AVTECH's Light Tower w/Audio enhances the alerting capabilities of Room Alert with visual and audible alarms. The Light Tower w/Audio has three independently-selectable LEDs (red, yellow and green) and one audio signal adjustable up to 92 dB at 3.3' (1 m).

Light Tower w/Audio Package Contents

- One (1) Light Tower w/Audio
- One (1) mounting bracket
- Three (3) mounting screws

Install Your Light Tower w/Audio

Do not use this sensor in hazardous (classified) locations or life safety applications.

Step 1: Mount your Light Tower.

Mount your Light Tower w/Audio with the attached right-angle mounting bracket and included mounting screws.

### Step 2: Connect your Light Tower to AVTECH's Light Tower & Relay Adapter.

To use your Light Tower with Room Alert models 32W, 32E, 12E and 3E, you need AVTECH's **Light Tower & Relay Adapter** (LT-32-ADP), shown here.

For more information about AVTECH's Light Tower & Relay Adapter, please see its Installation Note, visit AVTECH.com or contact your Product Specialist.

To use your Light Tower w/Audio with the Room Alert 4E model, connect it directly to the Room Alert 4E's custom port.

Attach both connectors on the Light Tower's custom cable to the custom port on the Light Tower & Relay Adapter.

The larger connector is for the Light Tower's LEDs, while the smaller one is for its audio, as shown here.

Audio | **LEDs**
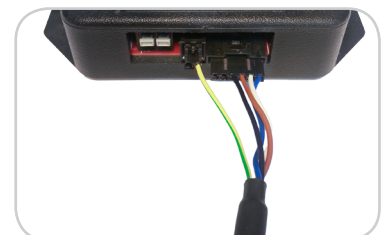
Adjust Your Light Tower's Audio Output

You may raise the volume on the Light Tower by unscrewing the top cover by up to 1 ½ turns. (Don't unscrew it more than 1 ½ turns or the cover may come off.)

For maximum volume, you may rotate the center plug on the cover approximately 180° and remove the plug.

Center Plug

Top Cover

> In Room Alert's web interface, you will see Audio 1 and Audio 2 as options for the Light Tower. Please note that the current model has Audio 1 only. Audio 2 applies to a previous model of the Light Tower w/Audio.

Extend Your Light Tower's Custom Cable

With the 25' **Light Tower w/Audio Extension Cable** (ST-025G2-CAB), you may extend the length of your Light Tower's custom cable to better meet the needs of your specific application.

To assemble, loosen the nut holding the custom cable to the Light Tower and detach the cable. Then attach that end of the custom cable to the matching jack on the extension cable, tightening the nut to secure it. Finally, attach the extension cable's connector to the matching jack on the Light Tower, tightening the nut to secure it.

Sensor Features & Specifications

Environment Condition Monitored	
Type Of Sensor	LED & audio output
LEDs	Red, yellow, green
Audio	2.7 KHz +/- 50Hz oscillation frequency Maximum intensity 95 dB at 3.3' (1 m)
Power Supply	Room Alert or Light Tower Adapter (LTA)
Sensor Cable Type	
Custom cable	
Included	Yes
Length	15'
Maximum Extendible Length	100'
Operating Temperature	-4° F to 122° F (-20° C to 50° C)
Maximum Operating Humidity	95% at 122°F (50°C) non-condensing
Compatible Products	
Adapter	Light Tower & Relay Adapter (LTA)
Main Units	Room Alert 32E/W, 12E and 3E (LTA required) Room Alert 4E (no LTA required)

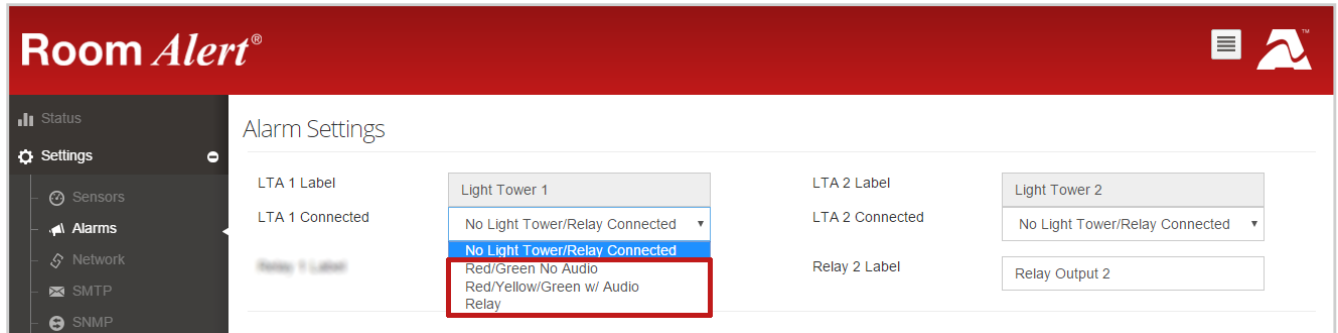AVT-160711-1.0.0

Configure Your Light Tower Or Relay Switch

Use Room Alert's Built-In Web Interface

Navigate to **Settings** → **Alarms** in your Room Alert web interface. Both AVTECH's Light Tower and AVTECH's Relay Switch may be configured on this page. The options you see below will vary depending on your Room Alert model.

1. In *LTA Label*, you may leave the default, "Light Tower 1" or enter something more descriptive of up to 15 characters. You may use the following characters in sensor labels: letters, numbers, spaces, hyphens (-), underscores (_) and periods (.).

2. In *LTA Connected*, select your device from the drop-down list:

   • To configure a **Light Tower**, select either **Red/Green No Audio** or **Red/Yellow/Green w/Audio**, depending on your model.

   • To configure a **Relay Switch**, select **Relay**.

3. Once you select your device, the *LTA Action Configuration* grid populates beneath it. Here you may select **On** or **Off** from the drop-down list. (Note that the *LTA Relay* refers to the relay output port on the Light Tower & Relay Adapter.)
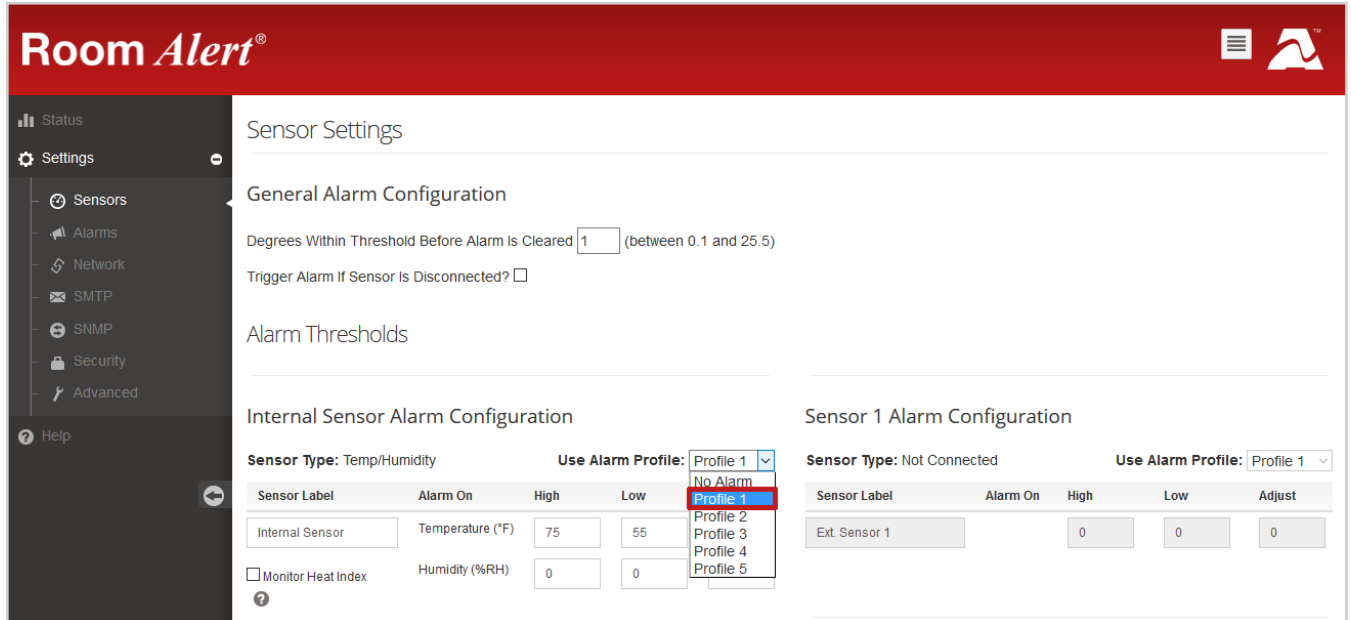
4. Choose a profile from the drop-down menu to configure. The default is **Profile 1**.

   • Select *Profile X* to configure sets of on/off actions to associate with sensors when they go in and out of an alarm state. The default for each feature is **Off**.

   • Select *Boot Profile* to configure what the Light Tower or Relay Switch does in response to the Room Alert rebooting. The default for each feature is **Off**.

Configure Your Light Tower Or Relay Switch

You may now navigate to another page; however, if you close the web interface before the final step, you will lose your changes.

Now navigate to **Settings → Sensors** to associate your profile with a sensor.

1. Find your sensor's interface and choose the profile you've configured from the drop-down list in *Use Alarm Profile*.

2. Select **Save Settings** at the top or bottom of the page. Your Room Alert will automatically reboot and commit your changes.

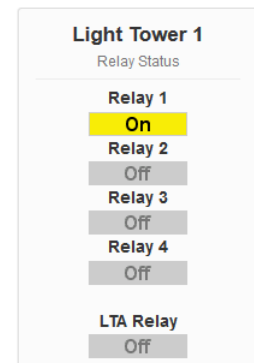**Manually Controlling Light Tower Or Relay Output**

Light Tower

You may also control your Light Tower or Relay Switch manually by navigating to **Settings→Status** in your Room Alert web interface and scrolling down to the *Light Towers and Relays* section. There you'll see the *Light Tower* or *Relay Status* box, both shown here.

Click on the appropriate image to toggle your device's features on and off. Here you see the red LED for the Light Tower manually toggled on and the 1st relay on the Relay Switch manually toggled on.

Relay

AVT-171211-1.1.0