

## **Hushbutton PCI AMX Module**

Communication with the PCI takes place via a virtual device using channel events and send commands.

The device, ip address and virtual device must be passed to the module.

### **Commands via virtual device channels**

Virtual device channel 101 is used to open and close the TCP/IP connection.

[vdvPCI1,101]       //Turn On to open TCP/IP connection. Turn off to close the connection.

Virtual device channel 255 is used to enable debug messages.

[vdvPCI1,255]       //Turn On for Debug Messages

### **Virtual device Send Commands**

The format for send commands is as follows:

Channel=x, LED=y

Valid values for *x* are 1 through 8 and All.

Valid values for *y* are Red, Green, Off, Toggle and Poll

```
SEND_COMMAND vdvPCI1,'Channel=1, LED=Red'
SEND_COMMAND vdvPCI1,'Channel=All, LED=Red'
SEND_COMMAND vdvPCI1,'Channel=1, LED=Green'
SEND_COMMAND vdvPCI1,'Channel=1, LED=Off'
SEND_COMMAND vdvPCI1,'Channel=1, LED=Toggle'
SEND_COMMAND vdvPCI1,'Channel=1, LED=Poll'
```

### **Passthru**

Using the PASSTHRU command will send everything following the '=' to the PCI with no extra formatting.

```
SEND_COMMAND vdvPCI1,'PASSTHRU=Command To Be Sent'
```

### **Feedback via virtual device channels**

Feedback from the PCI is communicated through the use of virtual device channels.

Channels 1 through 8 indicate the corresponding LED channel 1 through 8 is Red.

```
[vdvPCI1,1] = 1       // Channel1_Red_Is_On
[vdvPCI1,2] = 1       // Channel2_Red_Is_On
[vdvPCI1,3] = 1       // Channel3_Red_Is_On
[vdvPCI1,4] = 1       // Channel4_Red_Is_On
[vdvPCI1,5] = 1       // Channel5_Red_Is_On
[vdvPCI1,6] = 1       // Channel6_Red_Is_On
[vdvPCI1,7] = 1       // Channel7_Red_Is_On
[vdvPCI1,8] = 1       // Channel8_Red_Is_On
```

Channels 11 through 18 indicate the corresponding LED channel 1 through 8 is Green.

```
[vdvPCI1,11] = 1    // Channel1_Green_Is_On  
[vdvPCI1,12] = 1    // Channel2_Green_Is_On  
[vdvPCI1,13] = 1    // Channel3_Green_Is_On  
[vdvPCI1,14] = 1    // Channel4_Green_Is_On  
[vdvPCI1,15] = 1    // Channel5_Green_Is_On  
[vdvPCI1,16] = 1    // Channel6_Green_Is_On  
[vdvPCI1,17] = 1    // Channel7_Green_Is_On  
[vdvPCI1,18] = 1    // Channel8_Green_Is_On
```

Channels 21 through 28 indicate the corresponding Ring channel 1 through 8 is pressed.

```
[vdvPCI1,21] = 1    // Channel1_Ring_Is_Pressed  
[vdvPCI1,22] = 1    // Channel2_Ring_Is_Pressed  
[vdvPCI1,23] = 1    // Channel3_Ring_Is_Pressed  
[vdvPCI1,24] = 1    // Channel4_Ring_Is_Pressed  
[vdvPCI1,25] = 1    // Channel5_Ring_Is_Pressed  
[vdvPCI1,26] = 1    // Channel6_Ring_Is_Pressed  
[vdvPCI1,27] = 1    // Channel7_Ring_Is_Pressed  
[vdvPCI1,28] = 1    // Channel8_Ring_Is_Pressed
```

Channels 31 through 38 indicate the corresponding PCM Board Relay channel 1 through 8 is closed.

```
[vdvPCI1,31] = 1    // Channel1_Relay_Is_On  
[vdvPCI1,32] = 1    // Channel2_Relay_Is_On  
[vdvPCI1,33] = 1    // Channel3_Relay_Is_On  
[vdvPCI1,34] = 1    // Channel4_Relay_Is_On  
[vdvPCI1,35] = 1    // Channel5_Relay_Is_On  
[vdvPCI1,36] = 1    // Channel6_Relay_Is_On  
[vdvPCI1,37] = 1    // Channel7_Relay_Is_On  
[vdvPCI1,38] = 1    // Channel8_Relay_Is_On
```