Upgrade instruction for Fluke ii900/ii910 units
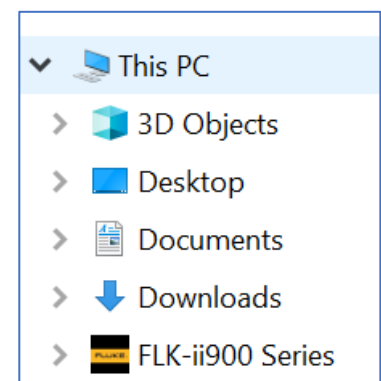
Equipment

- A Windows-PC. The firmware file that will be provided needs to be copied to this PC.

- BP291 battery that comes with ii900 Series

- USB-C cable that comes with ii900 Series
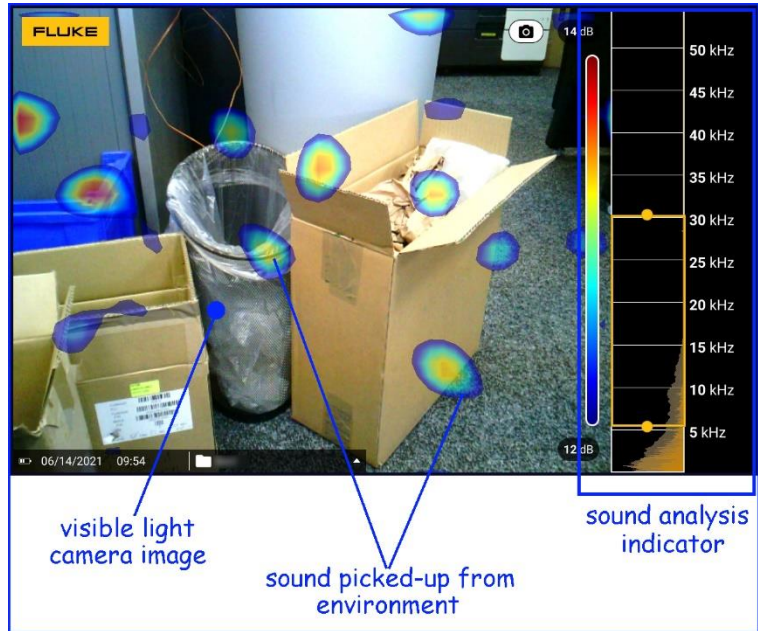

Preparation for upgrading multiple units

- Use a BP291 battery that comes with the ii900 series battery (e.g. from one of the units) and make sure it is charged to a level of 25%, or more.

- Use a USB-C cable (included with each ii900 Series) to connect Fluke ii900 series units to the USB port of a PC

Upgrading units

- Open the packaging, take case out of the box and take unit out of the case.

- Open battery door, put battery in the unit, close battery door

- Power on the Fluke ii900/ii910. Note that it may take about 15…20 seconds before the unit shows anything on screen.

- Connect the USB cable to the ii9x0 and to a USB-port of the PC

- On the PC, open Explorer and notice that a new device 'FLK-ii900-Series' (or -ii910-) is now listed in the list of drives and devices (see picture).

- Copy the new firmware file named *(filename).SWU* file from the PC to the root folder ('User Data') of the Fluke ii9x0 Series imager.

- Once copied, the ii9x0 screen will show message, telling you that a firmware update file is recognized, unit want to upgrade

- Tap 'Yes' to confirm and start the firmware update. This may take a few minutes (2 - 4 min. approx.)

- Once fully installed, a message will show on screen of the ii9x0, telling you that the unit is about to restart

- Touch "OK" to activate the restart. The Fluke ii900 Series unit will turn off and then on again. Like before, it may take over 15…20 seconds before the screen becomes active

- Verify that the new firmware has been loaded indeed: tap the screen, this will open a menu bar at the left, tap Settings, tap 'Imager Info'. This will open a screen showing Model, Serial Number, and OS. This line should indicate the newly released firmware version (e.g: V4.6.168.x).

- Take off the grey cover that sits over the microphone array at the front of the imager

- Check to see if the unit shows a camera image as well as the sound bar indicator, see image at the right.
  Sounds received from the environment may result in colored 'blobs' on screen.

- If all is correct, turn off the unit by pressing the ON/OFF key and tapping 'OK'

- Disconnect the USB-cable, place back the mic array cover over the mic array, take out the battery, place back the battery cover and lock it

- Place the battery pack and USB cable back in the case if appropriate. Please note: each ii900 and ii910 comes with 2 battery packs included, either 2x Fluke BP291, or 2x RRC-2040-2, not mixed.

- Put instrument back in the case, put all accessories back in the carrying case and close the case

- Place case in the packaging, close the packaging

- If you're handling multiple units: place a small tick-mark on the packaging box as a visual indicator that this one has been through the upgrade, e.g. a dot on the box label using a marker pen

<p align="center">Done!</p>