

Partner: Polycom
Model: Vortex Series Dialer
Device Type: Audio Conference

GENERAL INFORMATION

SIMPLWINDOWS NAME:	CMS Polycom Vortex Dialer
CATEGORY:	Conference
VERSION:	V1.0
SUMMARY:	
GENERAL NOTES:	<p>The module uses real feedback from the Vortex unit for hook status, auto answer status, mute status, privacy status, and firmware version number. They should be updated automatically whenever any parameter changes on the Vortex. If it is desired to update the status any other time, the POLL input could be pulsed. This will request the status of all parameters.</p> <p>In normal use, the phone line will be on hook (hung up). A number will be dialed on the keypad, and it will be displayed in the display field. When DIAL is pressed, the phone line will be taken off hook, and the currently displayed number will be dialed. Any additional digits entered after the phone line is off hook will be sent out immediately, and will not be displayed on the touch panel. This is primarily for voice mail and paging systems. The maximum number of characters that can be entered for the phone number is 64. This is a function of the Vortex, not a Crestron limitation.</p> <p>The Crestron system can be connected to the Vortex in two ways.</p> <ol style="list-style-type: none">1. A direct RS232 connection between a Crestron com port and the com port on the Vortex telephone hybrid.2. A connection between the Crestron system and a Vortex mic mixer. The Vortex telephone hybrid can be connected to the Vortex mic mixer over the Vortex bus allowing the Crestron system to communicate with the Vortex telephone hybrid. <p>Multiple XAP's can be linked together, so each one is assigned an address. You must enter the address of the unit you wish to control using the Device ID parameter field. The ID must be entered as an ASCII character, so if the ID of the XAP is 0 then enter 0 in the parameter, if it is 12 then enter 12.</p>
CRESTRON HARDWARE REQUIRED:	C2-COM
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 9600 Parity: None Data Bits: 8 Stop Bits: 1

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CONTROL:

POLL	D	Used if it is desired to update the state of the Crestron to match the XAP. Updates should happen automatically, so this can usually be defined as 0.
AUTO-ANS-ON/OFF/TOGGLE	D	Turn auto answer on/off
ON/OFF-HOOK	D	Place phone on/off hook (hang up / pickup)
FLASH	D	Momentary interruption to phone line connection
KEYPAD*	D	Pulse to enter standard touch tone digits
KEYPAD-PAUSE	D	Insert a pause in the phone number to be dialed. This will be represented as a comma (,)
KEYPAD-CLEAR	D	Clear the phone number currently displayed
KEYPAD-BACKSPACE	D	Backspace currently displayed number one digit.
DIAL	D	Dial the phone number currently displayed
REDIAL	D	Redials the last number dialed
From_Device\$	S	Serial signal to be routed to a 2-way RS232 port

FEEDBACK:

AUTO-ANS-ON/OFF-FB	D	Real feedback indicating Auto Answer mode
ON/OFF-HOOK-FB	D	Real feedback indicating that phone is on/off hook
PHONE-NUMBER\$	S	Serial data string showing phone number entered
RING	D	One second pulse whenever a ring is detected on the phone line
To_Device\$	S	Serial signal to be routed to a 2-way RS232 port

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TESTING:

OPS USED FOR TESTING:	3.137
SIMPL WINDOWS USED FOR TESTING:	2.07.32
CRES DB USED FOR TESTING:	18.1.5
SYMBOL LIBRARY USED FOR TESTING:	387
SAMPLE PROGRAM:	CMS Polycom Vortex Dialer Demo.smw
REVISION HISTORY:	v1