

Contents

Part 1: How To Install a bt System

- 2-3 bt Family of Fixtures
- 4-7 bt Laws and Tips

Part 2: How To Setup a bt System

- The bt App
- g Basic Operations
- 10-13 Secured Networks
 - 14 Naming Fixtures
- 15 Custom Preset Color
- 16-19 Creating Groups
- **20-21** Upgrading Firmware

Part 3: Troubleshooting a bt System

- 22-23 Laws Review
- 23 bt Reset

Install an Entire Job with bt Products





DL200-bt

The perfect down light for

columns and patio covers.

ALSTEM18-bt ALSTEM12-bt

FL200-bt

Extra powerful flood light with a 120° beam spread.

Light up an area with this bt stem. Hat sold separately



FL50-bt

0

HL100-bt

Hanging light with

18" chain and an easy

Powerful and compact

flood light. Use as an

accent light or wall wash

PL100-bt

Stem and hat combo path light. Fully adjustable for maximum versatility.







WL400-bt

well light.



UL100-bt

Underwater light that adds color to small water features. Includes external antenna.



GL300-bt

Ground light available with seven different tops. paths and posts



GL-bt

GL-bt
Ground light available

paths and posts.

HL200-bt

Hanging light with 18" chain and a twinkle cut shroud



SL25-bt/SL35-bt

Step lights available in 6" and 9.5" widths.

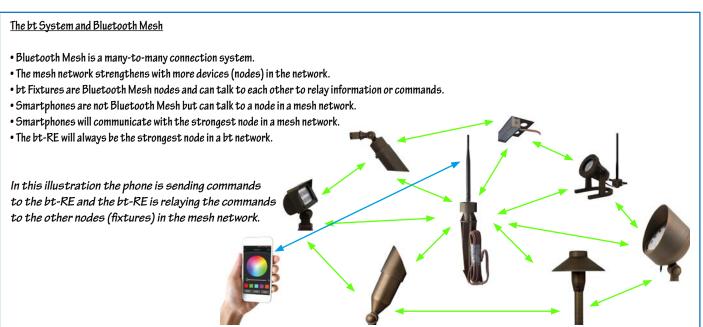


SL50-bt/SL60-bt

Small ledge light for wall caps, fences and seat walls. Install under the cap (SL50-bt)

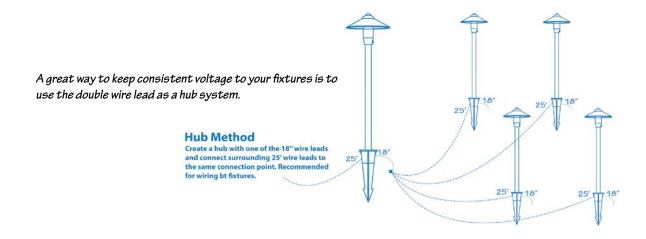
Law 1. Install a bt-RE on every bt job

- No matter how many bt fixtures are on the job, a bt-RE will always increase communication.
- Be sure to put it in the same network as the fixtures they should connect to.
- Use multiple if needed.



Law 2. bt Fixtures need 10-14 volts

- Group multiple 25' wire leads with an 18" lead to reduce voltage drop
- Do not daisy chain more than 8 fixtures on a run
- bt Fixtures can light up at very low voltage, but they will not communicate under 10 volts.



Law 3. Don't overload the transformer

- 30 bt fixtures on a 300 watt transformer, 15 bt fixtures on a 150 watt transformer
- bt fixtures vary between 4 and 11 watts depending on color and intensity settings

Visit our online video library to learn more about the bt family of products. www.allianceoutdoorlighting.com/bt-support

Pro Tip 1: Use the nRF Connect App

- Free app that detects Bluetooth devices and their network
- Confirms signals and identifies networks.

In this screenshot the bt-RE shows up as a device in the network "Back Yard." This will help the installer and end user if they ever need to confirm the name of a network or confirm that the fixture is outputting a signal.

A bt fixture in the default ALLIANCE network will show up as "FULIFE" in the nRF connect app.



Pro Tip 2: Check the Voltage

- Use a voltmeter to confirm 10-14 volts
- Use a transformer with multiple taps, use higher voltage taps if more voltage is needed.

Pro Tip 3: Do a Color Test

- Check that the system works properly with all colors at full brightness.
- Different fixtures have a highest wattage consumer, for example the BL200-bt consumes the most wattage with colors such as purple, teal and pink while the BL400-bt consumes the most wattage when set to 2700K.

Pro Tip 4: Create Secured Networks

- Block access from unwanted users.
- Separates twins and assigns proper icons to different fixtures and range extenders
- Use the end user's phone to create the network
- Take a screenshot of the QR code and send it to the end user if they are not available during the initial setup.



9

Getting Started: Download the bt app

- Available in the Apple App Store and Android Google Play Store
- Search "Alliance bt" and download the app with the blue icon
- Or, scan the QR codes below to go directly to the download page









Download from Apple Devices

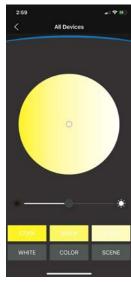




Download from Android Devices

Basic Functions of the bt App

PLEASE NOTE: A fixture that is turned off with the icon on the main page will come back on when the transformer comes on. However, a fixture that is dimmed all the way down will remained dimmed when the transformer comes back on. If dimmed to "off" the fixture will remain off.



Color temperature can be adjusted with preset buttons. A color wheel can also be used for more precise adjustments. Dimming is adjusted with the slider.



RGB colors can be selected with preset buttons for red, green, blue, purple, and amber. Customized default colors can be created by clicking and holding down on a default color. A RGB wheel can also be used to select additional colors. Dimming is adjusted with the slider.



Preset scenes can be selected for season and holidays. Custom scenes can be created by clicking and holding on a scene. Color cycle times can be adjusted with the slider.

Secured Networks

IMPORTANT TO KNOW

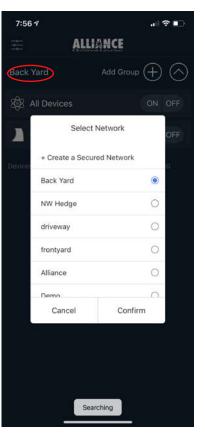
- A secured network ensures that only those with permission can access the bt lighting system.
- Once a fixture has been added to a secured network, that fixture is now locked into that secured network and will not be able to be controlled from the default home/Alliance network.
- If a secured network is deleted while a fixture is still attached to that network, the user will not be able to access that fixture from the default home network.
- It is very important to remove all fixtures from a secured network before deleting a secured network.

Network Selector

When the app starts up the first screen that pops up is the network selector.

This will show you a list of networks that have already been created as well as the default home (Alliance) and a Demo mode.

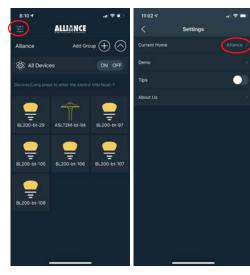
To access this selector from the dashboard, click on the network name towards the top left corner.



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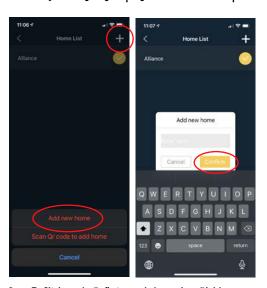
Creating a Secured Network

PLEASE NOTE: If you plan to create a secured network, and you also plan to name your fixtures and create groups, you should create the secured network first. When you put fixtures into a secured network, they will lose any naming or grouping that was created prior to being placed into the secured network.

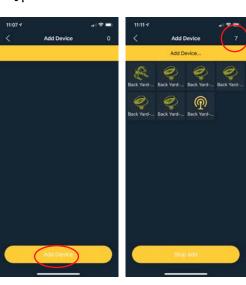


of the dashboard. (Shown circled in red)

Step 1: Click on the settings Step 2: Click on the name button in the top left corner of the current home. This will bring up your list of available networks.



Step 3: Click on the "+" sign and then select "Add new home" to create a new network. Name the secured network. Record the network name that has been created for future reference. Click the "Confirm" button to complete naming the network. The network name is limited to 10 characters.

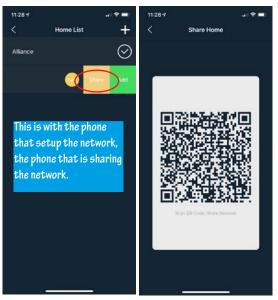


Step 4: Click on the "Add Device" button and walk around to the bt devices being added to the network. The number in the top right corner will update as the fixtures are added, indicating how many fixtures have been added.

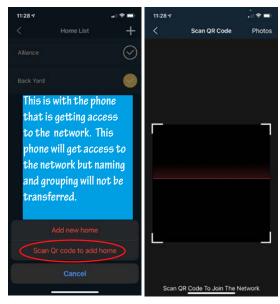
13

Sharing a Secured Network

PLEASE NOTE: Sharing a secured network with another user allows them to access and control the fixtures, however, it does not transfer any naming or grouping.



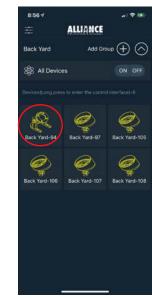
Step 1: With the device that originally set up the secured network, click and drag left on your the network you want to share until you see a green box and a yellow box. Click on the yellow "Share" box to bring up the QR code.



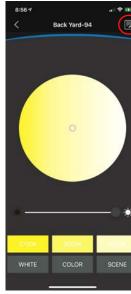
Step 2: Using the device that you want to share the secured network with, click on the "+" sign and then select "Scan QR code add home" to scan the QR code from the original device. Once the QR code is scanned, the secured network is shared.

Removing a device from a Secured Network

PLEASE NOTE: Removing a device from a secured network is the only way to make it accessible to the default home again. Deleting a secured network without removing the devices that are attached to it first will cause the devices to be inaccessible.



Step 1: Long press on the icon of the lamp you want to remove to bring up the control panel.

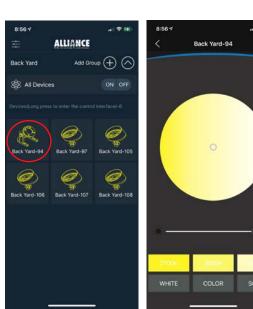


Step 2: Click on the page icon in the upper right corner to bring up the edit device panel.



Step 3: Click on the red "Remove present device" button to remove the device from the network.

How to Customize Preset Colors and Scenes



Step 1: From the home screen, Step 2: Click on the page icon long press on the icon of the lamp you want to rename to bring up the control panel.

in the upper right corner to bring up the edit device panel.



Step 3: Click on the current device name to bring up the input device name window.



Step 4: Use the keyboard to name the fixture and then click the dashboard. the yellow "Confirm" box.



The fixture is now renamed in



Step 1: From the control

block you would like to

customize.

panel, long press the color

Step 2: From the color wheel,

choose the color you would like

to make the new preset. The

fixture will change to the se-

lected color. Click the "Save"

button to set the new preset.

The new color is now the

preset option.

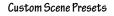




















To revert back to the default presets for CCT and RGB colors, long press on the color block, then click on "Restore default data."

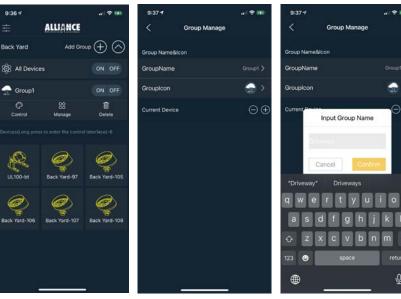
Group Manage



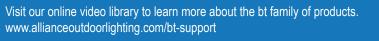
upper right corner.

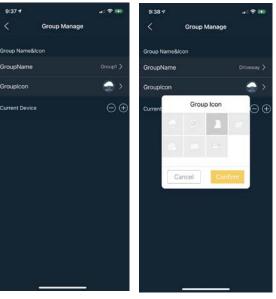


Step 1: From the home screen, Step 2: Click on the group you want to control to bring up the click on the "+" sign next to options panel. Select "Manage" to bring up the group manage "Add Group." To see all your groups, click on the icon in the



Step 3: Click on the "GroupName" to bring up the "Input Group Name" window. Use the keyboard to name the group and then click the yellow "Confirm" box.

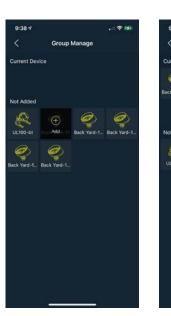




Step 4: Click on the "GroupIcon" button and select an icon from the pop up window and then click the yellow "Confirm" box.



Step 5: Click on the "+" sign to the right of where it says "current device" to bring up the add device to group panel.



Step 6: Double click on the icons for the fixtures you want to add to the group. A single click will bring up a "+" sign over the icon, a second click will confirm that you want the fixture added to the group. The fixture will blink off and on as it is being added to the group.



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19)

Working with Groups

- A single fixture can be in multiple groups.
- A single fixture in a group can be controlled individually or within the group.
- Every fixture will follow with the last command it was given. When the fixture turns off and comes back on it will hold the setting of the last command it was given.
- Groups are different from secured networks, a group will be a part of a secured network. You may prefer to "Group" your fixtures as separate secured networks, for example "Front Yard" and "Back Yard."



Step 1: From the home screen, click on the group you want to control. In this example a quick click on "Driveway" will bring up the group control panel.



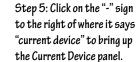
Step 2: Click "Control" in the menu that pops down to bring up the control panels for CCT, RGB and Scene options.

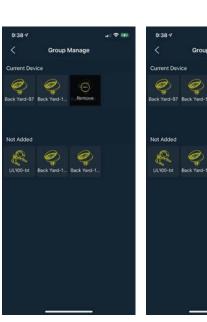
Removing a device from a Secured Network



Step 4: Click on the Group button and select "Manage" from the pop down menu to bring up the Group Manage panel.







Step 3: Double click on the icons for the fixtures you want to delete from the group. A single click will bring up a "-" sign over the icon, a second click will confirm that you want the fixture deleted from the group.

How to Update Firmware

- Firmware controls how the bt fixture behaves during commands, most noticeably in the "Scenes" mode.
- Firmware does not need to be updated for basic functions of the bt app.
- The original bt firmware is 1.45, these fixtures can have their firmware updated by using an OTA process.
- If different bt fixtures have different firmware the scene cycles might not sync up.
- Firmware can be updated but cannot be reverted.
- Only one fixture can be updated at a time.
- The fixture needs to be on and the device needs to be very close to the fixture during the update process.



Step 1: From the home screen, long press on the icon of the fixture that you want to update.



Step 2: Make note of the firmware version that appears at the bottom of the screen. Click on the page icon in the top right corner to bring up the Edit Device panel.

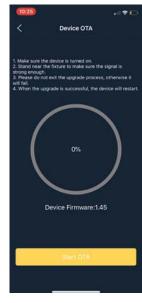


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Step 3: Make note of the firmware version that appears at the bottome of the screen. Click on "Device Firmware" to bring up the Device OTA panel.

1.45



Step 4: Read the on-screen instructions then click on the "Start OTA" button.



Step 5: Stay near the fixture during the update process. The screen will show the progress of the process. When the update is successful the fixture will blink a few times.

Success



If you are experiencing the following scenario:

Lights are not on

Then follow these troubleshooting steps

- 1. Make sure the transformer is on.
- 2. Make sure the fixtures are not dimmed all the way down. A fixture that is turned off with the icon on the main page will come back on when the transformer comes on. A fixture that is dimmed all the way down will remained dim when the transformer comes back on.

If you are experiencing the following scenarios:

- Fixtures appear and reappear on the screen
- Cannot find specific fixtures
- Losing connection to fixtures

Then please refer to Law 1:

Law 1. Install a bt-RE on every bt job

- A bt-RE should be on every job no matter how big or small.
- The bt-RE must be in the same network as the fixtures it is supposed to control.
- There is no limit to how many bt-RE's can be installed.
- The bt-RE should have a clear line of site to the bt fixtures.
- A green LED indicator on the bt-RE means that it is in a secured network

And Law 2:

Law 2, bt Fixtures need 10-14 volts

• A bt fixture can illuminate under 10 volts, but the signal needs 10 volts to be strong enough to communicate.

If you are experiencing the following scenarios:

I can not find my fixtures anymore

Then please follow these troubleshooting steps:

- 1. Use the nRF connect app to identify your network(s), the lights must be on while you scan (pg 6)
- 2. Confirm you are using the same network in the bt app (if you no longer have that network move on to step 3)
- 3. Re-create the secured network using the exact spelling (upper case and lower case dependent) (page 11)

Perform a system reset to set all your fixtures back to the default network.

- 1. The reset is done at the transformer.
- 2. Timing is very important, it is better to follow along with the video found in the video library (QR code and web address below.)
- 3. Start in the off position
- 4. Turn on for 2 seconds then turn off.
- 5. Turn on for 2 seconds then turn off.
- 6. Turn on for 8 seconds then turn off.
- 7. Turn on after 2 seconds.
- 8. Lights will blink when the reset is succesful.



Visit our online video library to learn more about the bt family of products.



West Coast Hub: Temecula, California East Coast Hub: Sanford, Florida