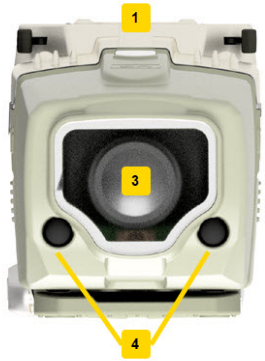
Narfi Tactical Camera Quick Start Guide

Narfi MkI Tactical Camera is a wireless tactical pole camera, with ultra-low-light sensitivity and infrared (IR) night vision, enhances day and night ops by enabling quick threat detection and streaming feeds wirelessly to Ground Control Station (GCS) MkII and wearable tactical screens.





Before You Begin

Before starting, make sure the Narfi MkI and GCS MkII are updated to the latest firmware versions on my.axon.com/s/robotics.

WARNING This Quick Start Guide is not a substitute for reading the operator's manual. To reduce the risk of injury or device misuse, read and understand the operator's manual before using these products.

System Components

Narfi MkI

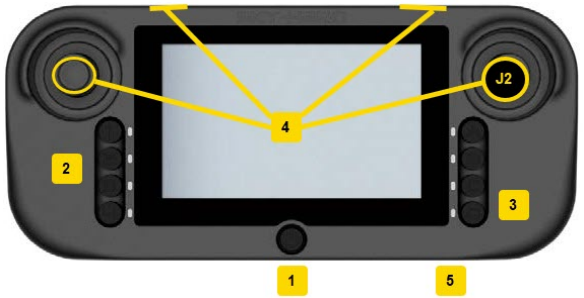


1. ON/OFF Button
2. Binding Button
3. Camera
4. Front IR LEDs
5. USB-C Port
6. Micro SD Card Slot
7. Battery Cover
8. Rotating Plate

Configuration Sources

A small remote ground controller with highly intuitive interface that handles the control and monitoring of multiple unmanned vehicles, including the operation of their sensors and plug-in payloads.

GCS MkII

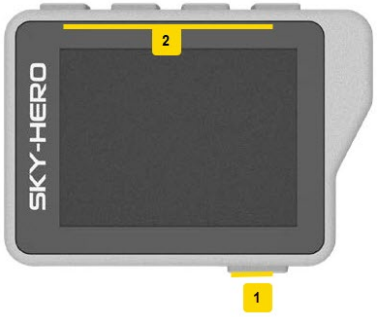


1. ON/OFF Button
2. Devices Selection Buttons
3. GCS Menu Button
4. Action Buttons
5. USB-C Slot
6. Right Joystick

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A compact, multichannel remote screen that mounts on the arm or any support for hands-free use, streaming up to four real-time A/V intel inputs from up to four unmanned vectors in motion or on sentry.

Monitor



1. ON/OFF + Menu Button
2. Settings Selection Buttons
3. USB-C Port



Power and Battery Setup

1. Connect the GCS MkII or Monitor to the included charger using the USB-C port **(5 / 3)**. The LED turns green when fully charged.
2. Insert charged batteries in the Narfi MkI:
   a. Flip up the articulated plate to reach the battery cover. **See Figure 1.**
   b. Remove the battery cover on the back by pressing down on the mechanical lock bar following the arrow on the back, and slide the cover off. **See Figure 1.**
   c. Insert the batteries, ensuring the polarity matches the markings inside the battery compartment and on the cover. **See Figure 2.**
   d. Replace the battery cover and push the lock bar back up to secure the batteries. **See Figure 2.**



FIGURE 1:

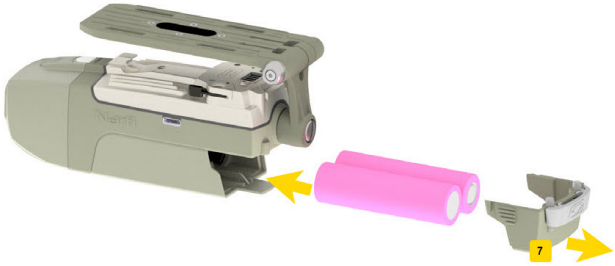


FIGURE 2:

Control and Connect

OPTION A: Using a GCS MkII Controller

1. Power up the GCS MkII by pressing **ON/OFF button** (1).
2. Bind the GCS MkII with the Narfi MkI. **See Figure 3.**
   a. Turn on the Narfi MkI by pressing the main button on the top front of the device **(1)**. The status LED will turn green.
   b. Use the binding key to press the small LED binding button **(2)**, which should have a steady red light, located on the top centre of the Narfi MkI. This LED will start flashing green, indicating it's ready to bind.

c. On the GCS MkII, press **Button D (3)** to enter the menu, navigate to the "Advanced Settings Menu" and select it.
d. Choose "Device Binding" then select the appropriate button you want to assign to the device. In the following screen, select "Loki2, Sigyn, Narfi". "Binding" then "Connecting..." pop-up will appear on the GCS MkII screen, indicating the binding is in progress.
e. Once the binding is successful, the GCS MkII will display the Narfi MkI A/V stream, and the binding LED **(2)** on the Narfi MkI will turn solid green.
f. You can now easily customize the settings of the Narfi MkI by navigating to the "Narfi Settings" option, or trigger any predefined action through the "Command Action" entry in the GCS MkII menu.



FIGURE 3:



FIGURE 4:



FIG. 5



FIG. 6



FIG. 7



FIG. 8



FIG. 9



FIG. 10

OPTION B: Using a tactical remote monitor

1. Activate the Monitor by long-pressing the **ON/OFF button (1)**.
2. Turn on the Narfi MkI by pressing its **ON/OFF button (1).**
3. Link the Monitor **(3)** and the Narfi MkI **(5)** using a USB-C cable. **See Figure 4.** After connecting, the GCS MkII automatically displays the Narfi MkI video feed
4. A "Compliance ---" message will appear on the screen. **See Figure 5.**

- Use the two left buttons at the top of the Monitor (+/-) to choose the appropriate compliance mode for your region: FCC, CE, or Open.
- Save your selection by pressing the right top button.

5. Then, the Monitor will guide you through five setup steps to configure the Narfi MkI for use without the GCS MkII controller. Adjust the selected setting, using the top buttons 1, 2, and 3. Press 4 to cycle through the available settings.
    - **IR** Adjust the intensity of the front-facing IR LED (5% to 100%). **See Figure 6.**
    - **Stealth** Set the Stealth mode to Automatic or Off. **See Figure 7.**
    - **Scrambler** Choose whether the scrambling mode is Off, On, or Inverted. **See Figure 8.**
    - **Channel** Select the channel to link with the Narfi MkI A/V stream. **See Figure 9.**
    - **Power** Set the video signal strength, ranging from 1 (low) to 3 (high). **See Figure 10.**

During these steps, you can also check the battery charge percentage and the current version of the Narfi MkI software by pressing the bottom right button **M**.

6. Once all settings are configured, unplug the USB-C cable from both devices. Keep in mind that settings cannot be modified once the cable is disconnected. To make changes later, reconnect the USB-C cable.
7. The devices are now ready for remote operation, allowing the Monitor to display the A/V stream from the Narfi MkI in real-time.

How to Navigate in the GCS MkII Menu

- Press button **D (3)**: Access or Exit the menu
- **Right Joystick/J2 to the Right**: Go a level down and/or confirm
- **Right Joystick/J2 to the Left**: Go back
- **Right Joystick/J2 Up and Down**: Scroll the menu

Payload Connection

> **Note** Payload operation requires the GCS MkII (not supported via Monitor).

The Narfi MkI is equipped with a payload bracket **(8)** on its top section, featuring a hook at the front and two locks at the rear, along with an electrical pin connection. **See Figure 11.**

1. To attach a payload (such as the Diversionary Sound Payload in this example), first align the front lower part of the payload with the hook.
2. Then, make sure the two rear connectors and pins are properly aligned with their respective slots and press firmly to secure the payload.

You can then activate the options provided by the associated payload using the GCS MkII. Worth noting that the payload cannot be activated when only using the tactical remote monitor associated with the Narfi MkI.

3. To release the payload, simply press the two side black release tabs and slide the payload back to disengage it from the front hook.

Mounting Options

OPTION A: Built-in Mounting System

The Narfi MkI offers flexible operation with its articulated mounting plate **(9)**, which can be rotated and oriented in any direction as previously mentioned. To secure it to any desired surface or gear, use a compatible adhesive like hydrogel-based rubber glue, a magnetic system, or a fastening mechanism that easily integrates with the plate.

OPTION B: Extendable Pole

Attach the supplied pole to the Narfi MkI by screwing it into the threaded mount **(9)**. Once connected, the mounting-plate of the Narfi can still be adjusted to any desired orientation, and the pole can be extended up to 3 m | 9 ft 8 in by pulling it to the required length.

FIG. 11

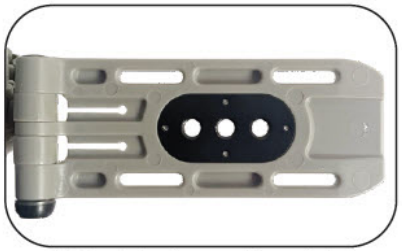




Securely mounted payload

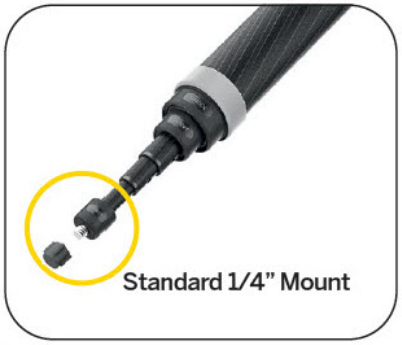
FIG. 12





Articulated mounting plate

FIG. 13



Standard 1/4" Mount



SKY-HERO by AXON

Need assistance or missing any parts?

Reach out to your Axon representative for support.

axon.com/products/axon-sky-hero/distributors