

**SIMPLWINDOWS NAME:** Pioneer PDP-503CMX

**CATEGORY:** TV/Video Projector

**VERSION:** 1.0

**SUMMARY:** Control Power/source select/display mode/volume/video mute

**GENERAL NOTES:** This module will control the following Pioneer models:

- PDP-503CMX/PDP-503MXE
- PDP-433CMX/PDP-433MXE
- PRO-1000HD

It will control all standard functions, not including picture adjustments. It will also provide true feedback of power status, inputs and screen sizes. It polls every second for 5 seconds after a command is sent. After that, it polls on it's own every 10 seconds.

NOTE: For feedback to work properly, the projector must be given an address. For testing at Crestron, the Pioneer unit was assigned an address of 2. The Address parameter field must have the address entered as a 2 digit number with no suffix. So for an address of 2, enter 02.

NOTE: Please note that the device needs a wait time of 6 seconds between power on and power off commands and a wait time of 3 seconds between input selections.

NOTE: If the device is in auto input mode then selecting inputs using this module will NOT work.

**CRESTRON HARDWARE REQUIRED:** CNCOMH-2  
CNXCOM-2  
ST-COM

**SETUP OF CRESTRON HARDWARE:** Baud Rate - 4800  
Parity - None  
Data Bits - 8  
Stop Bits - 1

**VENDOR FIRMWARE:** None

**VENDOR SETUP:** The projector must be given an address for feedback to work properly.

**CABLE NUMBER:** CNSP-123

## CONTROL:

<b>power_on</b>	D	Turn power on.
<b>power_off</b>	D	Turn power off.
<b>input_1-5</b>	D	Activate any of the five available input selections.
<b>screen_4/3-&gt;wide</b>	D	Activate any of the five available display modes.
<b>video_mute_on</b>	D	Turn on video mute.
<b>video_mute_off</b>	D	Turn off video mute.
<b>audio_mute_on</b>	D	Turn on audio mute.
<b>audio_mute_off</b>	D	Turn off audio mute.
<b>audio_vol_up</b>	D	Turn audio volume up

<b>audio_vol_down</b>	D	Turn audio volume down.
<b>from_device\$</b>	S	Serial data signal coming from a 2-way RS232 port.

### **FEEDBACK:**

<b>power_on_fb</b>	D	Turn power on.
<b>power_off_fb</b>	D	Turn power off.
<b>input_1-5_fb</b>	D	Feedback indicating any of the five available input selections.
<b>screen_4/3-&gt;wide_fb</b>	D	Feedback indicating any of the five available display modes.
<b>to_device\$</b>	S	Serial data signal to be routed to a 2-way RS232 port.

<b>.UPZ FILE USED FOR TESTING:</b>	v2.004.cuz
<b>COMPILER USED FOR TESTING:</b>	SimplWindows Ver 2.02.10
<b>SAMPLE PROGRAM:</b>	Pioneer PDP-503CMX Demo
<b>REVISION HISTORY:</b>	None