

SIMPLWINDOWS NAME: VTEL Audio Add-on Controls

CATEGORY: Conferencing

VERSION: None

SUMMARY: Controls telephone on/off hook and dialing

GENERAL NOTES: This module should work with the following VTEL codec models - TC1000, TC2000, LC3000, LC3200, LC5000. They should have ESA Version 2.0 or later software loaded. All testing at Crestron was performed using a LC3000 with ESA Version 2.0 loaded.

The Crestron control system uses the port that would normally be used by the VTEL tablet.

In a dual monitor system, video output 1 will show the near end video being sent, and allow previewing of the PC and PEN-PAL. Video outputs 2 and 3 will show the far end video, and the PIP (if turned on) will show the video currently being sent to the far end.

In a single monitor system, video output 1 will show the far end video, and allow previewing of the PC and the PEN-PAL. The PIP, if turned on, will show the video currently being sent to the far end.

This module allows audio calls to be placed and received. It is generally used as follows:

1. Type in the telephone number desired. It will be displayed at the NUMBER\$ output.
2. Press AUDIO-PKUP+DIAL. The phone will be taken off hook, and the number will be dialed.
3. After dialing, if any numeric keys are pressed, they will be dialed immediately. This is useful for navigating through voice-mail systems.

The phone could also be manually taken off hook using the AUDIO-PKUP input, and the digits could be dialed one at a time.

The flash function will briefly hang-up and pick up the phone. The delay between these functions is specified using the AUDIO-FLASH-TIME parameter.

CRESTRON HARDWARE REQUIRED: ST-COM, CNXCOM

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

VENDOR FIRMWARE: ESA Version 2.0 or later

VENDOR SETUP: Command touch must be loaded. This is done as follows:

1. Choose the Set Configuration Menu under the Show Tools Toolbar.
2. Choose Launch Advanced Configuration Program.
3. Scroll the menu bar over, and select Pointing Devices.
4. Select the VTEL Command Touch box
5. Select No Tablet
6. Choose Finish. You will be prompted to reboot the codec.

CABLE NUMBER: CNSP-124

CONTROL:

AUDIO-KEY-0-9,*,#	D	Standard telephone keypad. If used while phone is on hook, the numbers will be displayed at the NUMBER\$ output. Otherwise, the numbers will be dialed immediately
AUDIO-KEY-BACK	D	Backspace the number in NUMBER\$ by one digit
AUDIO-KEY-CLEAR	D	Clear the number currently displayed in NUMBER\$
AUDIO-PKUP+DIAL	D	Pickup the phone line, and dial the number currently displayed in NUMBER\$
AUDIO-PKUP	D	Take the phone line off hook
AUDIO-HANG-UP	D	Hang up the phone line
AUDIO-FLASH	D	Flash the phone line for the time specified by AUDIO-FLASH-TIME
DIGITS	P	Number of digits to allow for a phone number to be displayed in NUMBER\$. For 12 digits, enter 12d
AUDIO-FLASH-TIME	P	Delay time between hanging up and picking up the phone for the flash function. For .3 seconds, enter .3s

FEEDBACK:

NUMBER\$	S	Serial data string containing the telephone number entered. Should be routed to the serial portion of a touchpanel definition
ON-HOOK-FB	D	Feedback indicating that the telephone is on hook (hung up)
OFF-HOOK-FB	D	Feedback indicating that the telephone is off hook
DIALING	D	This signal will be high while the phone is being dialed.
VTEL-TX\$	S	Serial data string to be routed to a 2-way RS232 port

OPS USED FOR TESTING:	3.18.06, 5.01.29x
COMPILER USED FOR TESTING:	SimplWindows Version 1.21.00
SAMPLE PROGRAM:	VTELTSTA
REVISION HISTORY:	None