SIMPLWINDOWS NAME:	Rotel RSX-1065
CATEGORY:	Surround Sound Receiver
VERSION:	1.0
SUMMARY:	Controls all standard functions and provides true feedback
GENERAL NOTES:	This module will control all of the standard functions on a Rotel-1065 Surround Sound Receiver. True feedback for some functions is provided by the receiver. Functions provided include main zone control, as well as zone and record zone source selection, surround mode selection, surround speaker level adjustments, and tuner preset selection. True feedback emulating the display on the front of the Rotel unit is provided. This displays almost all settings of the unit. Seperate discrete feedback is provided for the Main/Zone source selection, the record zone source selection, and the main zone volume level.
	Note that for surround mode selection, certain selections are only valid while certain sources are selected. So choosing a particular surround mode may actually cause a slightly different mode to be activated on the Rotel system. However, since true feedback is provided, the actual surround mode currently active will be reflected on the output of this module. Also note that some functions for multi-zone and record zones are not valid at all times.
CRESTRON HARDWARE:	CNCOMH-2 CNXCOM ST-COM C2-COM
SETUP OF CRESTRON HARDWARE:	Baud Rate - 19200 Parity - None Data Bits - 8 Stop Bits - 1
VENDOR FIRMWARE:	None
VENDOR SETUP:	None
CABLE NUMBER:	CNSP-636

CONTROL:

POWER_ON/OFF	D	Power the unit on/off
MAIN_VOLUME_UP/DOWN/MUTE	D	Adjust the volume level in the main/zone area
Main/Zone_*	D	Select the source to be heard in the main/zone area
Record_*	D	Select the source for the record zone
SURROUND_MODES	D	Select the surround mode for the main area
SPEAKER_LEVEL_ADJUSTMENTS	D	Adjust the speaker levels for each of the surround speakers
ZONE	D	Puts the unit into "zone" mode which allows source selection and volume adjustments for the zone area
TUNER_PRESET_UP/DOWN	D	Step through the tuner presets sequentially
TUNER_PRESET_*	D	Discretely select any tuner preset

FROM_DEVICE$	S	Serial signal to be routed from a 2-way RS232 port

FEEDBACK:

Main_Volume_Level	A	Indicates the volume level of the main area
Main_Active	D	Indicates that the main area is active for source selection and volume adjustments
Zone_Active	D	Indicates that the zone area is active for source selection and volume adjustments
Main/Zone_*_Fb	D	True feedback indicating the source currently selected for the main or zone area…whichever is active
Record_*_Fb	D	True feedback indicating the source currently selected for the record area
Text_Line_1$	S	Serial string containing the text displayed on the first line of the display
Text_Line_2$	S	Serial string containing the text displayed on the second line of the display
*_FB	D	Directly emulates all of the LED feedback indicators on the front display of the Rotel unit
To_Device$	S	Serial signal to be routed to a 2-way RS232 port.

OPS USED FOR TESTING:	5.12.63x.upz, v2.004.cuz
COMPILER USED FOR TESTING:	SimplWindows Ver 2.02.11
SAMPLE PROGRAM:	Rotel RSX-1065 Demo
REVISION HISTORY:	None