



Manual Type 6.0.0.10-RF
VIO2 Intercom

For Models _____

413-VIO2	414-VIO2
420-VIO2	421-VIO2
423-VIO2	

Specifications	
Communication For use with SIP enabled VoIP intercom systems	Access Control NO and NC contact outputs

**INSTALLATION
INSTRUCTIONS**

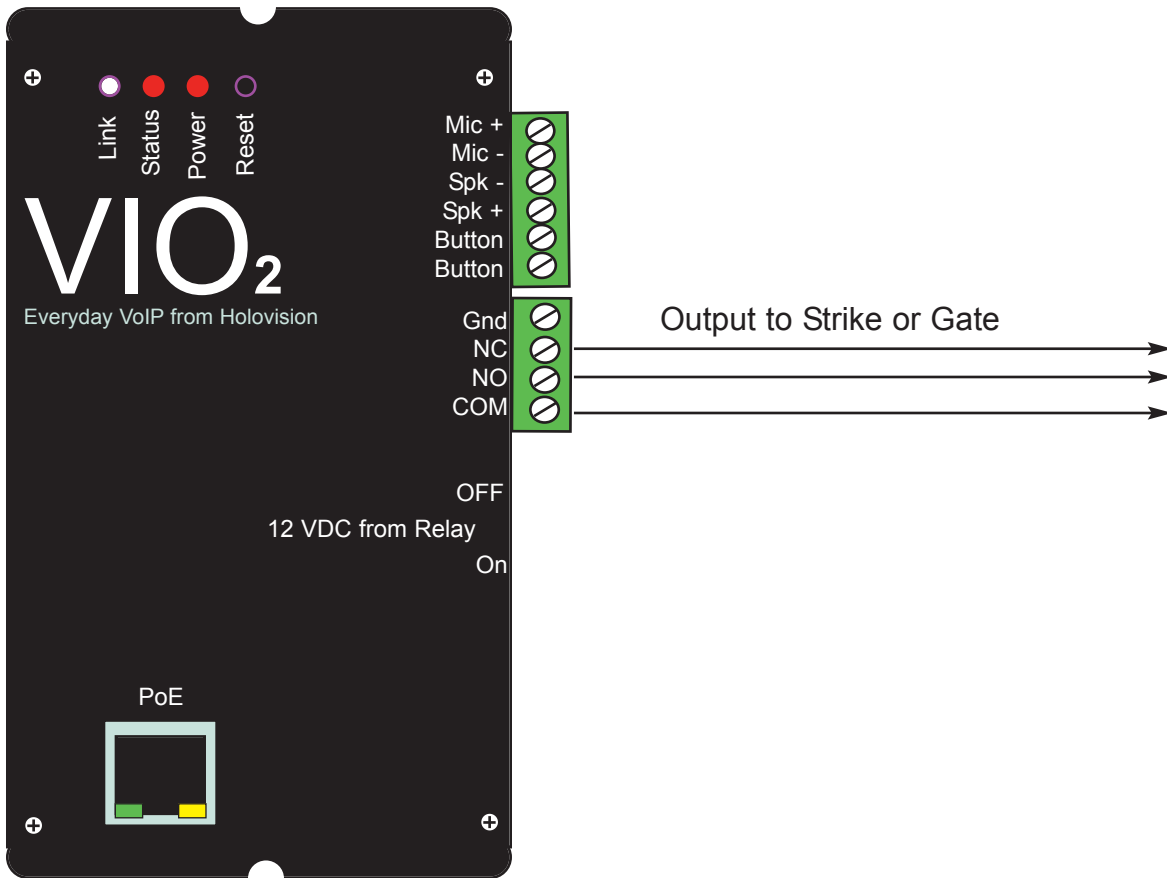
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HOLOVISION

VIO2 Intercom Wiring



VIO RAVA Quick Start

1. Plug the device into the network. Device will speak it's IP address.
2. Navigate to device IP on a web browser.
3. Under "Configuration" please enter SIP ID for the name to be displayed, and enter the extension of the Main RAVA Touchscreen under "Input Call ID 0 Default is **CALL:CRESTRON**"

HOME	PROFILES	CONFIGURATION	STATUS	DEFAULTS
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RAVA-SIP™ CLIENT V2.12D(08 Apr 2013)

SIP Door Station

BASIC SETTINGS

Basic Settings
Advanced Settings

Apply Cancel

SIP PROTOCOL SETTINGS

Peer to Peer No Yes

SIP ID (username)

OUTBOUND CALL SETTINGS

Call on Device Inputs

Input 0 Call ID

***Note out of the box the "CALL:CRESTRON" default will ring all touchpanels in the CRESTRON call group.**

4. Configure the Audio settings. **Note:RAVA Operation has been designated to "Push to Talk" (PTT) from Crestron and only this operation will be supported.** Although full duplex and half duplex are an option, these settings do not perform best in all scenarios. As a recommendation you can experiment for the best audio settings.

AUDIO SETTING BELOW ARE ONLY A RECOMMENDATION

HOME	PROFILES	CONFIGURATION	STATUS	DEFAULTS	UPDA
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RAVA-SIP™ CLIENT V2.12D(08 Apr 2013)

SIP Door Station

AUDIO SETTINGS

Basic Settings
Advanced Settings
Network
SIP Protocol
Outbound Calls
Inbound Calls
Audio
Control Interfaces
Security

Apply Cancel

Input Source Line Mic

Encoding ▾

Volume %

Microphone Gain dB

A/D Amplifier Gain dB

Acoustic Echo Cancellation Off On

Talk Mode FDX HDX

Output Trigger Level

Trigger Level Timeout ms

5. Configure the relay setting under “Inbound Calls”. Configure the powered relay and the dry contact closure. Choose any 2 to 4 digit combination

Note; By configuring the request to exit feature you can configure for either relay.

6. Once the device has been configured you can initiate the call by pressing the button

SIP Door Station

Basic Settings
Advanced Settings
Network
SIP Protocol
Outbound Calls
Inbound Calls
Audio
Security

Apply Cancel

INBOUND CALLS

Input Buffer Level	100	ms
Stream Timeout	0	minutes
Beep on Call Answer	<input checked="" type="radio"/> Off <input type="radio"/> On	
<i>Power Door Relay Control</i>		
Door Open Code	11	
Open Door Relay for	5	seconds
Relay Number to Enable at Call Answer	disabled	
<i>Switched Door Relay Control</i>		
Door Open Code	B&ALL	
Open Door Relay for	1	seconds
Relay Number to Enable at Call Answer	disabled	
Request To Exit Call ID 2	-----	

VIO(sip) QUICK START

1. Plug the device into network. Device will speak its IP.
2. Navigate to device IP on web browser.
3. Under Configuration please enter the required SIP settings

HOME	CONFIGURATION	STATUS	DETAILS	EXPORT	IMPORT
SIP CLIENT					
SIP Client Status					
<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>Basic Settings</p> <p>Advanced Settings</p> <p>Apply Cancel</p> </div> <div style="width: 80%;"> <p>SIP SETTINGS</p> <p>SIP PROTOCOL SETTINGS</p> <p>Use SIP Proxy <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes</p> <p>SIP Server (PDR) <input type="text" value="192.168.1.104"/></p> <p>SIP ID (username) <input type="text" value="VIO Front Door"/></p> <p>SIP Password (secret) <input type="password" value="*****"/></p> <p>SIP Display Name <input type="text" value="VIO Front Door"/></p> <p>OUTBOUND CALL SETTINGS</p> <p>Call on Device Input</p> <p>Input 0 Call ID <input type="text" value="100"/></p> <p>Input 1 Call ID <input type="text"/></p> <p>Input 2 Call ID <input type="text"/></p> <p>MINIMUM CALLS</p> <p>Phone pickup mode <input type="text" value="Automatic"/></p> <p>Call hang up time <input type="text" value="30"/> seconds</p> </div> </div>					

4. Configure the audio settings.. Although full duplex and half duplex are an option, these settings do not perform best in all scenarios . As a recommendation you can experiment for the best audio settings . **AUDIO SETTINGS BELOW ARE ONLY A RECOMENDATION**

HOME	CONFIGURATION	STATUS	DETAILS	EXPORT	IMPORT
SIP CLIENT					
SIP Client Status					
<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>Basic Settings</p> <p>Advanced Settings</p> <p>Network</p> <p>SIP Protocol</p> <p>Outbound Calls</p> <p>Inbound Calls</p> <p>Audio</p> <p>Security</p> <p>Apply Cancel</p> </div> <div style="width: 80%;"> <p>AUDIO SETTINGS</p> <p>Encoding <input type="text" value="G.711 (U.711)"/> <input type="button" value="v"/></p> <p>Volume <input type="text" value="50"/> %</p> <p>Microlinear Gain <input type="text" value="25"/> dB</p> <p>AD Amplifier Gain <input type="text" value="7"/> dB</p> <p>Acoustic Echo Cancellation <input type="radio"/> Off <input checked="" type="radio"/> On</p> <p>Talk Mode <input type="radio"/> ITT <input checked="" type="radio"/> HDT</p> <p>Output Trigger Level <input type="text" value="1000"/></p> <p>Trigger Level Timeout <input type="text" value="500"/> ms</p> <p>AlPhone Support <input type="radio"/> Yes <input checked="" type="radio"/> No</p> </div> </div>					

- Configure the relay settings under inbound calls. Configure the powered relay and also the dry contact closure; chose any 2 to 4 digit code.
Note: By configuring the request to exit feature, You can trigger either relay 1 or 2 by doing so.
- Once the device has been configured you can initiate the call by pressing on the button.

SIP Door Station

- Basic Settings
- Advanced Settings
- Network
- SIP Protocol
- Outbound Calls
- Inbound Calls**
- Audio
- Security

Apply Cancel

INBOUND CALLS

Input Buffer Level	<input type="text" value="100"/>	ms
Stream Timeout	<input type="text" value="0"/>	minutes
Keep on Call Answer	<input checked="" type="radio"/> Off <input type="radio"/> On	
<i>Power Door Relay Control</i>		
Door Open Code	<input type="text" value="11"/>	
Open Door Relay for	<input type="text" value="5"/>	seconds
Relay Number to Enable at Call Answer	disabled	
<i>Switched Door Relay Control</i>		
Door Open Code	<input type="text" value="22"/>	
Open Door Relay for	<input type="text" value="1"/>	seconds
Relay Number to Enable at Call Answer	disabled	
Request To Exit Call ID ?	<input type="text"/>	