

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:

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

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
Main_Volume_Level	A	Indicates the volume level of the main area
Zone_Volume_Level	A	Indicates the volume level of the zone area
Text\$	S	Serial string containing the text displayed on the front of the Rotel unit
*_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 RX-1050 Demo
REVISION HISTORY: None