

**SIMPLWINDOWS NAME:** Rotel RX-1050

**CATEGORY:** 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 RX-1050 Receiver. True feedback for most functions is provided by the receiver. Functions provided include main zone control, as well as zone and record zone source selection, and tuner controls. 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 and zone area volume levels.

Not that for source selection and volume control, the same set of inputs is used for both the main area and the zone area. Typically, the main area will be active and any selection made will occur in the main area. To make a selection in the zone area, you must first press the Zone\_2/Main input, to put the Rotel system into Zone mode. Then, any selections made will affect the Zone area. You can tell which area is currently active using the Main\_Active\_Fb and Zone\_Active\_Fb outputs.

**CRESTRON HARDWARE:** CNCOMH-2  
CNXCOM  
ST-COM  
C2-COM

**SETUP OF CRESTRON HARDWARE:** Baud Rate - 2400  
Parity - None  
Data Bits - 8  
Stop Bits - 1

**VENDOR FIRMWARE:** None

**VENDOR SETUP:** None

**CABLE NUMBER:** CNSP-636

## CONTROL:

<b>Power_On/Off/Toggle</b>	D	Activates/Deactivates Standby mode
<b>Display_On/Off</b>	D	Turns the front display on/off
<b>Speaker_A/B</b>	D	Turns speaker A or B, on or off
<b>Main/Zone_*</b>	D	Used to select the source for the main area or zone, depending on which is currently active
<b>Record_*</b>	D	Used to select the source for the record zone
<b>Zone_2/Main</b>	D	Pulse to put the unit into "Zone" mode for source selection and volume control
<b>Record</b>	D	Pulse to put the unit into record mode for source selection
<b>Volume_Up/Down/Mute</b>	D	Adjust the main or zone volume level up/down
<b>Treble_Up/Down</b>	D	Adjust the treble level up/down
<b>BASS_Up/Down</b>	D	Adjust the bass level up/down
<b>Tuner_Functions</b>	D	All available tuner functions including presets and direct station entry

Serial signal to be routed from a 2-way

**From\_Device\$** S RS232 port

## **FEEDBACK:**

<b>Main_Active</b>	D	Indicates that the main area is active for source selection and volume adjustments
<b>Zone_Active</b>	D	Indicates that the zone area is active for source selection and volume adjustments
<b>Main/Zone_*_Fb</b>	D	True feedback indicating the source currently selected for the main or zone area...whichever is active
<b>Record_*_Fb</b>	D	True feedback indicating the source currently selected for the record area
<b>Main_Volume_Level</b>	A	Indicates the volume level of the main area
<b>Zone_Volume_Level</b>	A	Indicates the volume level of the zone area
<b>Text\$</b>	S	Serial string containing the text displayed on the front of the Rotel unit
<b>*_FB</b>	D	Directly emulates all of the LED feedback indicators on the front display of the Rotel unit
<b>To_Device\$</b>	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 RX-1050 Demo  
**REVISION HISTORY:** None