

SIMPLWINDOWS NAME: Polycom (PictureTel) iPower Audio Dialing

CATEGORY: Conferencing

VERSION: 1.0

SUMMARY: Allows audio calls to be placed/answered

GENERAL NOTES: This module is for control of the Polycom iPower system.

This module allows a telephone call to be placed. Using the keypad (0-9, *, #) when the phone is on hook (hung up) will cause the digits to be displayed at the PHONE-NUMBER\$ output. When DIAL is pressed, the phone will be taken off hook, and the number displayed will sent to the Polycom. After the phone is off hook, any additional digits entered will be sent directly to the Polycom. This is primarily for navigating thru voicemail systems, although this was not tested at Crestron.

This module is compatible with e-Dial.

CRESTRON HARDWARE: CNXENET+
CNMSX
CNXCOM
ST-COM

SETUP OF CRESTRON HARDWARE: Baud Rate - 9600
Parity - Odd
Data Bits - 8
Stop Bits - 1

VENDOR FIRMWARE: iPower 900 Series - 4.0.2.520
iPower 9000 Series - 4.2.0.1009

VENDOR SETUP: The Polycom iPower Series has two com ports on it. YOU MUST USE COM PORT 1.

Also, you must enable external control as follows:

1. Using the Start Menu, select Programs > Polycom iPower > Administrator Information > Admin Tools
2. Select "Utilities" from the Category list
3. Select the Custom Control tab
4. Check the box to enable control from an external control system
5. Press OK, and restart the Collaboration software

CABLE NUMBER: CNSP-124

CONTROL:

OFF_HOOK	D	Pulse to take the telephone off hook, or answer phone
ON_HOOK	D	Pulse to put the telephone on hook, or hang up phone
KEYPAD_0-9,*,#	D	Pulse to enter a phone number to be dialed
KEYPAD_CLEAR	D	Pulse to clear the number entered
KEYPAD_BACKSPACE	D	Pulse to erase the last digit entered
DIAL	D	Pulse to take the telephone off hook, and dial the number currently entered
From_Device\$	S	Serial signal to be routed from the Polycom system.

FEEDBACK:

OFF_HOOK_FB	D	Indicates that the telephone is currently off hook
ON_HOOK_FB	D	Indicates that the telephone is currently on hook
PHONE_NUMBERS\$	S	Serial signal containing the phone number being entered. Should be routed to the serial portion of a touch panel definition
Incoming_Call	D	Will pulse high for 1 second when an incoming audio call is detected.
Call_Connected	D	Will pulse high for 1 second when an audio call connects.
Call_Disconnected	D	Will pulse high for 1 second when an audio call disconnects.
To_Device\$	S	Serial signal to be routed to the Polycom system

OPS USED FOR TESTING: v3.029.cuz
5.12.63x.upz

COMPILER USED FOR TESTING: SimplWindows Ver 2.03.18

SAMPLE PROGRAM: Polycom iPower Demo

REVISION HISTORY: None