

# Quick-Start Guide for the Apex2 Plus & Pro



The Airwave software allows you to control and check the pump's status and measurement progress without disturbing the wearer, who may be performing a critical task or be unavailable.

## Setting Up the Airwave App with an Apex2

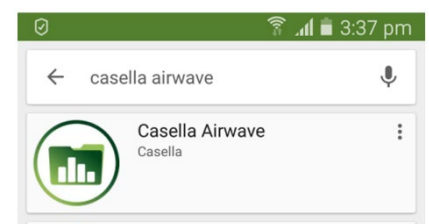
Connecting your **Apex2 Plus** or **Apex2 Pro** to the Casella Airwave app is straightforward. The pump uses Bluetooth® for **automatic pairing**, allowing you to monitor and control sampling remotely from a compatible smartphone or tablet.

### Step 1: Prepare the Apex2 Pump

- Switch on the Apex2 and make sure it is in **Stop mode** — it must not be actively running a sample.
- Check the pump's main screen for the **Bluetooth® icon**. If Bluetooth is switched off, use the four-button keypad to navigate to: **Main Menu** → **Configuration** → **Bluetooth** → **On**

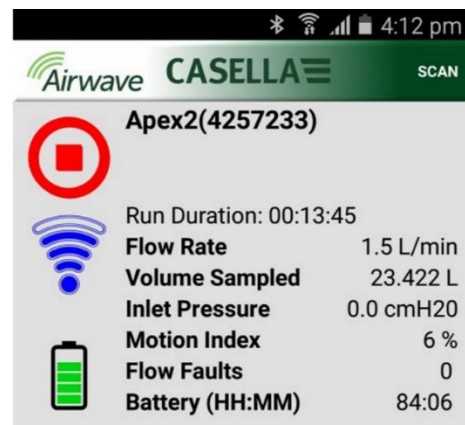
### Step 2: Prepare Your Mobile Device

- Download and install the free **Casella Airwave app** from the Google Play Store or Apple App Store.
- **Turn on Bluetooth** in your phone or tablet's settings.
- Ensure Location Services/Permissions are enabled if required by your device. These permissions may be required for Bluetooth Low Energy (BLE) device scanning.



## Step 3: Connect the Apex2 to Airwave

- Open the **Casella Airwave** app.
- The Apex2 should appear on the **Airwave Dashboard** when Bluetooth is enabled and the pump is within range.
- If necessary, tap **Scan** to search for nearby Casella instruments.
- Locate your Apex2 in the list — it will normally be **identified by its serial number**.
- Tap the instrument to **connect and pair it while the pump is in Stop mode**.
- Once paired, the connected mobile device becomes authorised to connect to the pump when a sampling run begins, helping to keep the sampling data secure.



## Step 4: Monitor and Control the Pump

- Once connected, tap the instrument on the Dashboard to open its **Control Panel**.
- Depending on the Apex2 model, you can **view live information** including runtime, battery, inlet pressure and motion data, etc.
- You can also remotely **Start, Pause** or **Stop** a sampling run. The control functions use a **3-2-1 countdown** to help prevent accidental activation.
- Remote monitoring is particularly useful when sampling in confined spaces or when you need to check on a worker without interrupting their task.



## Step 5: View and Share Results

When the sampling run is complete, Airwave allows you to **copy results to the Clipboard** for use in another application or **send results directly by email** from within the app.

This provides a quick way to review sampling data and share results while still in the field.

For more detailed information, refer to pages 23 – 25 of the [Apex2IS Handbook](#)

