

QUICK START GUIDE | Narfi^{MkII} Tactical Camera

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SYSTEM COMPONENTS

Narfi^{MkII}

A wireless tactical pole camera, with ultra-low-light sensitivity and IR night vision, enhances day and night ops by enabling quick threat detection and streaming feeds wirelessly to GCS MkII and wearable tactical screens.



- 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
- 9 Payload Bracket

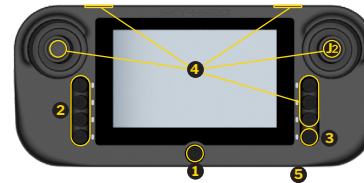
■ Narfi MkII related elements



► CONFIGURATION SOURCES ◀

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

GCS^{MkII}

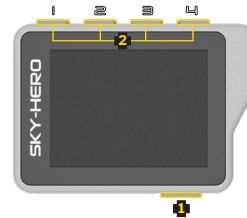


- 1 ON/OFF Button
- 2 Devices Selection Buttons
- 3 GCS Menu Button
- 4 Action Buttons
- 5 USB-C Slot
- Ⓙ Right Joystick

● GCS MkII related elements

A compact, multichannel remote screen that mounts on the arm or any support for hands-free use, streaming up to 4 real-time A/V intel inputs from up to 4 unmanned vectors in motion or on sentry.

Monitor



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

■ Monitor related elements



START

A Fully charge the GCS MkII and/or Monitor using USB-C cable in dedicated port **7**/**8** with packaged charger plug until charge LED indicator is green.

B Insert charged batteries in the Narfi MkII:

1. Flip up the articulated plate to reach the battery cover. → **FIG. 1**
2. 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. → **FIG. 1**
3. Insert the batteries, ensuring the polarity matches the markings inside the battery compartment and on the cover. → **FIG. 2**
4. Replace the battery cover and push the lock bar back up to secure the batteries. → **FIG. 2**

CONTROL & CONNECT

OPTION A You are in possession of a GCS MkII Controller:

1. Power up the GCS MkII by pressing ON/OFF button **1**
Access the menu (press **2**), then navigate to and select «Version»
2. Verify that your remote firmware is version 3.3.2 and camera is version 1.0.3.
 - If both versions match, proceed directly to step 3 to bind the Narfi MkII with the GCS MkII.
 - If not, update the firmware on both the GCS MkII and Narfi MkII before continuing.
3. Then, bind the GCS MkII with the Narfi MkII : → **FIG. 3**
 - Turn on the Narfi MkII by pressing the main button on the top front of the device. **1**
The status LED will turn green.
 - 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 MkII. This LED will start flashing green, indicating it's ready to bind.
 - On the GCS MkII, press Button **2** to enter the menu, navigate to the «Advanced Settings Menu» and select it. → **Check 'How to navigate in GCS MkII Menu'**
 - 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.
 - Once the binding is successful, the GCS MkII will display the Narfi MkII A/V stream, and the binding LED **2** on the Narfi MkII will turn solid green.
 - You can now easily customize the settings of the Narfi MkII by navigating to the «Narfi Settings» option, or trigger any predefined action through the «Command Action» entry in the GCS MkII menu.

FIG. 1

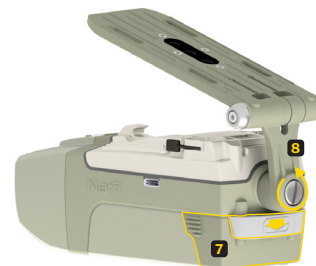


FIG. 2

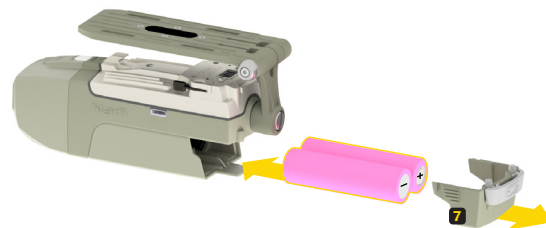


FIG. 3



FIG. 4**OPTION B You are in possession of a tactical remote Monitor :**

1. Activate the Monitor by long-pressing the ON/OFF button.
2. Turn on the Narfi MkII by pressing its ON/OFF button. **1**
3. Ensure your remote monitor is running firmware version 1.4.0 and camera is on version 1.0.3 before pairing the devices.
 - If both versions match, proceed to next step to associate the Narfi MkII with the Monitor.
 - If not, update the firmware on both devices before continuing.
4. Link the Monitor and the Narfi MkII **5** using a USB-C cable. → **FIG. 4**
5. Once connected, the Monitor will automatically begin displaying the A/V stream from the Narfi MkII.
6. A «Compliance ---» message will appear on the screen. → **FIG. 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
7. Then, the Monitor will guide you through five setup steps to configure the Narfi MkII for use without the GCS MkII controller. Adjust the selected setting, using the top buttons **1**, , and . Press to cycle through the available settings.

- **IR** Adjust the intensity of the front-facing IR LED (5% to 100%) → **FIG. 6**
- **Stealth** Set the Stealth mode to Automatic or Off → **FIG. 7**
- **Scrambler** Choose whether the scrambling mode is Off, On, or Inverted → **FIG. 8**
- **Channel** Select the channel to link with the Narfi MkII A/V stream → **FIG. 9**
- **Power** Set the video signal strength, ranging from 1 (low) to 3 (high) → **FIG. 10**

8. 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.
9. The devices are now ready for remote operation, allowing the Monitor to display the A/V stream from the Narfi MkII in real-time.

How to navigate in GCS MkII Menu

- Press button **5** : 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

FIG. 5**FIG. 6****FIG. 7****FIG. 8****FIG. 9****FIG. 10**

PAYLOAD CONNECTION

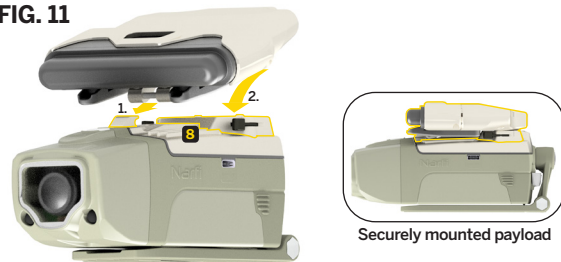
The Narfi MkI is equipped with a payload bracket **8** on its top section, featuring a hook at the front and two locks at the rear, along with an electrical pin connection. → FIG. 11

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, ensure 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.

FIG. 11



MOUNTING OPTIONS

OPTION A Built-in Mounting System

→ FIG. 12

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, simply 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

→ FIG. 13

The delivered pole can be easily attached to the Narfi MkI mounting plate **9** by screwing it directly into the inch-threaded socket.

- 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 simply by pulling it to the required length.

FIG. 12

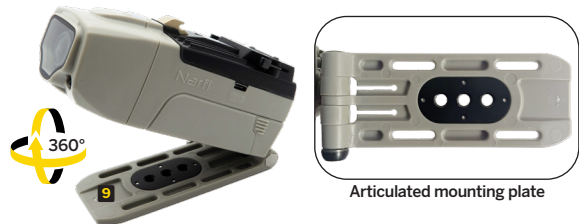


FIG. 13



SKY-HERO
by AXON

Need assistance or missing any parts?

Reach out to your AXON representative.support.

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

WARNING

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