON HARDWARE:	The demo program was written for a PRO2 with TPS-6000 Connection is made over RS-232with a standard crossed cable. Com port settings: 9600, 8, 1, N
VENDOR FIRMWARE:	Interface software (protocol): V 3.0
VENDOR SETUP:	At present Leax is using the XLON gateway as an RS232-LEAX interface. They are planning on making their own gateway in the future though. Anyway, a gateway should always be supplied by Leax. The com port of the Crestron processor is to be connected via RS-232 on this gateway.

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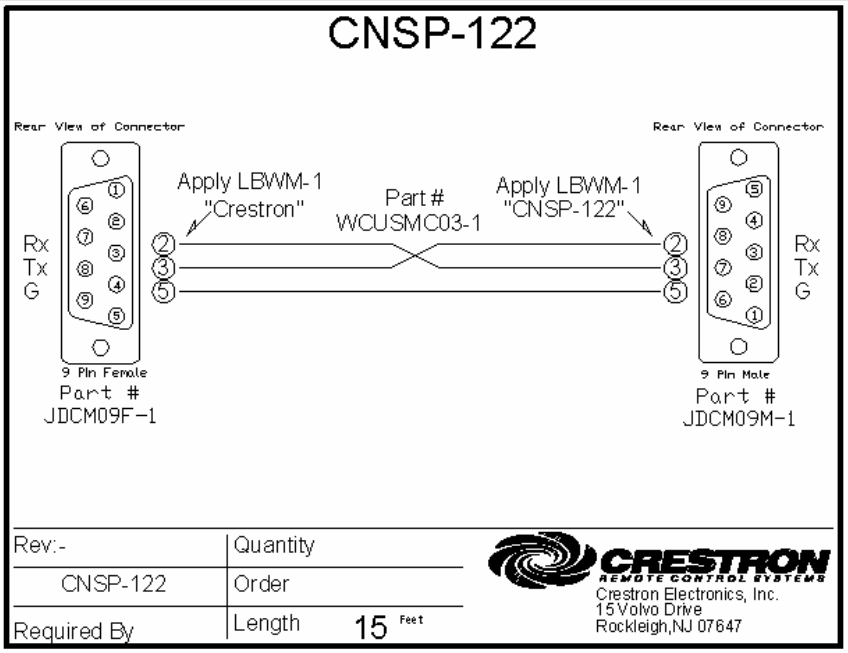
CABLE DIAGRAM:



CONTROL:

Call_Scene	A	Change to call a scene. 1d = call scene 1
Store_Scene#	A	Set the scene that is to be stored. 1d = scene 1. Can be routed from the “Last_Scene_Called” analog output
Store_Scene	D	Pulse to store the scene set by the “Store_Scene#” analog input
Rx	S	To be connected to the RX of the com port

FEEDBACK:

Last_Scene_Called	A	Shows which scene has last been called. 1d = scene 1

Tx	S	To be connected to the TX of the com port or the “From_Modules$” of the “Leax Send” module

TESTING:

OPS USED FOR TESTING:	V 3.155
COMPILER USED FOR TESTING:	V 2.07.32
SAMPLE PROGRAM:	Leax Demo Program.smw
REVISION HISTORY:	V 1.0 Creation

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