Text Message Sequencer – 96 Messages Module Application Guide

Description

This module enables the display of a sequence of up to 96 messages on one serial string. Uses for this could include display of a security system's zone status on a single text field of a touchpanel or the front panel of a PRO2.

Supported Processors

This module will run on any 2-series processor.

Compatibility			Processor Requirements	
2-Series Compatible	NOT CNMSX Compatible	NOT System Builder Compatible	Ethernet NOT NEEDED	Compact Flash NOT NEEDED

Module Application

The module will cycle through all active events on the pulsing of the clock input and display the text defined in the parameters of the module. Events that are not latched high will be skipped. Typically this module would be used to support a security system that does not provide the scrolling text feedback from the keypad. Connecting the status of each zone from the panel to the inputs on this module will allow you to emulate the scrolling function. We have also used the module to scroll warnings on a touchpanel related to residential systems such as sump alarms, freeze alarms, generator failure status, etc.

Signal and Parameter Descriptions

Bracketed signals such as "[signal_name]" are optional signals

DIGITAL INPUTS

[clock] .... When clock is pulsed, the next active event text will be sent out event_text$

[event1_active] – [event96_active] .... Latched high to enable the corresponding event message to be sent.

ANALOG INPUTS

This module does not utilize any analog inputs.

SERIAL INPUTS

This module does not utilize any serial inputs.

DIGITAL OUTPUTS

[message_active_fb] .... Latched high as long as at least one event is active.

ANALOG OUTPUTS

This module does not utilize any analog outputs.

SERIAL OUTPUTS

event_text$. .... Contains the string generated on the pulse of clock. The string contents are generated from the corresponding Event_Message_X parameter field.

PARAMETERS

Event_Message_1 – Event_Message_96 .... Enter the string to be sent out when the corresponding event is active and clock is pulsed.

Support

This module is FREE, so sorry but that means no support.

Updates, when available, are automatically distributed via Email notification to the address entered when the module was purchased.

Distribution Package Contents

The distribution package for this module should include:

Text_Sequencer_96_Messages_v1.umc .... Crestron User Module
Text Message Sequencer Engine v1.usp .... SIMPL+ file used within the user module
Text Message Sequencer Engine v1.ush .... SIMPL+ header file
Text_Message_Sequencer_96_zones_Demo_v1.smw ..... Demo program for PRO2 processor
Text Message Sequencer 96 Messages v1 Help.pdf .... Help file for user module

Revision History

V1 support@controlworks.com 10/13/09
     -initial release

Development Environment

This module version was developed on the following hardware and software. Different versions of hardware or software may or may not operate properly. If you have questions, please contact us.

Crestron Hardware	Firmware Version
Crestron PRO2 Processor	3.155.1243
Software	**Software Version**
Crestron SIMPL Windows	2.11.27.00
Crestron Database	20.07.002.00