

SIMPLWINDOWS NAME: Yamaha RX-V1

CATEGORY: Receiver

VERSION: 1.0

SUMMARY: Controls Power On/Off, Volume, Input Selector, Input Mode, Effect, Speakers A & B On/Off, Tuner Presets, Programing Selections.

GENERAL NOTES: This module will control a Yamaha RX-V1 RECEIVER. This module provides real feedback from the YAMAHA RX-V1.

All inputs should be momentary, as if connected to buttons on a touchpanel.

Note that some functions are not available in certain modes.

CRESTRON HARDWARE REQUIRED: ST-COM, CNXCOM

SETUP OF CRESTRON HARDWARE: Baud Rate - 9600
Parity - None
Data Bits - 8
Stop Bits - 1

RTS/CTS do not need to be defined

VENDOR FIRMWARE: None

VENDOR SETUP: None

CABLE NUMBER: CNSP-532

CONTROL:

POWER-ON/OFF/TOG	D	Turn unit on/off
SELECT-*	D	Allow all available sources to be selected. True feedback will be reflected at the corresponding -FB
TUNER-*	D	Select tuner presets A-F
TUNER-PRESET-1-8	D	Select Tuner presets 1-8
SPEAKER-RELAY-A-ON/OFF	D	Turn speaker relay A on or off
SPEAKER-RELAY-B-ON/OFF	D	Turn speaker relay B on or off
PRESS-6CH-INPUT	D	Select 6 channel input control
VOLUME-UP/DOWN	D	Adjust Zone 1 volume up or down
VOLUME-MUTE-ON/OFF/TOG	D	Mute/Unmute zone 1 volume
EFFECT-CYCLE	D	Single input to cycle through all the available effects
EFFECT-*	D	Discretely choose any of the available effect modes
INPUT-MODE-CYCLE	D	Single button to cycle through the available input modes
INPUT-MODE-*	D	Discretely choose any of the available input modes
ZONE2-VOL-UP/DOWN	D	Adjust zone 2 volume up or down

ZONE2-*	D	Choose any of the available sources for zone 2
YAMAHA_RX\$	S	Serial signal to be routed from a 2 way RS232 port

FEEDBACK:

POWER-ON/OFF-FB	D	True feedback indicating current power state
SOURCE-*-FB	D	True feedback indicating the current source selected
TUNER-*-FB	D	True feedback indicating the current tuner preset
TUNER-PRESET-*-FB	D	True feedback indicating the current tuner preset
SPEAKER-RELAY-A-ON/OFF-FB	D	True Feedback for SPEAKER-RELAY A state
SPEAKER-RELAY-B-ON/OFF-FB	D	True Feedback for SPEAKER-RELAY B state
PRESS-6CH-INPUT	D	True feedback indicating 6 ch input mode is active
VOLUME-BAR	A	Indicates the current volume level. Should be routed to a bargraph on a touchpanel
VOLUME-DISPLAY	A	Indicates the current volume level in dB. Should be routed to a digital panel meter on a touchpanel.
VOLUME-MUTE-ON/OFF-FB	D	True feedback indicating the state of mute
EFFECT-*-FB	D	True feedback indicating the current effect selected
INPUT-MODE-*-FB	D	True feedback indicating the current input mode selected
ZONE2-*-FB	D	True feedback indicating the current source selected for zone 2
TEXT-SOURCE\$	S	Text indicating the current source selected
TEXT-SPEAKER-A\$	S	Text indicating the state of speaker A
TEXT-SPEAKER-B\$	S	Text indicating the state of speaker B
TEXT-INPUT-MODE\$	S	Text indicating the current input mode selected
TEXT-EFFECT\$	S	Text indicating the current effect mode
TEXT-TUNER\$	S	Text indicating tuner preset AF
TEXT-TUNER-PRESET\$	S	Text indicating tuner preset 1-8
TEXT-ZONE2-SOURCE\$	S	Text indicating the current source selected for zone 2
TEXT-ZONE2-SOURCE\$	S	Serial data string to be routed to a 2-way RS232 port

OPS USED FOR TESTING: 5.11.25x
COMPILER USED FOR TESTING: SimplWindows Version 1.40.07
SAMPLE PROGRAM: Yamaha RX-V1 Demo Program.smw
REVISION HISTORY: None