Short Manual

Creating an account

Before you can start using PhotosynQ, you will need to create an account on the PhotosynQ website.

1. You can create an account following this link, or go to https://photosynq.org and click on the 'sign up' button in the upper right corner of the website.
2. Create a username and password for your account. This login will be used across the PhotosynQ platform.
3. Check your email for a confirmation.
    - If you do not see it, check your spam folder.
    - Once you confirm, your account will be been created!
4. Now go back to the website or app and sign in.

Install Software

Android App

1. Search for **PhotosynQ** in the Google Play store.
2. Tab the **Install** button. Check your permissions and **Accept**

Desktop App

1. Search for ***PhotosynQ*** in the Chrome Web Store.
2. Click on **ADD TO CHROME**. Check your permissions and click on **Add app**

Connect an Instrument

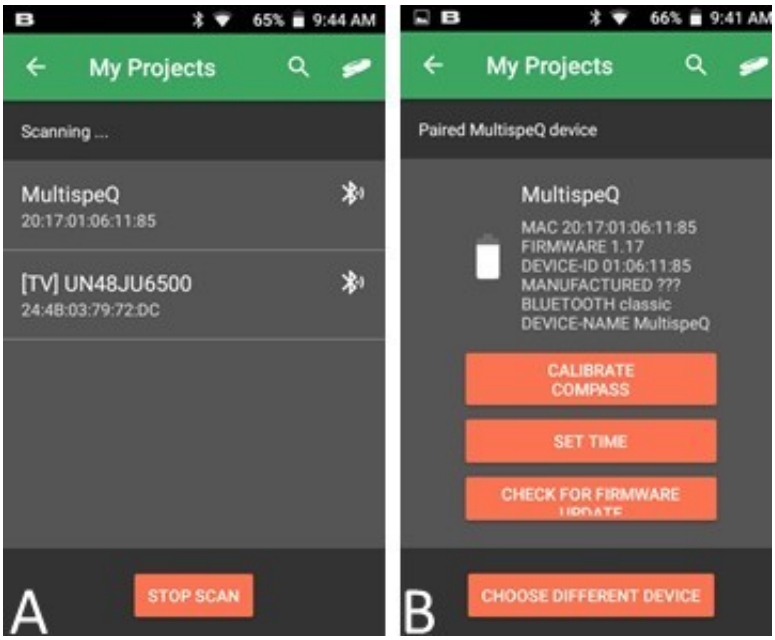
You can use Bluetooth or USB to connect your Instrument with your device. Depending on the instrument and device, some connection options may not be available.

Before connecting your MultispeQ to the Android or Desktop App you need to turn on the MultispeQ by pressing and holding the power button for 5 seconds. There is no indicator light to let you know if it is turned on.

Connect an Instrument: The arrow indicates the power and reset button.

Android App

1. Open the app and sign in with your email and password. Wait until all data is synced.
2. In the app, select the instrument icon on the top right corner.
3. A list of available Bluetooth instruments will appear.
4. Below the Instrument name will be its ID. This should match the MAC address on your instrument (screen A, below)
    - If your instrument does not appear, click on **SCAN DEVICES**
    - You may have to click **SCAN DEVICES** multiple times before your instrument appears.
5. Select on the appropriate instrument.
6. A pop-up will appear asking to pair the device by entering the instrument PIN. **The PIN is 1234 and is the same for every MultispeQ.**
7. After pairing the MultispeQ, you will be taken back to the Device list. Select your MultispeQ from the list, if the screen B (below) appears your device is connected.



Android - Bluetooth: (A) Scanning for MultispeQ devices. (B) Information about the connected device.

Desktop App

Open the app and sign in with your email and password. Wait until all data is synced.

USB

1. Select **Settings** from the left menu bar.
2. Choose the **Device** tab from the dialog.
3. Pick the port the Instrument is connected to from the dropdown menu:
    - Windows: **COM{number}**
    - Mac OS: **usbmodem{number}**
    - Linux: **ACM{number}**
4. Connect the device by clicking on **Connect**.

Bluetooth

1. Make sure you have your Instrument connected to your Device through your OS preferences. The code for pairing is **1234**.
2. Select **Settings** from the left menu bar.
3. Choose the **Device** tab from the dialog.
4. Pick the port the Instrument is connected to from the dropdown menu:
    - Windows: **COM{number}**

    - Mac OS: **Devicename_{number}**
5. Connect the device by clicking on **Connect**.

You are now ready to take measurements with your MultispeQ!

If you are having trouble connecting to the MultispeQ, please look for trouble shooting tips in the help center

Take a Measurement

Android App

1. Open the menu and select **Quick Measurements**
2. Select the **Leaf Photosynthesis MultispeQ V1.0** protocol
3. Wait for the measurement to be finished
4. A trace will appear and some calculated values

Make sure your device is connected, before you start taking the measurement.

Desktop App

1. Select **Protocols** from the side bar
2. Select the **Leaf Photosynthesis MultispeQ V1.0** protocol from the table
3. Click on the **Run** button in the side bar on the right under the Protocol title.
4. Wait for the measurement to be finished
5. A trace will appear and some calculated values

Make sure your device is connected, before you start taking the measurement.

§ 15.19 Labelling requirements.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

§ 15.21 Information to user.

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

§ 15.105 Information to the user.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.

*** RF warning for Portable device:**

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.