SIMPLWINDOWS NAME:	Rane ECB 6 Mixing/Routing Control (1-Way)
CATEGORY:	Mixer
VERSION:	1.0
SUMMARY:	Allows any of six inputs to be routed/mixed to any of six outputs
GENERAL NOTES:	The Rane ECB 6 has 6 input ports and 6 output ports. This module allows any input to be routed to any output with one exception. You cannot route an input to itself. For example, you cannot connect input 1 to output 1. This module is designed to do automated routing, rather than choosing an output, and then inputs.
	The module functions as follows: Pulse the output, all inputs desired, and SWITCH simultaneously with a .1 second pulse. The switch will be executed immediately. All inputs which were pulsed will be connected to the output. Any inputs which were not pulsed will be disconnected from the output. Only one output can be switched at a time.
	It is important that you do not activate multiple functions on the Rane system simultaneously. For example, you should not use any of the functions on the modules while the polling is in progress. You should not send routing commands while the volume is being ramped up or down. If this were done, some commands may be missed.
	There is an ADDRESS-HEX parameter in the module. This is a 2-digit hex number. For example, if the ECB 6 address is 2, the parameter to insert would be 02H.
CRESTRON HARDWARE:	CNXCOM, ST-COM
SETUP OF CRESTRON HARDWARE:	Baud Rate - 19200 Parity - Even Data Bits - 8 Stop Bits - 1
VENDOR FIRMWARE:	Firmware Rev 1.5, Hardware Rev 1
VENDOR SETUP:	Use the RW 232 Input port to connect to the Crestron system. If multiple Rane products are being used, the RW 232 out port will loop to the RW 232 In port on the next Rane unit.
	The address of the the ECB 6 must be assigned using the DEVICE ADDRESS dip switches on the back of the unit. The address set must match the ADDRESS-HEX parameter in the module.
CABLE NUMBER:	CNSP-121

CONTROL:

IN-1-6	D	Pulse all inputs desired with a .1 second pulse
OUT-1-6	D	Pulse the one output to be used with a .1 second pulse
SWITCH	D	Pulse this input with a .1 second pulse to execute the switch
RANE-RX$	S	Serial data string to be routed from a 2-way RS232 port
		Parameter to specify the address of the ECB

ADDRESS-HEX	P	6. This should be a 2 digit hex number. For example for an address of 2, use 02H

FEEDBACK:

RANE-TX$	S	Serial Data string to be routed to a 2-way RS232 port.

OPS USED FOR TESTING:	3.18.06M, 5.01.26x
COMPILER USED FOR TESTING:	SimplWindows Version 1.20.04
SAMPLE PROGRAM:	RANETSTA
REVISION HISTORY:	None