Airgain ®

AIRGAINCONNECT® GO-KIT PRO

User Guide

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1   Introduction

The AirgainConnect Go-Kit Pro (Go-Kit) is a portable, industrial-grade connectivity solution in a ruggedized and functional case. Its onboard AC-Fleet device provides wireless and wired connectivity for up to continuous 15 hours using the included 27,600mAh battery:

27,600mAh battery (Anker A1340)
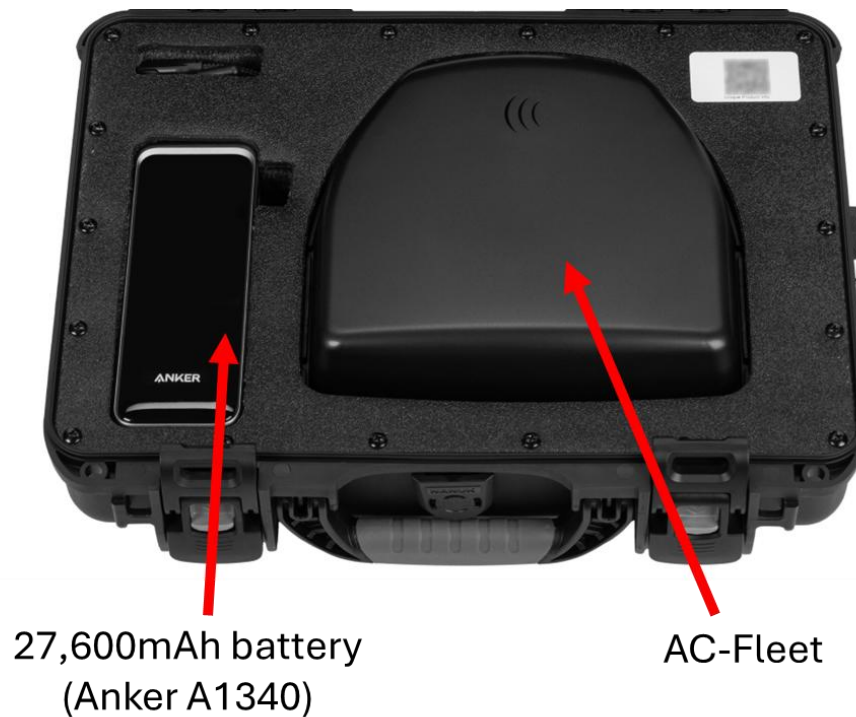
AC-Fleet

Figure 1 – Go-Kit with 27,600mAh battery and AC-Fleet device.

The ruggedized case and AC-Fleet device provide the following features and functionality:

- Connectivity:
  - Wi-Fi 6 and 5G
  - Gigabit Ethernet port for connecting to a wired device or external switch/router
- Routing and firewall capabilities
- GPS/GNSS
- Integrated antennas
- On-off power control
- Fan that automatically activates when temperatures rise above 95° F (35° C) and deactivates when temperatures return to normal, or when the unit is turned off
- USB-C power port on the back panel

Note: The unit can operate and charge the battery at the same time, but the battery will not charge if the temperature exceeds 122° F (50° C).

2   Overview

The images below highlight key aspects of the Go-Kit's case and onboard components:

Figure 2 – Top panel of the case.

Air vent for fan, open this when in operation

Figure 3 – Left side of the case, showing the location of the air vent.

Air vent for fan, open this when in operation

Gigabit Ethernet port with cover

Figure 4 – Right side of the case, showing the other air vent and Ethernet port.

USB-C power delivery charge port for standard USB-C charger, the case can operate and charge at the same time

Figure 5 – Rear of the case, showing the USB-C charging port.

Battery Multi-Function Display

Button to cycle through Battery Menu.

Figure 6 – Battery display and multi-function button to cycle the menu.

Connect cables to turn "On"

Unplug cables to turn "Off"

Figure 7 – Location of the power cable that connects the battery to the AC-Fleet.

3   Quick-Start Guide

The following subsections describe how to use the Go-Kit:

- Prepare the Go-Kit
- Activate and Connect to the Go-Kit

3.1   Prepare the Go-Kit

Follow these steps to check the Go-Kit's battery and prepare the AC-Fleet for use:

1. Place the kit on a flat surface with the top side facing up.
2. Pull the latches on the front of the case and open it.
3. Check the battery's status:
   a. Push the button on the right side of the battery to turn on the screen. The first screen on the menu shows the battery's current charge percentage, and the remaining run time:

Figure 8 – Viewing the battery's status.

   b. (Optional) Press the button on the right side of the battery to cycle through the menus and return to the main screen.

c. If the battery needs to be charged, connect a USB-C cable between the USB-C port on the back panel and a USB-C power supply:

Figure 9 – Location of the USB charging port on the Go-Kit's back panel.

4. To turn on the AC-Fleet, connect the Go-Kit's two USB-C cables together:

Connect cables to turn "On"

Figure 10 – Connecting the cables to turn the AC-Fleet on.

Note: The cables must be connected to turn on the AC-Fleet and un-plugged to turn it off. A switch cannot be used because the USB-C power delivery specification does not define a method for power switching a USB-C port while maintaining high-voltage functionality.

5. Open the air vents on the sides of the case. This enables the temperature-controlled fan to pull in cool air.

3.2   Activate and Connect to the Go-Kit

Please refer to the [AC-Fleet Quick Activation Guide](#) for activating the Go-Kit and then follow the subsections below for connecting a device.

- Set up Wireless Connectivity
- Connect to the Go-Kit's Ethernet Port

3.2.1 Set up Wireless Connectivity

Follow the steps below to set up wireless connectivity between a device (e.g., mobile phone, laptop, iPad, etc.) and the Go-Kit:

Note: You can scan the QR code located at the upper-right corner of the kit to obtain serialization and password information (a preloaded Verizon ICCID is listed but not activated by default).

Figure 11 – Left: Location of the QR code; Right: Close-up of the QR code sticker.

Note: If using iPhone you will need to tap the QR code feature when scanning.

Figure 12 – Location of the QR code feature on the iPhone.

1. Open your device's list of Wi-Fi connections and locate the Go-Kit's Wi-Fi access point:
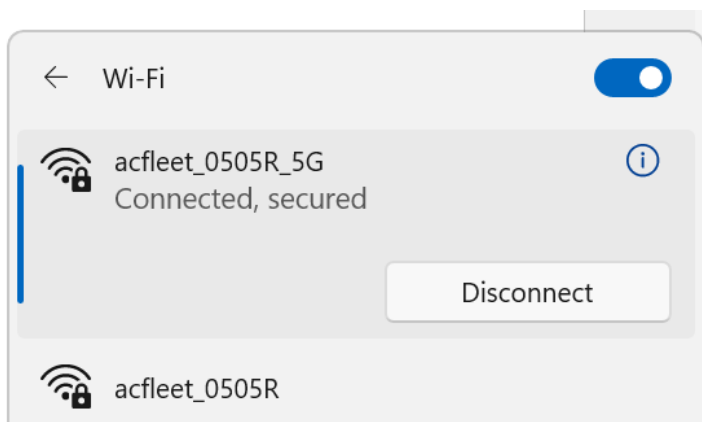

Figure 13 – Locating the Go-Kit's Wi-Fi access point.

The AC-Fleet provides Wi-Fi access points with the following naming conventions:

- "`acfleet_xxxxx_5G`"
    - o This is a 5GHz Wi-Fi access point.
    - o 5GHz Wi-Fi provides high speed, but has a shorter range.
- "`acfleet_xxxxx`"
    - o This is a 2.4GHz Wi-Fi access point.
    - o 2.4GHz Wi-Fi provides lower speed, but a longer range.

2. Connect your device's Wi-Fi to one of the access points listed above.
3. Enter the corresponding Wi-Fi password from scanning the QR code when prompted.

3.2.2 Connect to the Go-Kit's Ethernet Port

To use the Go-Kit's wired Ethernet connectivity:

1. Open the Ethernet port's cover on the right side of the Go-Kit case.

Gigabit Ethernet
port with cover

Figure 14 – Location of the Ethernet port.

2. Connect an Ethernet cable into the Go-Kit's Ethernet port and your device.

4   Support / Questions:

For any questions, please contact Airgain support:
connectivity.support@airgain.com.