

Partner: Crestron Electronics, Inc.

GENERAL INFORMATION

SIMPLWINDOWS NAME:	CMS Cable Preset Storage Master w-Icons
CATEGORY:	Device Interface
VERSION:	V2.1
SUMMARY:	Stores cable/satellite preset numbers w/Icon values
GENERAL NOTES:	<p>This module allows for storage of both channel presets and an associated Icon value for each preset. Touchpanel file given with demo program has 16 preset buttons with dynamic channel icons for each button. Icon value that is stored for each preset is associated with channel icons embedded in demo touchpanel project. This gives the ability to dynamically set and/or change presets with out having to reprogram the system.</p> <p>Multiple copies of same module can be used by assigning one as the master and all others as slaves. The master will keep storage of all presets with icon values. When digital input 'Main-Processor-Send' is pulsed, it will send a string value out of output marked 'Main-Processor-Channel-Out\$' with all preset values. When this output is tied to another module that is assigned as a slave on the 'Main-Processor-Channel-In\$' input, all values from master module will be copied to slave module. This allows for the need of only one module in a system to store presets.</p> <p>This method can also be used along with TCP/IP Client/Server symbols when there are multiple processors involved. Any method that allows for serial transport from one location to another (i.e. UDP Symbol, Intersystem Communications, etc.) will work with the master/slave scenario.</p>

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CONTROL:

Master	D	Place a 1 or 0 to assign the module as a master or slave.
Cable-Key-*	D	Pulse to set channel number for selected preset
Cable-Key-Backspace	D	Pulse to remove last number entered on keypad
Cable-Key-Clear	D	Pulse to clear number displayed
Cable-Key-Store	D	Pulse to store currently displayed number in selected preset
Cable-Key-Cancel	D	Pulse to cancel current preset change
CATV-Preset-*	D	Pulse to select preset. If preset value stored, current channel number will display.
Cable-Icon-Next/Prev	D	Pulse to cycle up/down thru available icons
Cable-Reset	D	Pulse to clear all presets, setting all channel and icon values to zero
Main-Processor-Send	D	Pulse to send current preset storage values to slave modules
Main-Processor-Channel-In\$	S	When assigned as a slave module, tie this signal to 'Main-Processor-Channel-Out\$' of master module.

FEEDBACK:

Cable-Channel-Out	A	Analog value of last selected preset. Can be tied to 'CMS CATV Preset Pulser' to trigger IR driver for Cable or Satellite TV.
Cable-Channel-Out\$	S	Indirect text of last selected preset. Can be tied to touchpanel serial input.
CATV-Preset-*-FB	D	Latched feedback indicating currently selected preset.
Cable-Icon-Out	A	Analog value of icon for preset being edited
Actual-Cable-Icon-Value-*	A	Analog value of icon for preset button. One output for each button up to 30.
Main-Processor-Channel-Out	S	Provides serial string with all channel and icon values currently stored. Tie this to any slave modules being used.