



Outdoor Auxiliary RGB (Multi-Color) Strobe Kit Operations Guide

Part #011490
Document Part #931659C

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Outdoor Auxiliary RGB (Multi-Color) Strobe Kit Operations Guide 931659C
Part # 011490

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Technical Support

The fastest way to get technical support for your VoIP product is to submit a VoIP Technical Support form at the following website:
<http://support.cyberdata.net/>

Phone: (831) 373-2601, Ext. 333

Email: support@cyberdata.net

Fax: (831) 373-4193

Company and product information is at www.cyberdata.net.

Revision Information

Revision 931659C was released on November 5, 2020, and has the following changes:

- Updates [Figure 1-1, "Model Number Label"](#).
- Updates [Table 1-1, "Specifications"](#).
- Updates [Table 2-2, "Parts List"](#).
- Updates [Figure 2-4, "Connecting an Auxiliary Outdoor RGB Strobe to the Outdoor Intercom or Outdoor Call Button"](#).
- Updates [Figure A-1, "Conduit Wall Mounting \(Outdoor Intercom or Outdoor Call Button\)"](#).
- Updates [Figure A-2, "Dimensions and Rear View with Mounting Holes"](#).

Browsers Supported

The following browsers have been tested against firmware version 20.0.0:

- Microsoft Edge: 83.0.478.5.4
- Chrome: 83.0.4103.106
- Firefox: 77.0.1

Pictorial Alert Icons

	<p>General Alert</p> <p>This pictorial alert indicates a potentially hazardous situation. This alert will be followed by a hazard level heading and more specific information about the hazard.</p>
	<p>Ground</p> <p>This pictorial alert indicates the Earth grounding connection point.</p>

Hazard Levels

Danger: Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury. This is limited to the most extreme situations.

Warning: Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

Caution: Indicates a potentially hazardous situation which, if not avoided, could result in minor or moderate injury. It may also alert users against unsafe practices.

Notice: Indicates a statement of company policy (that is, a safety policy or protection of property).

The safety guidelines for the equipment in this manual do not purport to address all the safety issues of the equipment. It is the responsibility of the user to establish appropriate safety, ergonomic, and health practices and determine the applicability of regulatory limitations prior to use. Potential safety hazards are identified in this manual through the use of words Danger, Warning, and Caution, the specific hazard type, and pictorial alert icons.

Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
13. Prior to installation, consult local building and electrical code requirements.
- 14. WARNING: The Outdoor Auxiliary RGB (Multi-Color) Strobe Kit enclosure is not rated for any AC voltages!**

 <p>GENERAL ALERT</p>	<p>Warning</p> <p><i>Electrical Hazard:</i> This product should be installed by a licensed electrician according to all local electrical and building codes.</p>
 <p>GENERAL ALERT</p>	<p>Warning</p> <p><i>Electrical Hazard:</i> To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instructions.</p>
 <p>GENERAL ALERT</p>	<p>Warning</p> <p>The PoE connector is intended for intra-building connections only and does not route to the outside plant.</p>

Abbreviations and Terms

Abbreviation or Term	Definition
A-law	A standard companding algorithm, used in European digital communications systems to optimize, i.e., modify, the dynamic range of an analog signal for digitizing.
AVP	Audio Video Profile
Cat 5	TIA/EIA-568-B Category 5
DHCP	Dynamic Host Configuration Protocol
LAN	Local Area Network
LED	Light Emitting Diode
Mbps	Megabits per Second.
NTP	Network Time Protocol
PBX	Private Branch Exchange
PoE	Power over Ethernet (as per IEEE 802.3af standard)
RTFM	Reset Test Function Management
SIP	Session Initiated Protocol
u-law	A companding algorithm, primarily used in the digital telecommunication
UC	Unified Communications
VoIP	Voice over Internet Protocol

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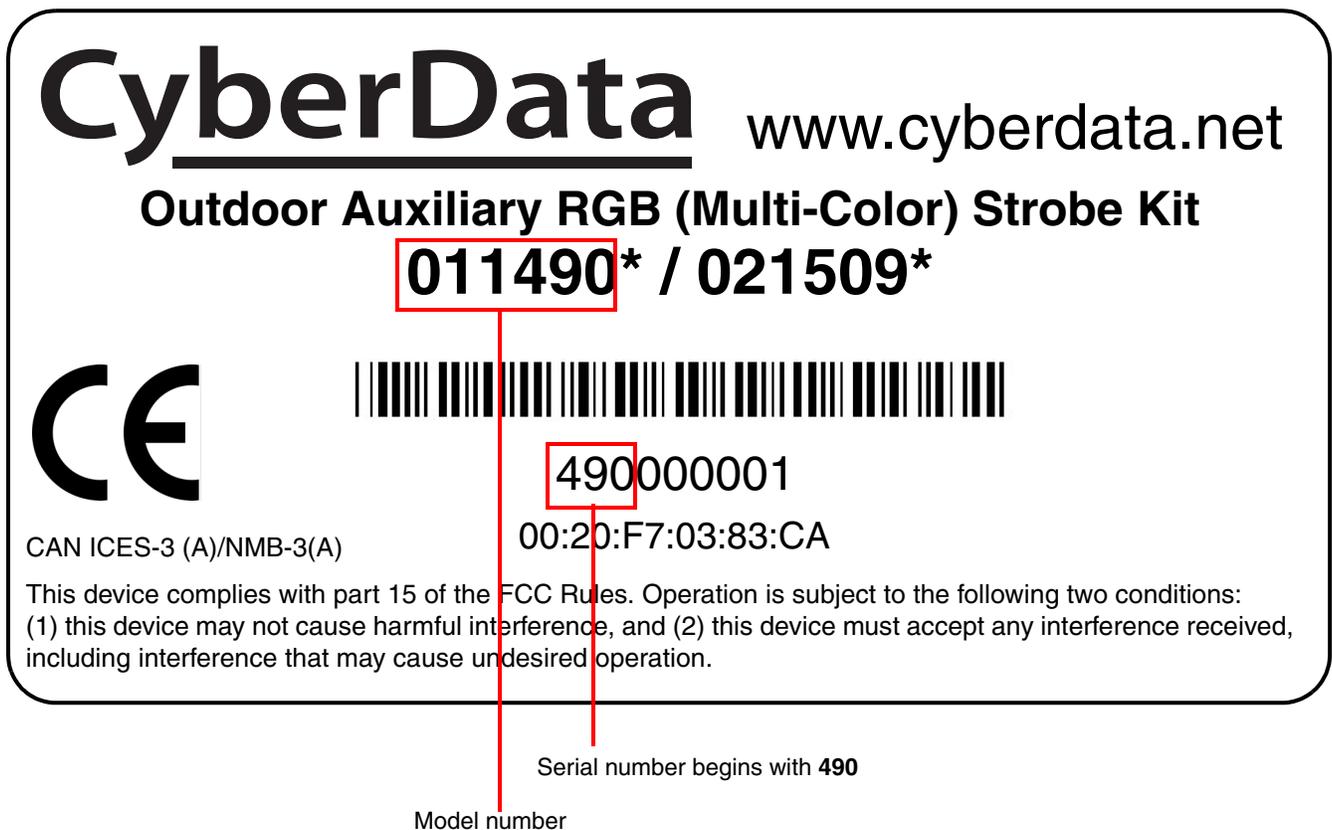
1 Product Overview

1.1 How to Identify This Product

To identify the Outdoor Auxiliary RGB (Multi-Color) Strobe Kit, look for a model number label similar to the one shown in [Figure 1-1](#). Confirm the following:

- † The model number on the label should be 011490.
- † The serial number on the label should begin with 490.

Figure 1-1. Model Number Label



1.2 Product Features

- † Meets ADA requirements for telephony signaling and notification
- † Compatible with CyberData InformaCast enabled devices
- † When connected to a CyberData IP Endpoint, this device supports:
 - Multicast activation
 - For each activation, the user may choose multiple colors, blink rates, and brightness levels
 - Mailbox "message waiting" indication
 - HTTP Command Interface

1.3 Supported Protocols

When attached to a supported CyberData device, the Auxiliary RGB Strobe kit supports:

- † SIP
- † HTTPS or HTTP web-based configuration from the IP endpoint. HTTPS is enabled by default.
Provides an intuitive user interface for easy system configuration and verification of Outdoor Auxiliary RGB (Multi-Color) Strobe Kit operations.
- † RTP

1.4 Specifications

Table 1-1. Specifications

Specifications	
Power Input	Supplied by the supported CyberData VoIP endpoint
Flash rate	5 user-defined scenes
LED MTBF	100,000 Hours
Brightness	366 Lux (white color)
IP Rating	IP66
Operating Range	Temperature: -40° C to 55° C (-40° F to 131° F) Humidity: 5-95%, non-condensing
Storage Temperature	-40° C to 70° C (-40° F to 158° F)
Storage Altitude	Up to 15,000 ft. (4573 m)
Dimensions ^a	5.1 inches [129.5 mm] Length 2.9 inches [73.66 mm] Width 5.1 inches [129.5 mm] Height
Weight	2.0 lbs [0.90 kg]
Boxed Weight	3.0 lbs [1.35 kg]
Compliance	CE; EMC Directive – Class A EN 55032 & EN 55024, LV Safety Directive –EN 60950-1 and EN 62368-1, RoHS Compliant, FCC; Part 15 Class A, Industry Canada; ICES-3 Class A, IEEE 802.3 Compliant
Part Number	011490

a. Dimensions are measured from the perspective of the product being upright with the front of the product facing you.

1.5 Compliance

1.5.1 CE Statement



As of the date of manufacture, this equipment has been tested and found to comply with the specifications for CE marking and standards per EMC and Radiocommunications Compliance.

EMC Directive - Class A Emissions, Immunity, and LV Safety Directive, RoHS Compliant.
Flammability rating on all components is 94V-0.

1.5.2 FCC Statement



This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

CAUTION: Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

1.5.3 Industry Canada (IC) Compliance Statement

Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. This device must accept any interference, including interference that may cause undesired operations of the device.

ICES-3 Class A

2 Installing the Outdoor Auxiliary RGB (Multi-Color) Strobe Kit

2.1 Parts List

Table 2-2 illustrates the Outdoor Auxiliary RGB (Multi-Color) Strobe Kit parts.

Table 2-2. Parts List

Quantity	Part Name	Illustration
1	Outdoor Auxiliary RGB (Multi-Color) Strobe Kit Assembly	
1	Installation Quick Reference Guide	
1	Outdoor Auxiliary RGB (Multi-Color) Strobe Kit Mounting Accessory Kit	

2.2 Connecting the Outdoor Auxiliary RGB (Multi-Color) Strobe Kit to the SIP Loudspeaker Amplifier

1. Remove the mounting screw to remove the cover plate. See [Figure 2-2](#).
2. Remove the hole plug and grommet. See [Figure 2-2](#).
3. Connect the strobe cable to the device as shown in [Figure 2-2](#) and [Figure 2-3](#).
4. Slide the cover plate through the slot on the cable grommet. See [Figure 2-2](#).
5. Install the mounting screw to secure the cover plate. See [Figure 2-2](#).

Figure 2-2. Connecting the RGB Strobe Kit to the SIP Paging Amplifier

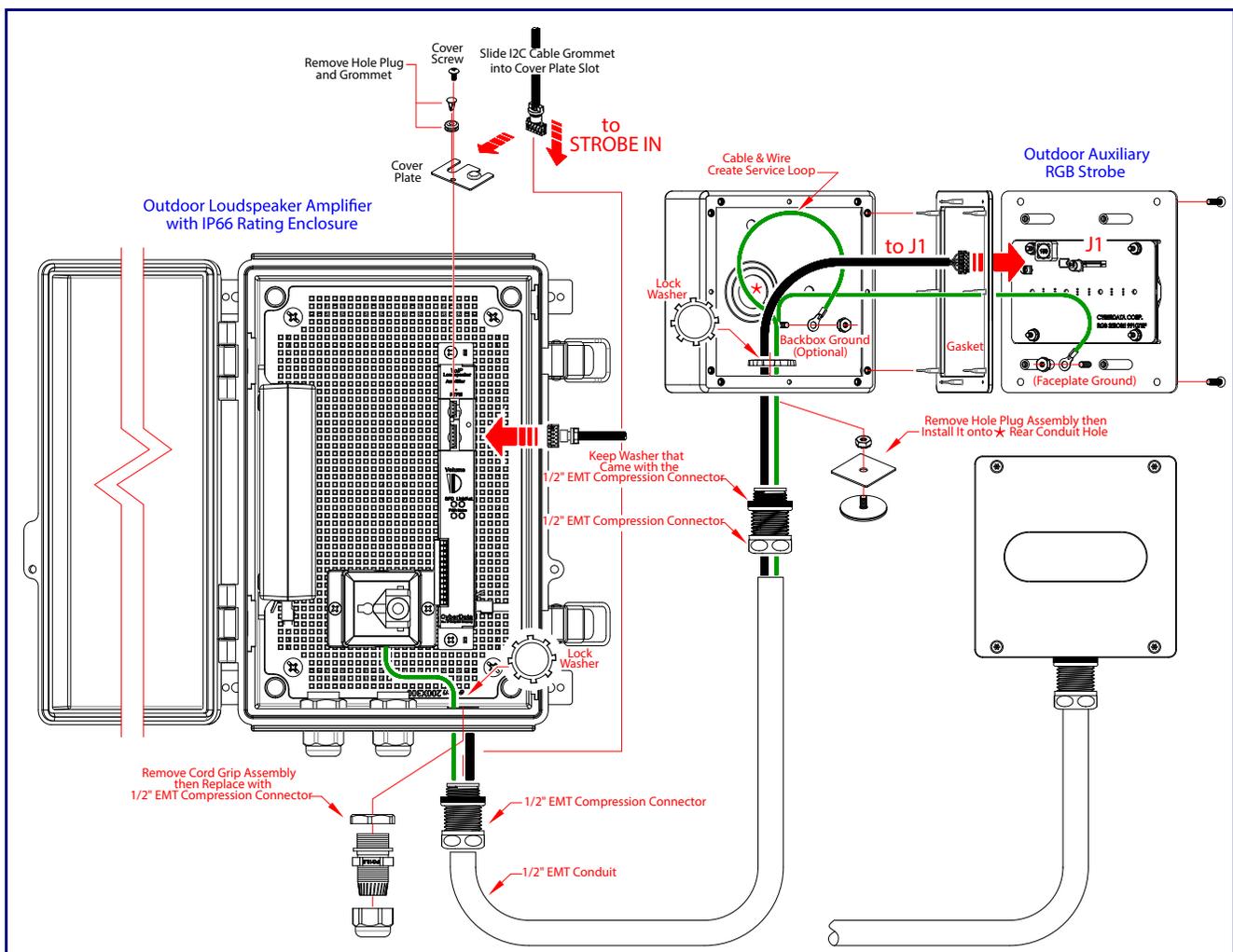
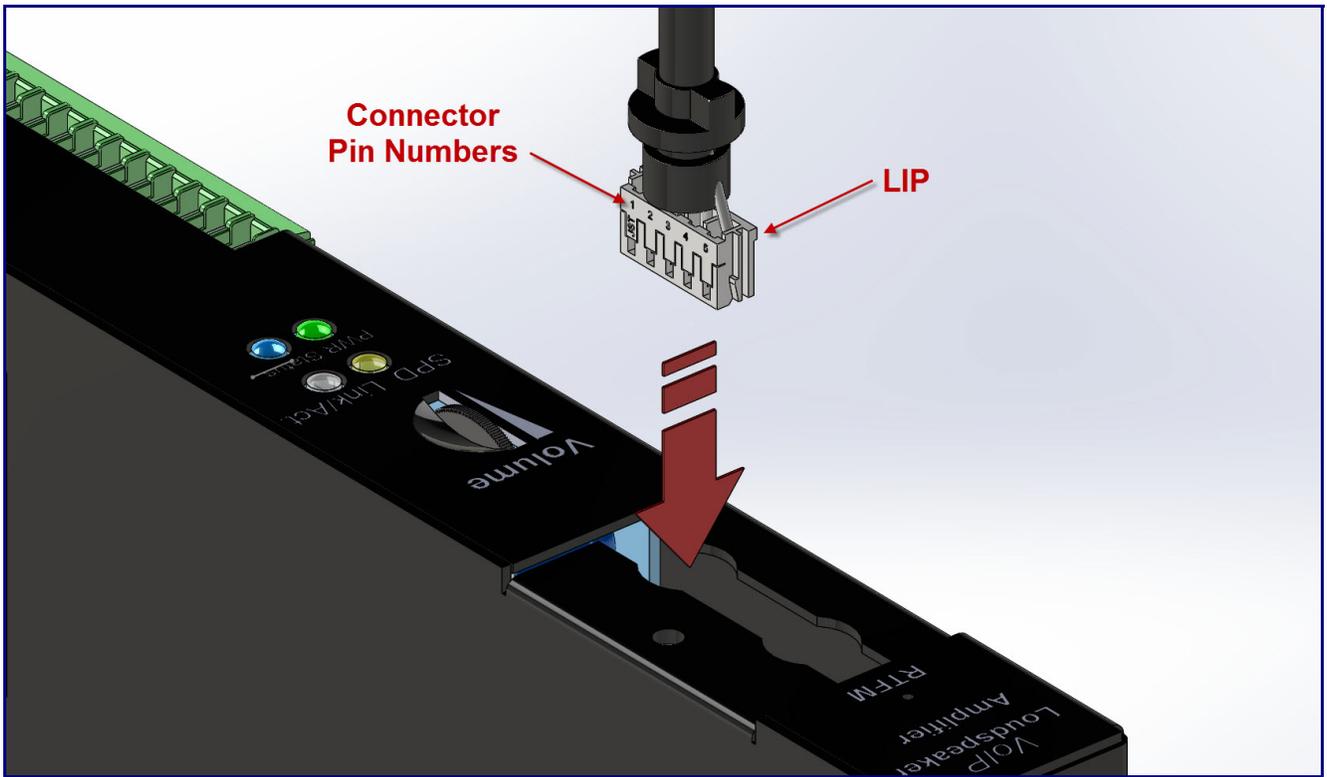


Figure 2-3. Strobe Cable Connection

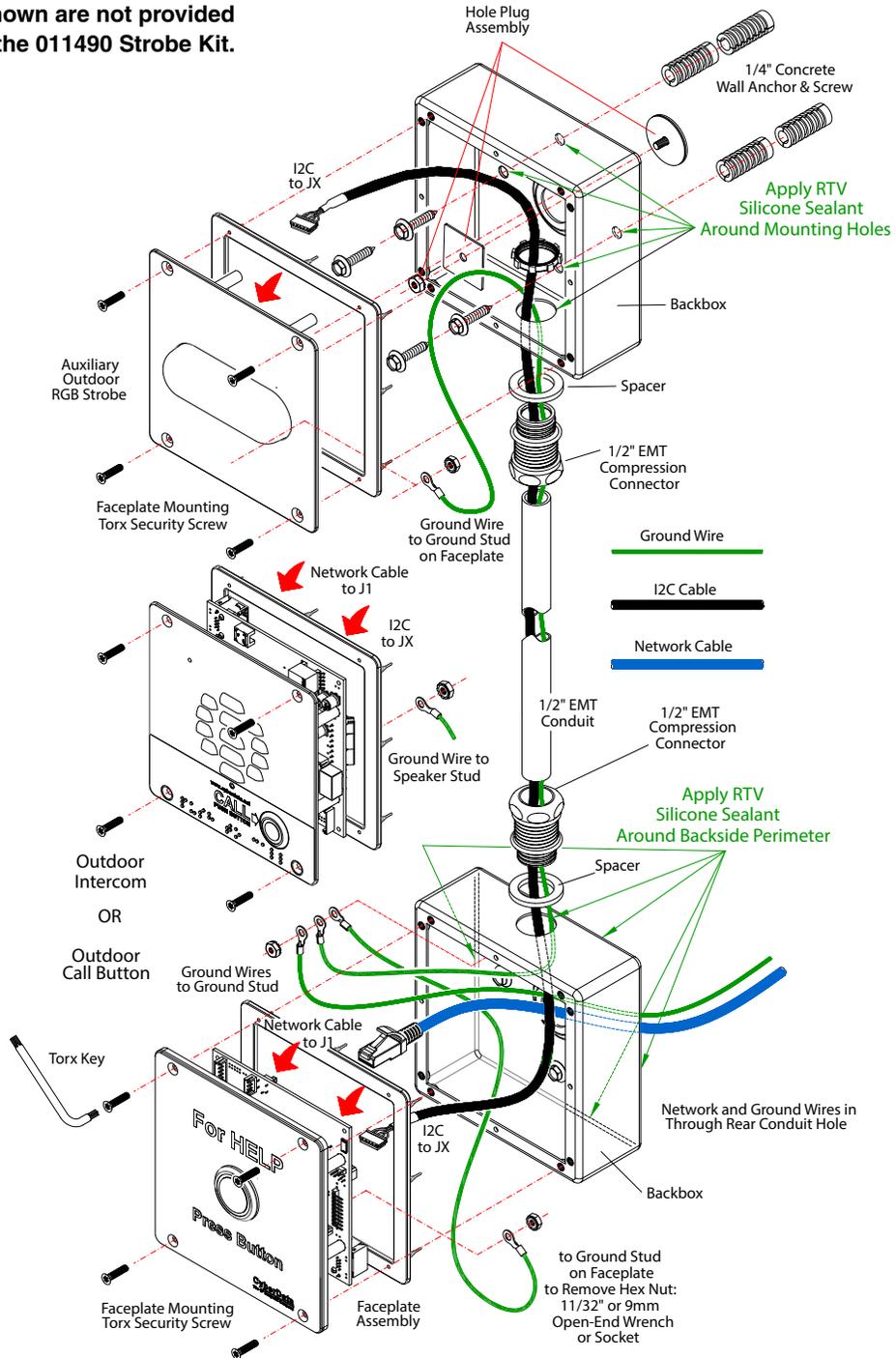


2.2.1 Connecting an Outdoor Auxiliary RGB (Multi-Color) Strobe Kit to the Outdoor Intercom or Outdoor Call Button

1. Connect the strobe cable to the board of the Auxiliary RGB Strobe and the board of the device as shown in [Figure 2-4](#).

Figure 2-4. Connecting an Auxiliary Outdoor RGB Strobe to the Outdoor Intercom or Outdoor Call Button

Note: All parts shown are not provided other than the 011490 Strobe Kit.



2.3 Web UI Pages

2.3.1 Using the Toggle Help Button

The **Toggle Help** button allows you to see a short description of some of the settings on the webpage. To use the **Toggle Help** button, do the following:

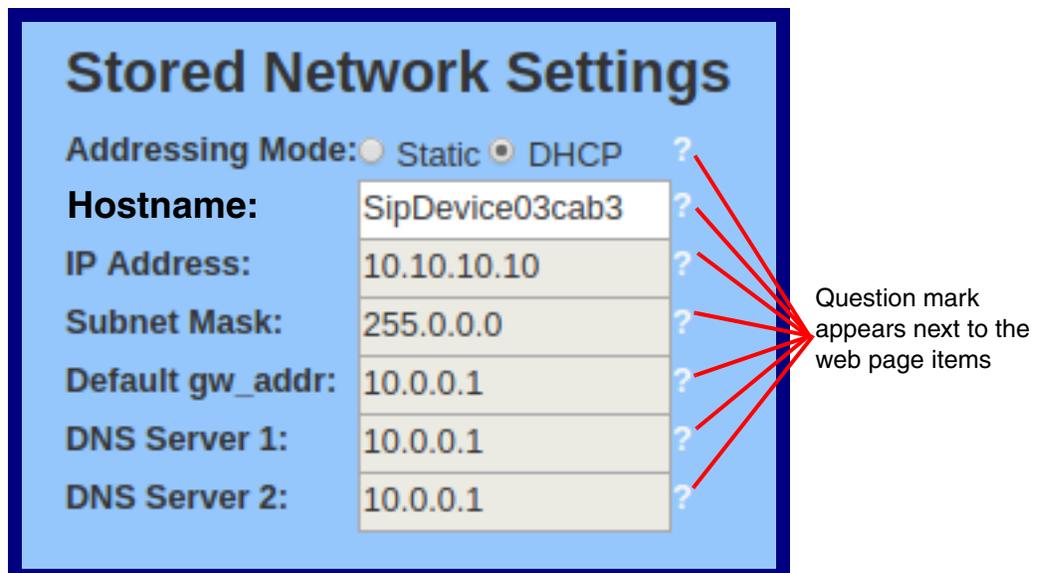
1. Click on the **Toggle Help** button that is on the UI webpage. See [Figure 2-5](#) and [Figure 2-6](#).

Figure 2-5. Toggle/Help Button



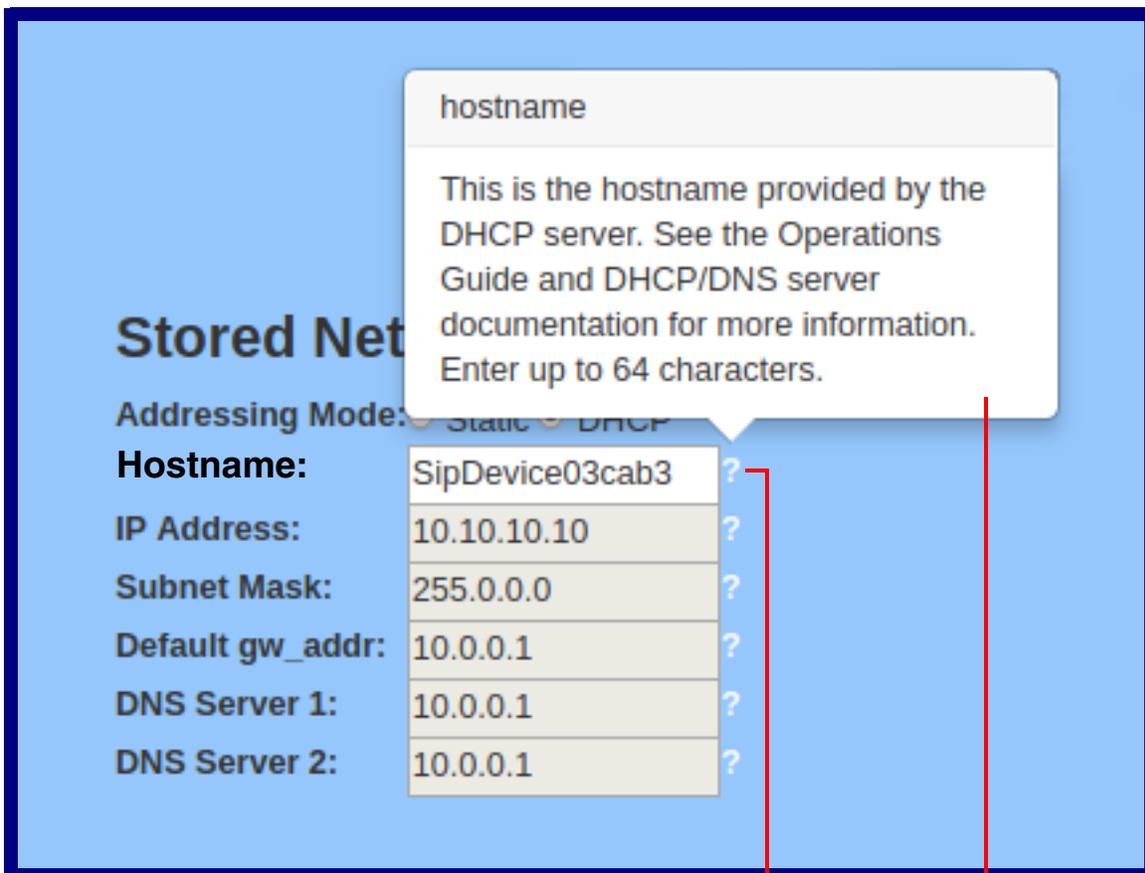
2. You will see a question mark (?) appear next to each web page item that has been provided with a short description by the Help feature. See [Figure 2-6](#).

Figure 2-6. Toggle Help Button and Question Marks



3. Move the mouse pointer to hover over the question mark (?), and a short description of the web page item will appear. See Figure 2-7.

Figure 2-7. Short Description Provided by the Help Feature



Question mark

A short description of the web page item will appear

2.3.2 Configure the Device

1. Click the **Device** menu button to open the **Device** page. See [Figure 2-8](#).

Figure 2-8. Device Configuration Page

Home
Device
Network
SIP
SSL
Multicast
Sensor
Audiofiles
Events
DSR
Autoprov
Firmware

InformaCast Enabled Outdoor Intercom

Volume Settings (0-9)

SIP Volume:

Multicast Volume:

Ring Volume:

Sensor Volume:

Push to Talk Volume:

InformaCast Volume: Set on the Singlewire server

Microphone Settings (0-9)

Microphone Gain:

Push to Talk Microphone Gain:

Clock Settings

Enable NTP:

NTP Server:

Timezone:

Current Time: Wed, 20 Feb 2019 13:46:16

InformaCast Settings

InformaCast Address:

Relay Settings

Activate Relay with DTMF code:

Relay Pulse Code:

Relay Pulse Duration (in seconds):

Relay Activation Code:

Relay Deactivation Code:

Play Tone During DTMF Activation:

Activate Relay During Ring:

Activate Relay During Night Ring:

Activate Relay While Call Active:

Activate Relay On Button Press:

Relay On Button Press Duration:

Activate Relay on InformaCast:

Misc Settings

Device Name:

Auto-Answer Incoming Calls:

Button Lit when Idle:

Button Brightness (0-255):

Play Ringback Tone:

Enable Push to Talk:

Enable DTMF Push to Talk:

Prevent Call Termination:

Disable HTTPS (NOT recommended):

InformaCast Strobe Settings

Priority	Scene	Brightness	Color	Red	Green	Blue	
1	ADA	255	Color	255	255	255	Preview
2	Fast Blink	255	Color	255	0	0	Preview
3	Slow Blink	120	White			0	Preview
4	Fast Fade	80	Yellow			128	Preview
5	Slow Fade	225	Orange			255	Preview
6	Off	255	Red			255	Preview
7	Slow Blink	66	Purple			60	Preview
8	Fast Fade	230	Blue			0	Preview
9	Fast Blink	180	Teal			100	Preview
10	Slow Blink	75	Green			0	Preview
			Lime			0	Preview

Save
Reboot
Toggle Help

Test Audio
Test Microphone
Test Relay

2. On the **Device** page, you may enter values for the parameters indicated in [Table 2-3](#).

Note The question mark icon (?) in the following table shows which web page items will be defined after the **Toggle Help** button is pressed.

Table 2-3. Device Configuration Parameters

	Description
Singlewire Broadcast Strobe Settings	For up to 10 Singlewire pages, when a priority is specified for the page, a corresponding strobe scene will be activated. The color may be selected from the drop down menu, or customized by the user with the 0-255 scale. Brightness is specified with a value between 0 and 255. The following strobe settings will only appear if a CyberData Strobe product is connected to your device. If a CyberData Strobe product is not connected to your device, you will not see the strobe settings.
Priority ?	Indicates the priority of the Singlewire broadcast, with 1 the highest priority and 10 the lowest.
Scene ?	Use this section to select the strobe flashing behavior for the Singlewire Broadcast.
ADA Compliant ?	Strobe will blink ON at the specified brightness for 150ms then OFF for 350ms during the duration of the event.
Slow Fade ?	Strobe will increase in brightness from 0 to the specified brightness and back to 0 over the course of about 3.5 seconds during the duration of the event.
Fast Fade ?	Strobe will increase in brightness from 0 to the specified brightness and back to 0 over the course of about 1.5 seconds during the duration of the event.
Slow Blink ?	Strobe will blink ON at the specified brightness for one second then OFF for one second during the duration of the event.
Fast Blink ?	Strobe will blink ON at the specified brightness then OFF five times per second during the duration of the event.
Color ?	Select the desired color (only one may be chosen).
Brightness ?	How bright the strobe will blink when there is a Singlewire Broadcast. This is the maximum brightness for "fade" type scenes.
Red ?	The red LED value for the Singlewire Broadcast.
Green ?	The green LED value for the Singlewire Broadcast.
Blue ?	The blue LED value for the Singlewire Broadcast.
	Use this button to preview the strobe flashing behavior for the Sensor Strobe Settings .

2.3.3 Configure the SIP (Session Initiation Protocol) Parameters

1. Click on the **SIP** menu button to open the **SIP** page (Figure 2-9).

Figure 2-9. SIP Configuration Page

The screenshot shows the SIP Configuration Page for a CyberData Device. The page features a navigation menu at the top with tabs for Home, Device, Network, SIP, SSL, Multicast, Sensor, Audiofiles, Events, DSR, Autopro, and Firmware. The main heading is "CyberData Device".

SIP Settings

- Enable SIP operation:
- Register with a SIP Server:
- Primary SIP Server: 10.0.0.253
- Primary SIP User ID: 199
- Primary SIP Auth ID: 199
- Primary SIP Auth Password: *****
- Re-registration Interval (in seconds): 360
- Backup SIP Server 1: [Empty]
- Backup SIP User ID: [Empty]
- Backup SIP Auth ID: [Empty]
- Backup SIP Auth Password: [Empty]
- Re-registration Interval (in seconds): 360
- Backup SIP Server 2: [Empty]
- Backup SIP User ID: [Empty]
- Backup SIP Auth ID: [Empty]
- Backup SIP Auth Password: [Empty]
- Re-registration Interval (in seconds): 360
- Remote SIP Port: 5060
- Local SIP Port: 5060
- SIP Transport Protocol: UDP
- TLS Version: 1.2 only (recommended)
- Verify Server Certificate:

Nightringer Settings

- SIP Server: [Empty]
- SIP User ID: [Empty]
- SIP Auth ID: [Empty]
- SIP Auth Password: [Empty]
- Re-registration Interval (in seconds): 360

SIP Ring Strobe Settings

- Blink Strobe on Ring:
- Scene: ADA
- Brightness: 255
- Color: [Color Selection]
- Red: 255
- Green: 255
- Blue: 255
- Preview

SIP Call Strobe Settings

- Blink Strobe during Call:
- Scene: ADA
- Brightness: 255
- Color: [Color Selection]
- Red: 255
- Green: 255
- Blue: 255
- Preview

MWI Strobe Settings

- Blink Strobe on MWI:
- Scene: ADA
- Brightness: 255
- Color: [Color Selection]
- Red: 255
- Green: 255
- Blue: 255
- Preview

The strobe settings will only appear if a CyberData Strobe product is connected to your device. If a CyberData Strobe product is not connected to your device, you will not see the strobe settings.

Figure 2-10. SIP Configuration Page

The strobe settings will only appear if a CyberData Strobe product is connected to your device.
If a CyberData Strobe product is not connected to your device, you will not see the strobe settings.

Outbound Proxy:

Outbound Proxy Port:

Use Cisco SRST:

Disable rport Discovery:

Unregister on Boot:

Keep Alive Period:

Nightringer Strobe Settings

Blink Strobe on Nightring:

Scene	Brightness	Color	Red	Green	Blue	
ADA	255	Color	255	255	255	Preview

Dial Out Settings

Dial out Extension:

Extension ID:

Send Multicast Audio:

Multicast Address:

Multicast Port:

Repeat Message:

Call Disconnection

Terminate Call after delay:

Audio Codec Selection

Codec:

RTP Settings

RTP Port (even):

Jitter Buffer:

2. On the **SIP** page, enter values for the parameters indicated in [Table 2-4](#).

Note The question mark icon (?) in the following table shows which web page items will be defined after the **Toggle Help** button is pressed.

Table 2-4. SIP Configuration Parameters

Web Page Item	Description
SIP Ring Strobe Settings	The following strobe settings will only appear if a CyberData Strobe product is connected to your device. If a CyberData Strobe product is not connected to your device, you will not see the strobe settings.
Blink Strobe on Ring ?	When selected, the Strobe will blink a scene when ringing.
Scene ?	Select desired scene (only one may be chosen).
ADA Compliant ?	Strobe will blink ON at the specified brightness for 150ms then OFF for 350ms during the duration of the event.
Slow Fade ?	Strobe will increase in brightness from 0 to the specified brightness and back to 0 over the course of about 3.5 seconds during the duration of the event.
Fast Fade ?	Strobe will increase in brightness from 0 to the specified brightness and back to 0 over the course of about 1.5 seconds during the duration of the event.
Slow Blink ?	Strobe will blink ON at the specified brightness for one second then OFF for one second during the duration of the event.
Fast Blink ?	Strobe will blink ON at the specified brightness then OFF five times per second during the duration of the event.
Color ?	Select desired color (only one may be chosen).
Brightness ?	How bright the strobe will blink when there is a SIP Ring. This is the maximum brightness for “fade” type scenes.
Red ?	The red LED value for SIP Ring.
Green ?	The green LED value for SIP Ring.
Blue ?	The blue LED value for SIP Ring.
	Use this button to preview the strobe flashing behavior for the SIP Ring Strobe Settings .
SIP Call Strobe Settings	The following strobe settings will only appear if a CyberData Strobe product is connected to your device. If a CyberData Strobe product is not connected to your device, you will not see the strobe settings.
Blink Strobe during Call ?	When selected, the Strobe will blink a scene during a call.
Scene ?	Select desired scene (only one may be chosen).
ADA Compliant ?	Strobe will blink ON at the specified brightness for 150ms then OFF for 350ms during the duration of the event.
Slow Fade ?	Strobe will increase in brightness from 0 to the specified brightness and back to 0 over the course of about 3.5 seconds during the duration of the event.
Fast Fade ?	Strobe will increase in brightness from 0 to the specified brightness and back to 0 over the course of about 1.5 seconds during the duration of the event.
Slow Blink ?	Strobe will blink ON at the specified brightness for one second then OFF for one second during the duration of the event.
Fast Blink ?	Strobe will blink ON at the specified brightness then OFF five times per second during the duration of the event.

Table 2-4. SIP Configuration Parameters (Continued)

Web Page Item	Description
Color ?	Select desired color (only one may be chosen).
Brightness ?	How bright the strobe will blink when there is a SIP Call. This is the maximum brightness for “fade” type scenes.
Red ?	The red LED value for SIP Call.
Green ?	The green LED value for SIP Call.
Blue ?	The blue LED value for SIP Call.
	Use this button to preview the strobe flashing behavior for the SIP Call Strobe Settings .
MWI Strobe Settings	The following strobe settings will only appear if a CyberData Strobe product is connected to your device. If a CyberData Strobe product is not connected to your device, you will not see the strobe settings.
Blink Strobe on MWI ?	When selected, the strobe will blink a scene when a voicemail is waiting for its extension.
Scene ?	Select desired scene (only one may be chosen).
ADA Compliant ?	Strobe will blink ON at the specified brightness for 150ms then OFF for 350ms during the duration of the event.
Slow Fade ?	Strobe will increase in brightness from 0 to the specified brightness and back to 0 over the course of about 3.5 seconds during the duration of the event.
Fast Fade ?	Strobe will increase in brightness from 0 to the specified brightness and back to 0 over the course of about 1.5 seconds during the duration of the event.
Slow Blink ?	Strobe will blink ON at the specified brightness for one second then OFF for one second during the duration of the event.
Fast Blink ?	Strobe will blink ON at the specified brightness then OFF five times per second during the duration of the event.
MWI Call Color ?	Select desired color (only one may be chosen).
Brightness ?	How bright the strobe will blink when there is a message waiting. This is the maximum brightness for “fade” type scenes.
Red ?	The red LED value for MWI.
Green ?	The green LED value for MWI.
Blue ?	The blue LED value for MWI.
	Use this button to preview the strobe flashing behavior for the MWI Strobe Settings .
Nightringer Strobe Settings	The following strobe settings will only appear if a CyberData Strobe product is connected to your device. If a CyberData Strobe product is not connected to your device, you will not see the strobe settings.
Blink Strobe on Nightring ?	When selected, the Strobe will blink a scene when the Nightringer is ringing.
Scene ?	Select desired scene (only one may be chosen).
ADA Compliant ?	Strobe will blink ON at the specified brightness for 150ms then OFF for 350ms during the duration of the event.
Slow Fade ?	Strobe will increase in brightness from 0 to the specified brightness and back to 0 over the course of about 3.5 seconds during the duration of the event.

Table 2-4. SIP Configuration Parameters (Continued)

Web Page Item	Description
Fast Fade ?	Strobe will increase in brightness from 0 to the specified brightness and back to 0 over the course of about 1.5 seconds during the duration of the event.
Slow Blink ?	Strobe will blink ON at the specified brightness for one second then OFF for one second during the duration of the event.
Fast Blink ?	Strobe will blink ON at the specified brightness then OFF five times per second during the duration of the event.
Color ?	Select desired color (only one may be chosen).
Brightness ?	How bright the strobe will blink when the Nightringer is ringing. This is the maximum brightness for “fade” type scenes.
Red ?	The red LED value for Nightringer.
Green ?	The green LED value for Nightringer.
Blue ?	The blue LED value for Nightringer.
Preview	Use this button to preview the strobe flashing behavior for the Nightringer Strobe Settings .

2.3.4 Configure the Multicast Parameters

The Multicast Configuration page allows the device to join up to ten paging zones for receiving ulaw/alaw encoded RTP audio streams.

A paging zone can consist of one or many CyberData multicast group-enabled products. There is no limit to how many speakers can be in a given paging zone. Each multicast group is defined by a multicast address and port number.

Each multicast group is assigned a priority, allowing simultaneously arriving pages to be serviced based on importance. Multicast groups are compatible with IGMP through version 3. The device supports simultaneous SIP and Multicast.

1. Click on the **Multicast** menu button to open the **Multicast** page. See [Figure 2-11](#).

Figure 2-11. Multicast Configuration Page

CyberData Indoor Intercom

Multicast Settings

Enable Multicast Operation:

Priority	Address	Port	Name	Beep	Relay	Scene	Brightness	Color	Red	Green	Blue	
0	239.168.3.1	2000	Background Music	<input type="checkbox"/>	<input type="checkbox"/>	Slow Fade	255	Color	255	255	255	Preview
1	239.168.3.2	3000	MG1	<input type="checkbox"/>	<input type="checkbox"/>	Fast Fade	25	White			0	Preview
2	239.168.3.3	4000	MG2	<input type="checkbox"/>	<input type="checkbox"/>	Slow Blink	125	Yellow			0	Preview
3	239.168.3.4	5000	MG3	<input type="checkbox"/>	<input type="checkbox"/>	Fast Blink	240	Orange				Preview
4	239.168.3.5	6000	MG4	<input type="checkbox"/>	<input type="checkbox"/>	Fast Fade	80	Red			128	Preview
5	239.168.3.6	7000	MG5	<input type="checkbox"/>	<input type="checkbox"/>	Slow Blink	15	Pink			255	Preview
6	239.168.3.7	8000	MG6	<input type="checkbox"/>	<input type="checkbox"/>	Off	255	Purple			60	Preview
7	239.168.3.8	9000	MG7	<input type="checkbox"/>	<input type="checkbox"/>	Slow Fade	35	Blue			255	Preview
8	239.168.3.9	10000	MG8	<input type="checkbox"/>	<input type="checkbox"/>	Fast Blink	255	Teal				Preview
9	239.168.3.10	11000	Emergency	<input type="checkbox"/>	<input type="checkbox"/>	ADA	255	Green			0	Preview
								Lime			0	Preview

Polycom Default Channel: 1
 Polycom Priority Channel: 24
 Polycom Emergency Channel: 25

SIP calls are considered priority 4.5
Port range can be from 2000-65535
Priority 9 is the highest and 0 is the lowest
A higher priority audio stream will always supersede a lower one
Priority 9 streams will play at maximum volume

Save Reboot

The strobe settings will only appear if a CyberData Strobe product is connected to your device.
 If a CyberData Strobe product is not connected to your device, you will not see the strobe settings.

2. On the **Multicast** page, enter values for the parameters indicated in [Table 2-5](#).

Note The question mark icon (?) in the following table shows which web page items will be defined after the **Toggle Help** button is pressed.

Table 2-5. Multicast Page Parameters

	Description
Scene ?	Select desired scene (only one may be chosen). Note: The strobe settings will only appear if you are using the Strobe Kit. If you are not using the Strobe Kit, you will not see the strobe settings.
ADA Compliant ?	Strobe will blink ON at the specified brightness for 150ms then OFF for 350ms during the duration of the event.
Slow Fade ?	Strobe will increase in brightness from 0 to the specified brightness and back to 0 over the course of about 3.5 seconds during the duration of the event.
Fast Fade ?	Strobe will increase in brightness from 0 to the specified brightness and back to 0 over the course of about 1.5 seconds during the duration of the event.
Slow Blink ?	Strobe will blink ON at the specified brightness for one second then OFF for one second during the duration of the event.
Fast Blink ?	Strobe will blink ON at the specified brightness then OFF five times per second during the duration of the event.
Color ?	Select desired color (only one may be chosen).
Brightness ?	How bright the strobe will blink on a multicast page. This is the maximum brightness for “fade” type scenes.
Red ?	The red LED value for Multicast.
Green ?	The green LED value for Multicast.
Blue ?	The blue LED value for Multicast.
	Use this button to preview the strobe flashing behavior for the Multicast Strobe Settings .

2.3.5 Configure the Sensor Configuration Parameters

1. Click **Sensor** menu button to open the **Sensor** page (Figure 2-12).

Figure 2-12. Sensor Configuration Page

The screenshot shows the 'Sensor' configuration page for a CyberData Indoor Intercom. The page is titled 'CyberData Indoor Intercom' and features a navigation menu at the top with the following tabs: Home, Device, Network, SIP, SSL, Multicast, Sensor, Audiofiles, Events, DSR, Autopro, and Firmware. The 'Sensor' tab is currently selected.

The page is divided into three main sections:

- Door Sensor Settings:**
 - Door Sensor Normally Closed: Yes No
 - Door Open Timeout (in seconds):
 - Flash Button LED:
 - Activate Relay:
 - Play Audio Locally:
 - Make call to extension:
 - Dial Out Extension:
 - Dial Out ID:
 - Play recorded audio:
 - Repeat Sensor Message:
- Intrusion Sensor Settings:**
 - Flash Button LED:
 - Activate Relay:
 - Play Audio Locally:
 - Make call to extension:
 - Dial Out Extension:
 - Dial Out ID:
 - Play recorded audio:
 - Repeat Intrusion Message:
- Intrusion Strobe Settings:**
 - Blink Strobe on Intrusion:
 - Scene: Brightness: Color: Red: Green: Blue:

At the bottom of the page, there are three buttons: 'Save', 'Reboot', and 'Toggle Help'. Below these are two buttons: 'Test Door Sensor' and 'Test Intrusion Sensor'.

A callout box contains the following text:

The strobe settings will only appear if a CyberData Strobe product is connected to your device. If a CyberData Strobe product is not connected to your device, you will not see the strobe settings.

2. On the **Sensor** page, enter values for the parameters indicated in [Table 2-6](#).

Note The question mark icon (?) in the following table shows which web page items will be defined after the **Toggle Help** button is pressed.

Table 2-6. Sensor Configuration Parameters

Web Page Item	Description
Sensor Strobe Settings	The following strobe settings will only appear if a CyberData Strobe product is connected to your device. If a CyberData Strobe product is not connected to your device, you will not see the strobe settings.
Blink Strobe on Sensor ?	When selected, the Strobe will blink a scene when the sensor is triggered.
Scene ?	Select desired scene (only one may be chosen).
ADA Compliant ?	Strobe will blink ON at the specified brightness for 150ms then OFF for 350ms during the duration of the event.
Slow Fade ?	Strobe will increase in brightness from 0 to the specified brightness and back to 0 over the course of about 3.5 seconds during the duration of the event.
Fast Fade ?	Strobe will increase in brightness from 0 to the specified brightness and back to 0 over the course of about 1.5 seconds during the duration of the event.
Slow Blink ?	Strobe will blink ON at the specified brightness for one second then OFF for one second during the duration of the event.
Fast Blink ?	Strobe will blink ON at the specified brightness then OFF five times per second during the duration of the event.
Color ?	Select desired color (only one may be chosen).
Brightness ?	How bright the strobe will blink when the sensor is triggered. This is the maximum brightness for "fade" type scenes.
Red ?	The red LED value for the Sensor.
Green ?	The green LED value for the Sensor.
Blue ?	The blue LED value for the Sensor.
	Use this button to preview the strobe flashing behavior for the Sensor Strobe Settings .
Intrusion Sensor Strobe Settings	The following strobe settings will only appear if a CyberData Strobe product is connected to your device. If a CyberData Strobe product is not connected to your device, you will not see the strobe settings.
Blink Strobe on Intrusion Sensor ?	When selected, the Strobe will blink a scene when the intrusion sensor is triggered.
Scene ?	Select desired scene (only one may be chosen).
ADA Compliant ?	Strobe will blink ON at the specified brightness for 150ms then OFF for 350ms during the duration of the event.
Slow Fade ?	Strobe will increase in brightness from 0 to the specified brightness and back to 0 over the course of about 3.5 seconds during the duration of the event.

Table 2-6. Sensor Configuration Parameters (Continued)

Web Page Item	Description
Fast Fade ?	Strobe will increase in brightness from 0 to the specified brightness and back to 0 over the course of about 1.5 seconds during the duration of the event.
Slow Blink ?	Strobe will blink ON at the specified brightness for one second then OFF for one second during the duration of the event.
Fast Blink ?	Strobe will blink ON at the specified brightness then OFF five times per second during the duration of the event.
Color ?	Select desired color (only one may be chosen).
Brightness ?	How bright the strobe will blink when the intrusion sensor is triggered. This is the maximum brightness for “fade” type scenes.
Red ?	The red LED value for the Intrusion Sensor.
Green ?	The green LED value for the Intrusion Sensor.
Blue ?	The blue LED value for the Intrusion Sensor.
<div data-bbox="310 800 448 856" style="border: 1px solid black; padding: 2px; display: inline-block;">Preview</div>	Use this button to preview the strobe flashing behavior for the Intrusion Sensor Strobe Settings .

Appendix A: Mounting the Outdoor Auxiliary RGB (Multi-Color) Strobe Kit

A.1 Mounting Components

Before you mount the Outdoor Auxiliary RGB (Multi-Color) Strobe Kit, make sure that you have received all the parts for each Outdoor Auxiliary RGB (Multi-Color) Strobe Kit. Refer to the following tables.

Table A-1. Mounting Components (Part of the Accessory Kit)

Quantity	Part Name	Illustration
1	T-15H Torx Key	
4	Security Torx Screw	

Table A-2. Optional Accessories (for gooseneck mounting)

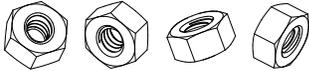
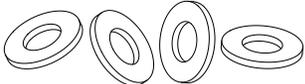
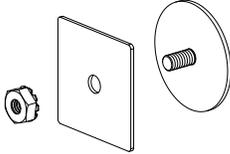
Quantity	Part Name	Illustration
4	Carriage bolt nuts	
4	Carriage bolts	
4	Carriage bolt washers	

Table A-3. Optional Accessories

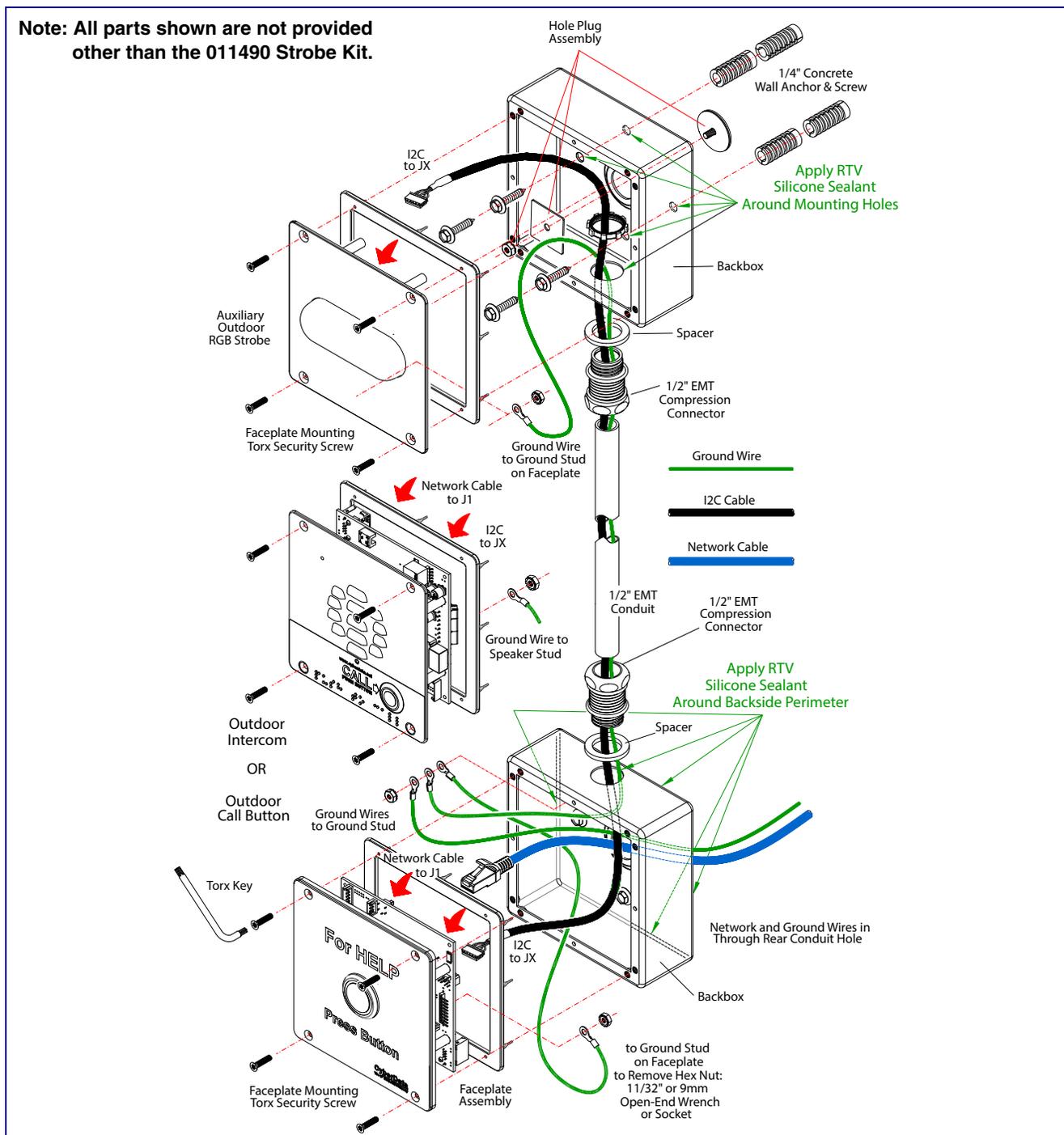
Quantity	Part Name	Illustration
1	531085* hole plug assembly	

A.2 Conduit Wall Mounting

Figure A-1 shows the Conduit Wall Mounting (Outdoor Intercom or Outdoor Call Button) for the Outdoor Auxiliary RGB (Multi-Color) Strobe Kit.

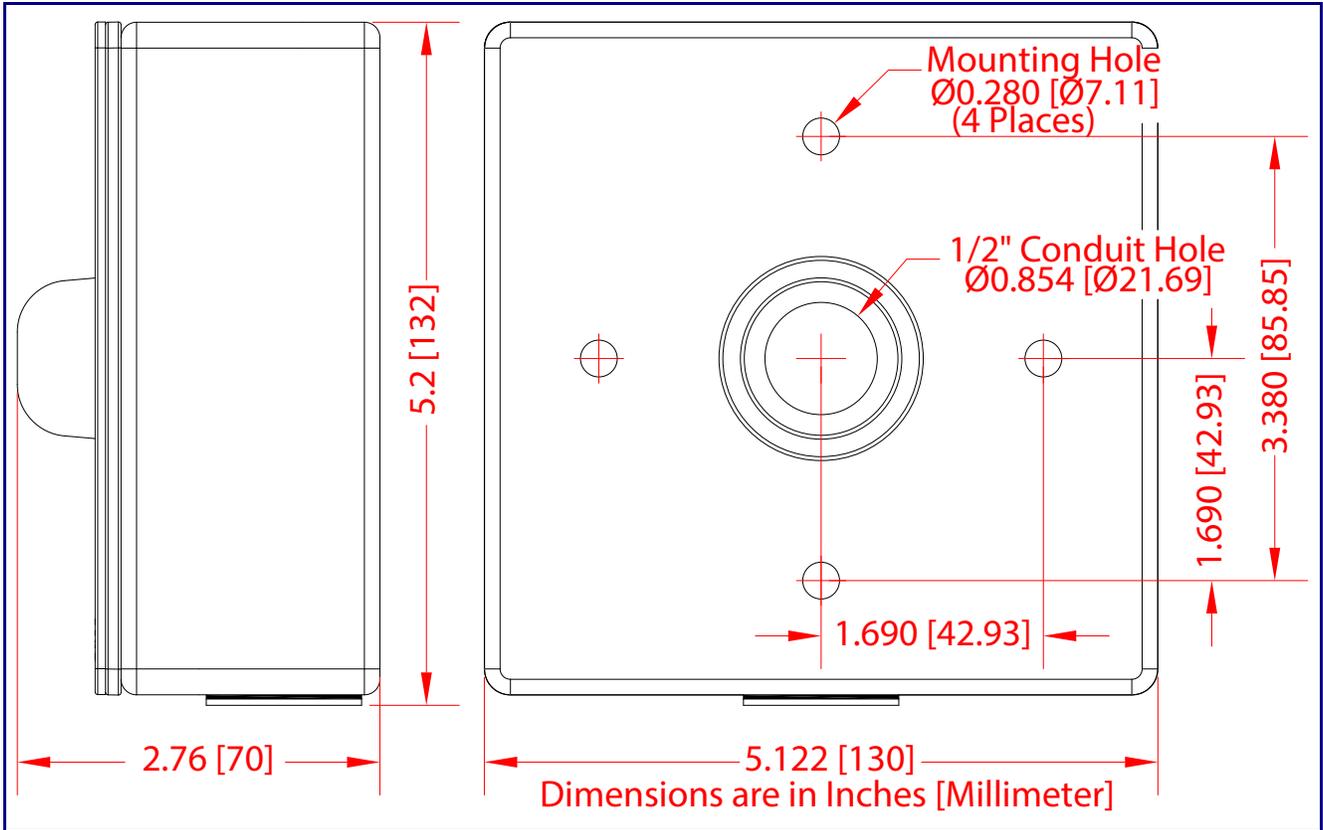
Note Be sure to connect the Outdoor Auxiliary RGB (Multi-Color) Strobe Kit to the Earth Ground.

Figure A-1. Conduit Wall Mounting (Outdoor Intercom or Outdoor Call Button)



A.3 Dimensions

Figure A-2. Dimensions and Rear View with Mounting Holes



Appendix B: Troubleshooting/Technical Support

B.1 Frequently Asked Questions (FAQ)

To see a list of frequently asked questions for your product, click on the **FAQs** tab at the following webpage:

<https://www.cyberdata.net/products/011490>

B.2 Documentation

The documentation for this product is released in an English language version only.

To download PDF copies of CyberData product documentation, click on the **Downloads** tab at the following webpage:

<https://www.cyberdata.net/products/011490>

B.3 Contact Information

Contact	CyberData Corporation 3 Justin Court Monterey, CA 93940 USA www.CyberData.net Phone: 800-CYBERDATA (800-292-3732) Fax: 831-373-4193
Sales	Sales 831-373-2601, Extension 334
Technical Support	The fastest way to get technical support for your VoIP product is to submit a VoIP Technical Support form at the following website: http://support.cyberdata.net/ The Support Form initiates a ticket which CyberData uses for tracking customer requests. Most importantly, the Support Form tells us which PBX system and software version that you are using, the make and model of the switch, and other important information. This information is essential for troubleshooting. Please also include as much detail as possible in the Comments section of the Support Form. Phone: (831) 373-2601, Extension 333

B.4 Warranty and RMA Information

The most recent warranty and RMA information is available at the following website address:

<http://support.cyberdata.net/>

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