

**SIMPLWINDOWS NAME:** Polycom (PictureTel) iPower Miscellaneous Controls

**CATEGORY:** Conferencing

**VERSION:** 1.0

**SUMMARY:** Provides control of the volume, privacy, acp, full screen and info window(help).

**GENERAL NOTES:** This module is used for general control of the Polycom iPower codecs. It provides true feedback for volume level and privacy, and full screen mode.

**CRESTRON HARDWARE:** CNXCOM-2  
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 system has 2 DB-9 serial ports. YOU MUST USE PORT 1 TO COMMUNICATE FROM CRESTRON TO POLYCOM.

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:

<b>PIP-TOG</b>	D	Toggles the picture_in_picture feature
<b>PIP-ON</b>	D	Turns the picture in picture feature ON
<b>PIP-OFF</b>	D	Turns the picture in picture feature OFF
<b>VOLUME-UP</b>	D	Increases the volume
<b>VOLUME-DOWN</b>	D	Decreases the volume
<b>SYSTEM-MUTE-ON</b>	D	Turns audio on the system off
<b>SYSTEM_MUTE_OFF</b>	D	Turns audio on the system on
<b>PRIVACY-ON</b>	D	Mutes the local microphones
<b>PRIVACY-OFF</b>	D	Unmutes the local microphones
<b>PRIVACY-TOG</b>	D	Toggles the mute state of the local microphones
<b>AUTO-CAM-POINT-ON</b>	D	Turns auto camera point on
<b>AUTO-CAM-POINT-OFF</b>	D	Turns auto camera point off
<b>AUTO-CAM-POINT-TOG</b>	D	Toggles the state of the auto camera point
<b>FULL-SCREEN-TOG</b>	D	Toggles the full screen mode on/off
<b>INFO-WINDOW-TOG</b>	D	Toggles the info window(help) on/off
<b>To_Device\$</b>	S	Serial string to be routed from a 2-way RS232 port

## FEEDBACK:

<b>PRIVACY-ON/OFF-FB</b>	D	True feedback of the privacy state
<b>VOLUME-LEVEL</b>	A	True feedback of the volume level to be routed to an analog bar
<b>Full_Screen_On_Fb</b>	D	True feedback indicating if full screen mode is on
<b>From_Device\$</b>	S	Serial data string to be routed to a 2-way RS232 port

**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

2/11/2002 -- version 3.0 completed testing with version 3.0 of the PTEL iPower protocol.

**REVISION HISTORY:** 7/8/2002 -- version 4.0 completed testing with version 4.0 of the PTEL iPower protocol, and added Virtual Serial symbol

3/13/2003 -- Tested with iPower 9000 system. Added full screen mode feedback Renamed modules to "iPower" series