NOTIFIER®
by Honeywell

SWIFT®

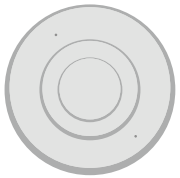
LINK TEST QUICK START GUIDE

REQUIRED TOOLS AND EQUIPMENT TO PERFORM LINK TEST

Small Flathead Screwdriver

Batteries

CR123A 3v
(Panasonic or Duracell)
One per each device



2 or more SWIFT Devices

All SWIFT devices must be in factory default.

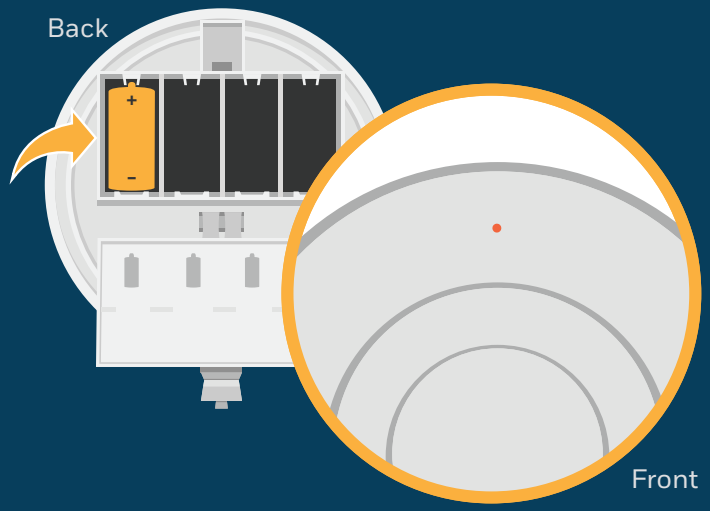
SWIFT Device Bases

OPTIONAL TOOLS TO ANALYZE LINK TEST DATA

Windows Laptop with
SWIFT Tools Version 2.01

May need to be updated before use with SWIFT Tools. SWIFT Tools will automatically update the W-USB.

BEFORE PERFORMING A LINK TEST



Make sure devices are in Factory Default

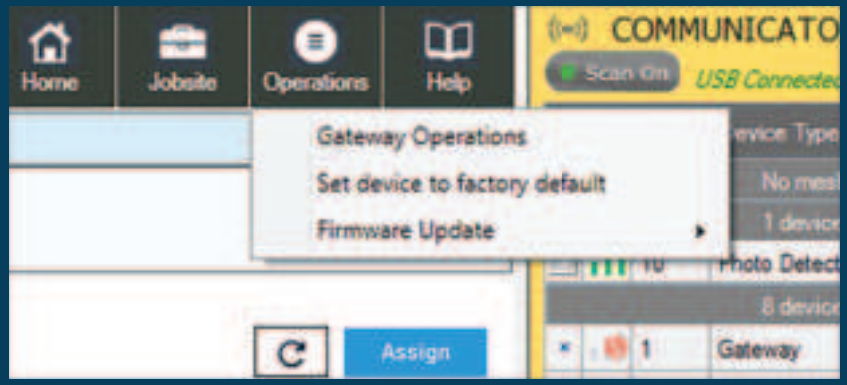
With the code wheels set to 000, insert one battery into the device. The LED on the front will blink red if the device is in factory default.

If the device is not in factory default, follow the process on the next page.

RESET DEVICES TO FACTORY DEFAULT

Using SWIFT tools:

1. Insert the W-USB dongle into your computer and launch the SWIFT Tools application.
2. On the home screen you can select **Site Survey**, **Create Mesh Network**, or **Diagnostics**.
3. Click **Operations** and select **Set device to factory default.**
4. You are now on the Reset Devices screen. Select the desired device, and click **Reset**.

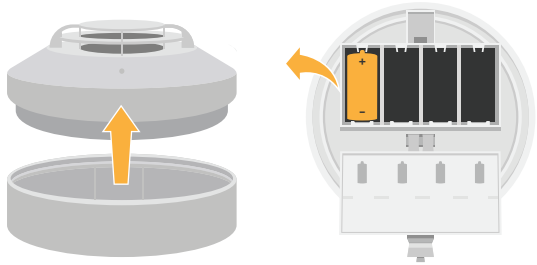


Manually:

1. Start with the device powered off.
2. Insert one single battery into any slot in the device. The LED will blink yellow once every 5 seconds for a minute.
3. Turn the SLC address wheels using a common screwdriver to 0, then to 159, then back to 0.
4. The device will blink green five times, followed by a single or double red blink. This is your confirmation the device is now on factory default.

WIRELESS DEVICE PREP

1. Tamper each devices by removing the base or cover plate and remove batteries.

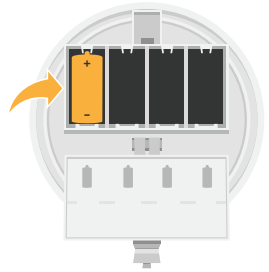


2. Use a screwdriver to address each device. Addresses must be between 001-100, and must be in ascending order. For example, if the first device is addressed 001, the second device should be 002. When the link test begins, each device will test the link between itself and the next lowest address.

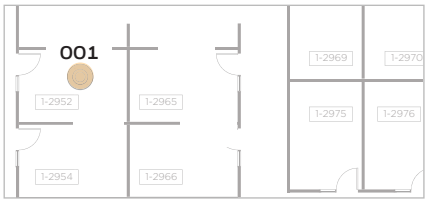
CONDUCT LINK TEST

1. Insert one battery to power up the device with the lowest address.

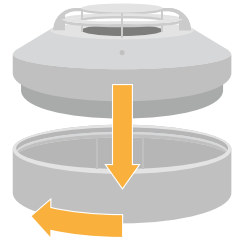
   Note: You can insert the battery into any slot on the device. Also once the battery is inserted the device LEDs will blink twice every 5 seconds. If the devices is not showing this pattern, it must be set to factory default, see previous page.



2. Take the device to the exact location where you plan to install it, in order to increase accuracy of the link test.

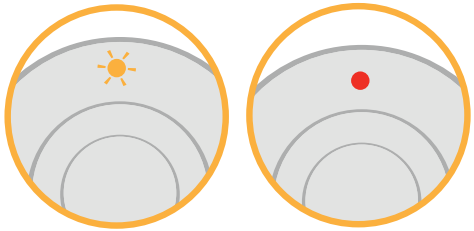


3. Twist the device into its base.



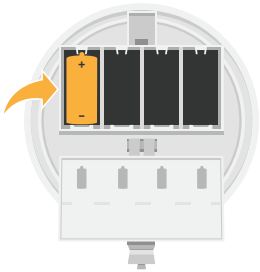
4 **Observe LED pattern.**

It will blink yellow once every half second for about 20 seconds. Then turn solid red. The device is now ready to perform a link test to the device with the next highest SLC address. This device will be setup in step 5.

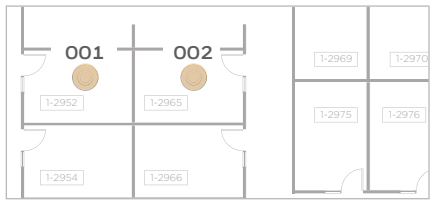


5 **Insert one battery to power up the device with the next highest address.**

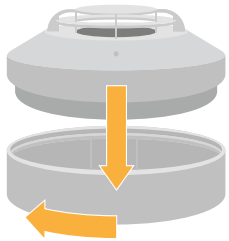
For example: 002 if the first device that was placed was 001.



6 **Take the device to the exact location where you plan to install it in order to increase accuracy of the link test.**

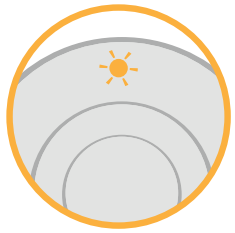


7 **Twist the device into its base.**



8 **Observe the progress of the link test.**

The LEDs on the device will blink once every half second for 20 seconds. After this, the results of the link test can be observed.



9 **Observe Link Test results.**

- **4 blinks** = Excellent link
- **3 blinks** = Good link
- **2 blinks** = Marginal link
- **1 blinks** = Poor link
- **Sold Red** = No Link

10 To test additional links, repeat steps 6-9 while the first and second devices are still mounted in their locations.

ANALYZE LINK TEST DATA IN SWIFT TOOLS (OPTIONAL)

1. Insert the W-USB into your laptop's USB slot. Open SWIFT Tools.

   Note: The W-USB may need to be updated before use with SWIFT Tools. SWIFT Tools will automatically update the W-USB..

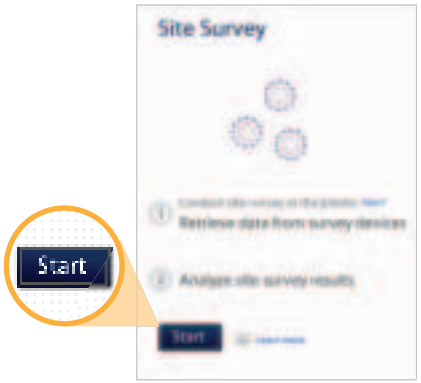
2. Click **Create** in Create New Jobsite

   Note: An existing jobsite can also be used.

3. Enter jobsite information

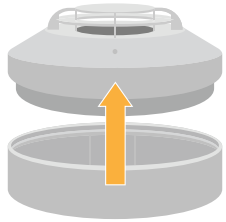
   1. Enter jobsite name and enter location / description
   2. Click **Create**

4. Click the **Start** button under Site Survey.



5. Return devices that have completed the Link Test to factory default by placing them in tamper.

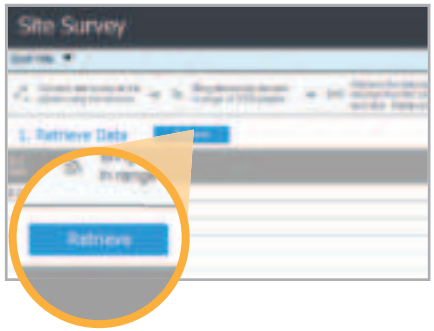
   Caution: Do not place the base or cover plate onto a device that is in the Pending Site Survey state or the existing results will be re-placed. Reference the SWIFT manual for more information.



6. In the Communicator Panel, select the devices you want to retrieve data from.

Note: Only devices that have site survey data can be selected. Devices collect site survey data by performing an RF Scan or Link Quality Test as discussed on pages 5 & 6.

7 Click the **Retrieve** button.

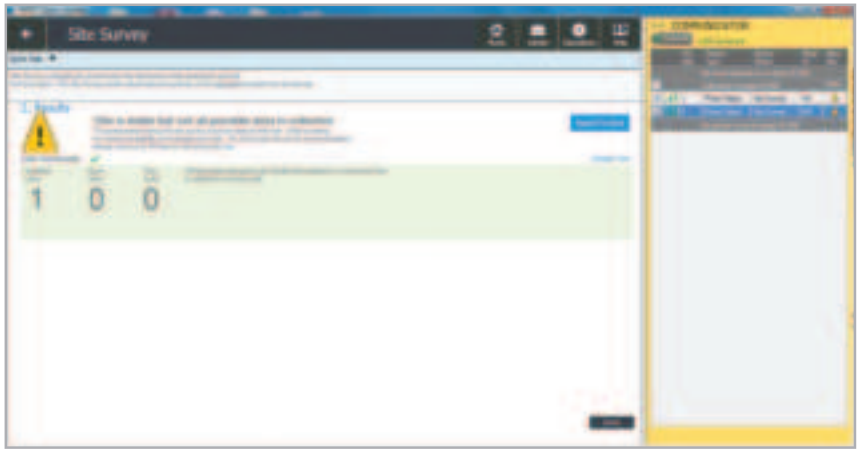


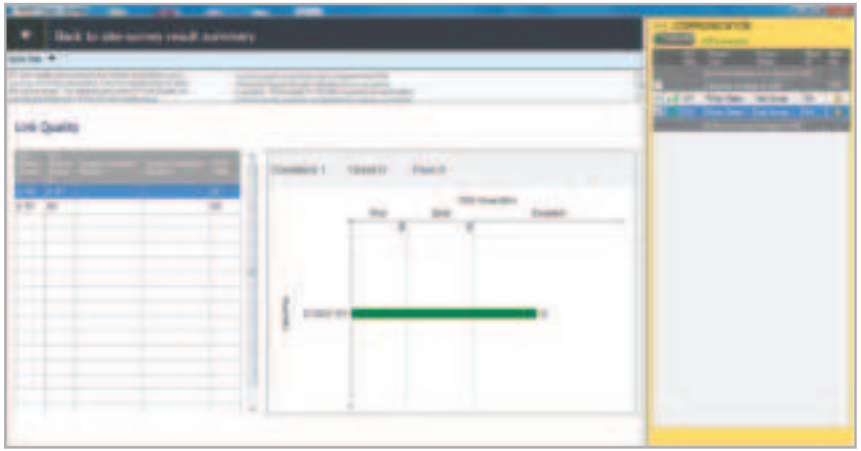
8 Once the data is retrieved, click the **Next** button near the bottom right of the screen to view the results of your link test.

9 View your Link Test results.

To view more detailed results, click on **Detailed View**.
To export date to an Excel spreadsheet, click **Export to Excel**

Note: Link Test data will only appear on SWIFT if a full Link Test was completed on the selected devices.





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