

**SIMPLWINDOWS NAME:** xiva Infra-Red Emulation

**CATEGORY:** TRANSPORT DECKS

**VERSION:** 1.0

**SUMMARY:** Emulates the functions available on the xiva Infra-Red remote control

**GENERAL NOTES:** xiva is a communications protocol which is utilized by multiple manufacturers. Since these different manufacturers use the same communications protocol, this single set of Crestron control modules can be used to control multiple devices made by multiple manufacturers. If the device indicates it is "powered by xiva", then you can probably use this set of modules to control it.

This module allows you to directly emulate the controls available on the xiva Infra-Red remote control for up to three zones. Controls are available for each zone individually, or to control all zones simultaneously.

Several xiva systems can be controlled either using RS232 control, or using TCP/IP control. Up to sixteen zones can be controlled through a single RS232 port, or a single TCP/IP Client. Due to the large amount of data being transferred, you must enable RTS/CTS handshaking when using RS232 control. If using TCP/IP control, use port number 6789d. You will need to establish the TCP/IP connection before any control will be possible. See the demo program for an example of the TCP/IP application.

**CRESTRON HARDWARE REQUIRED:** CNXCOM  
ST-COM  
CNXENET+

**SETUP OF CRESTRON HARDWARE:** **For RS232:**  
Baud Rate - 38400  
Parity - Even  
Data Bits - 7  
Stop Bits - 1  
RTS/CTS handshaking must be enabled

**For ethernet communications:**  
Must have a CNXENET+ card  
Use the TCP/IP Client  
Use port # 6789d

**VENDOR FIRMWARE:** xiva-Link Version 1.04

**VENDOR SETUP:** None

**CABLE NUMBER:** CNSP-532

## CONTROL:

All inputs directly emulate the functions available on the infra-red remote control

## FEEDBACK:

**xiva-TX\$**                    S                    Serial data signal to be routed to a 2-way RS232 port

**OPS USED FOR TESTING:** v3.029.cuz

**COMPILER USED FOR TESTING:** SimplWindows Ver 2.03.18

**SAMPLE PROGRAM:** xiva Demo Program Version 4

**REVISION HISTORY:** None