

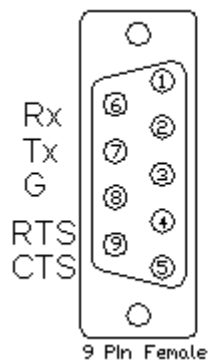
Partner: Marantz
Model: VP-12S4
Device Type: DLP Projector



GENERAL INFORMATION

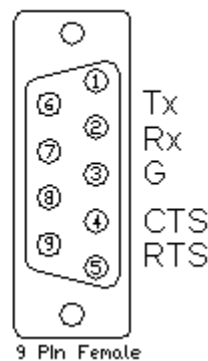
SIMPLWINDOWS NAME:	Marantz VP-12S4
CATEGORY:	TV/Video Projector
VERSION:	1.0
SUMMARY:	This module provides control and true feedback for the Marantz VP-12S4.
GENERAL NOTES:	This module provides control of the Marantz VP-12S4. It also provides true feedback.
CRESTRON HARDWARE REQUIRED:	C2COM, CNXCOM, C2COM-2/3, CNXCOM-2, ST-COM
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 9600 Parity: None Data Bits: 8 Stop Bits: 1
VENDOR FIRMWARE:	None
VENDOR SETUP:	None
CABLE DIAGRAM:	CNSP-143

Rear View of Connector



CNSP-143

Rear View of Connector



Partner: Marantz
Model: VP-12S4
Device Type: DLP Projector


CONTROL:

From_Device\$	S	Serial signal to be routed from a 2-way serial com port.
Power_On/Standby/Toggle	D	Pulse to turn the power on and off.
Input_*	D	Pulse to select the desired input.
Input_step	D	Pulse to step through the inputs.
Mode_*	D	Pulse to select the picture mode.
Mode_step	D	Pulse to step through the modes.
Aspect_*	D	Pulse to select the desired aspect ratio.
Aspect_step	D	Pulse to step through the aspect ratios.
Video_Mute_*	D	Pulse to turn the video mute on and off.
Blanking_*	D	Pulse to select the blanking position.
Blanking_step	D	Pulse to step through the blanking positions.
RGB_sync_*	D	Pulse to select the desired RGB sync mode.
RGB_sync_step	D	Pulse to step through the RGB sync modes.
Patt_*	D	Pulse to turn the focus pattern on and off.
Black_IRE0/IRE7.5	D	Pulse to select the black level for all inputs except for the HDMI input.
Black_Normal/Expand	D	Pulse to select the black level for the HDMI input.
Black_step	D	Pulse to step through the black levels.
Lamp_*	D	Pulse to select the lamp mode.
Iris_*	D	Pulse to select the iris position.
Auto_Pow_Off_*	D	Pulse to select the auto power off mode.
Cinema_*	D	Pulse to select the cinema mode.

Partner: Marantz
Model: VP-12S4
Device Type: DLP Projector



Menu_*	D	Pulse to turn the on-screen menu on and off.
Information_*	D	Pulse to turn the on-screen information window on and off.
Cursor_Up/Down/Right/Left/Enter	D	Pulse to move through the on-screen menus.
Initialize	D	Pulse once at start up to get in sync with the projector. After that the projector will automatically update the Crestron system.
Lamp_Hours_Poll_Enable	D	Hold high to enable polling for lamp life remaining and elapsed time.

FEEDBACK:

To_Device\$	S	Serial signal to be routed to a 2-way serial com port.
Power_*_Fb	D	High to indicate current power status. It will flash when the projector is warming up or cooling down.
Power_status_*_Fb	D	High to indicate the current power status.
Input_*_Fb	D	High to indicate the currently selected input.
Mode_*_Fb	D	High to indicate the currently selected picture mode.
Aspect_*_Fb	D	High to indicate the currently selected aspect ratio.
Video_Mute_*_Fb	D	High to indicate the current video mute status.
Blanking_*_Fb	D	High to indicate the currently selected blanking status.
RGB_sync_*_Fb	D	High to indicate the RGB sync state.
Patt_*_Fb	D	High to indicate the current state of the focus pattern.
Black_*_fb	D	High to indicate the currently selected black level.
Lamp_*_Fb	D	High to indicate the current lamp mode.
Auto_Pow_Off_*_Fb	D	High to indicate the current auto power off status.
Cinema_*_Fb	D	High to indicate the current cinema mode state.
Menu_*_Fb	D	High to indicate the current on-screen menu state.

Partner: Marantz
Model: VP-12S4
Device Type: DLP Projector



Information_*_Fb	D	High to indicate the current state of the on-screen information window.
Lamp_Life_Remaining	A	Analog value indicating the lamp life remaining.
Elapsed_Time	A	Analog value indicating the elapsed time.

TESTING:

OPS USED FOR TESTING:	PRO2: 3.137 CNMSX: 5.14.02x
COMPILER USED FOR TESTING:	2.06.20
SAMPLE PROGRAM:	Marantz VP-12S4 Demo
REVISION HISTORY:	V. 1.0