



### HOOKUP & INSTALLATION

#### 1. Mount the button device.

- Use the device to mark the installation location.
- Choose the best location and orientation to make the push button easy to access by the user, as well as to connect the network cable.
- Secure device using mounting hardware appropriate for the chosen installation surface.

#### 2. Connect to the network.

- Connect a network cable (CAT 5 or better) to the RJ-45 port (PoE/PoE+).
- Connect the other end of the network cable to an LPS (Limited Power Source) PoE (Power over Ethernet) network switch or PoE injector on a network with a DHCP server.
- The AND support site lists equipment options: [www.anetdsupport.com/peripherals](http://www.anetdsupport.com/peripherals).

### ACCESS & CONFIGURATION

#### 3. Access the device one of these ways:

- Enter the IP address assigned by the DHCP server in your browser.
- Enter the IPv6 link-local address in your browser, formatted as ***http://[fe80::2246:f9ff:feXX:XXXX]*** (XX:XXXX = the last 6 digits of the MAC address).
- Double-click on the device in the IPClockWise Endpoints list to open the web server interface.
- For third-party software application, consult guide for access method (often uses configuration file).

#### 4. Configure the button.

- Setup the button to trigger notifications, alerts, or any other signal.
- See next page for basic configuration options.
- Consult the IPClockWise User Manual (see [www.anetdsupport.com/documents](http://www.anetdsupport.com/documents)) or third-party software guide for further instructions.
- Test the button before putting it into service.

## CONFIGURATION OPTIONS

### Default Settings

The device comes with the following default settings:

<b>SIP Mode</b>	"Button"
<b>Push-to-Talk 1 Trigger Only</b>	"Yes"

### Configuration File Setup

If using a configuration file, the SIPConfig tag must include:

```
<SIPConfig
  SIP_mode="button"
  push_to_talk_ip1_trigger_mode="1"
/>
```

BUTTON FUNCTION	WEB SERVER SETTINGS	CONFIGURATION FILE SETTINGS
<p><b>Registered SIP Call</b></p> <p>Register the Smart IP Button device to an SIP server to call an SIP phone or ring a group.</p>	<ul style="list-style-type: none"> <li>Go to <b>Device Settings</b> → <b>SIP</b>.</li> <li>Under <b>SIP GPIO Input Action Settings</b>, set <b>Push-to-Talk 1</b> to the SIP extension the button should call.</li> <li>Select <b>Save and Apply</b> to save changes.</li> </ul>	<p>Add the following parameter to the SIPConfig tag (values included for example):</p> <pre>&lt;SIPConfig   push_to_talk_ip1="301" /&gt;</pre>
<p><b>Direct SIP Call</b></p> <p>Call a SIP phone directly without registration to a SIP server.</p>	<ul style="list-style-type: none"> <li>Go to <b>Device Settings</b> → <b>SIP</b>.</li> <li>Under <b>SIP GPIO Input Action Settings</b>, set <b>Push-to-Talk 1</b> to the SIP extension as follows: sip:extension@server_ip_address</li> <li>Select <b>Save and Apply</b> to save changes.</li> </ul>	<p>Add the following parameter to the SIPConfig tag (values included for example):</p> <pre>&lt;SIPConfig   push_to_talk_ip1="sip:301@10.10.7.168" /&gt;</pre>
<p><b>Push and Hold SIP Call</b></p> <p>In addition to the Push-to-Talk call, configure a second action (registered or direct SIP call) to dial a different SIP extension when holding the button for a specified time or longer.</p>	<ul style="list-style-type: none"> <li>Go to <b>Device Settings</b> → <b>SIP</b>.</li> <li>Under <b>SIP GPIO Input Action Settings</b>, set <b>Push-to-Talk 1 Alternate</b> to the SIP extension the button should call when held for the desired duration.</li> <li>Set <b>Push-to-Talk 1 Alternate Hold Time</b> to the desired duration (in milliseconds) to hold the button to trigger the call.</li> <li>Select <b>Save and Apply</b> to save changes.</li> </ul>	<p>Add the following parameter to the SIPConfig tag (values included for example):</p> <pre>&lt;SIPConfig   push_to_talk_ip1_alt="301"   push_to_talk_ip1_alt_ms="2000" /&gt;</pre>
<p><b>HTTP Callback</b></p> <p>Send an HTTP GET to IPClockWise or a third-party software solution.</p>	<ul style="list-style-type: none"> <li>Go to <b>Device Settings</b> → <b>Servers</b></li> <li>Set <b>GPIO Callback URL</b> to the HTTP string to send.</li> <li>Select <b>Save and Apply</b> to save changes.</li> </ul> <p>See the IPClockWise manual to configure an alert to trigger on this callback.</p>	<p>Add the following parameter to the GPIO_callback tag (value included for example):</p> <pre>&lt;GPIO_callback   url="http://10.10.7.168:8089/" /&gt;</pre>

## TROUBLESHOOTING AND ADDITIONAL RESOURCES

SIP Configuration Help:	<a href="http://www.ipspeaker.com/support30/help/settings.html#sip">http://www.ipspeaker.com/support30/help/settings.html#sip</a>
Complete Support Site with User Guides and Help:	<a href="http://www.anetdsupport.com/">http://www.anetdsupport.com/</a>
Customer Feedback Survey:	<a href="http://www.anetdsupport.com/survey">http://www.anetdsupport.com/survey</a>
Product Registration:	<a href="http://www.anetdsupport.com/register">http://www.anetdsupport.com/register</a>
AND Limited Warranty:	<a href="http://www.anetd.com/warranty">http://www.anetd.com/warranty</a>
AND Legal Disclaimer:	<a href="http://www.anetd.com/legal">http://www.anetd.com/legal</a>