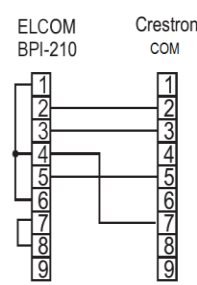


Partner: Elcom
Model: BPI-210
Device Type: Intercom System



GENERAL INFORMATION:

SIMPLWINDOWS NAME:	Elcom BPI-210 v1.0 Intern.umc
CATEGORY:	Intercom System
VERSION:	v1.0
SUMMARY:	Crestron is connected to an Elcom Intercom System through a RS232 connection. The software module allows starting a call and answering calls from an Internal Station.
GENERAL NOTES:	<p>Crestron is connected to an Elcom Intercom System through a RS232 connection. The software module allows starting a call and answering calls from an Internal Station.</p> <p>The BPI-210 needs to be configured to use the V20 protocol.</p> <p>The module allows starting/stopping a video/audio connection. Watch door cameras, unlock door and switch the door lights.</p> <p>Note: This module is not SystemBuilder compatible.</p>
CRESTRON HARDWARE REQUIRED:	Pro2 processor for controlling. Touch panel with video and audio inputs.
SETUP OF CRESTRON HARDWARE:	<p>RS232</p> <p>Baud: 2400</p> <p>Parity: N</p> <p>Data Bits: 8</p> <p>Stop Bits: 1</p>
VENDOR FIRMWARE:	Protocol V20
VENDOR SETUP:	Elcom COM port connected to the Crestron Pro2 processor. On the Elcom network are 2 door stations and 1 internal station connected.
CABLE DIAGRAM:	<p>RS-232 Kabelbelegung für Crestron MP2</p> <p>The Crestron MP2 does not provide the necessary +5-12 V at pin 4 of the RS232 interface. For this reason the wiring of the interface must be adapted accordingly.</p> 

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CONTROL:

Accept Call	D	Pulse to accept an incoming door call.
End Call	D	Pulse to end the current call.
Internal Call To This Unit	D	Pulse to manually start an internal call to this unit.
From Elcom Device	S	Needs to be connected to the RX output of the COM port connected to the Elcom unit.

FEEDBACK:

Outgoing Call Is Active	D	High to indicate that an outgoing internal call is active.
Pulse Connection Is Closed	D	Pulses high to indicate that the connection is closed.
Incoming InternalCall Destination X	D	High to indicate that an incoming internal call to destination X is active.
To Elcom Device	S	Needs to be connected to the TX input of the COM port connected to the Elcom unit.

PARAMETERS:

Line Address	S	Serial value containing the Line Address number (0-F)
Door Address	S	Serial value containing the Door Address number (0-F).

TESTING:

OPS USED FOR TESTING:	PRO2 4.001.1012 (Feb 17 2009)
SIMPL WINDOWS USED FOR TESTING:	2.12.44
CRESTRON DB USED FOR TESTING:	22.01.009.01
DEVICE DB USED FOR TESTING:	30.00.011.00
SAMPLE PROGRAM:	Elcom BPI-210 v1.0 PRO2 DEMO.smw
REVISION HISTORY:	v1.0