

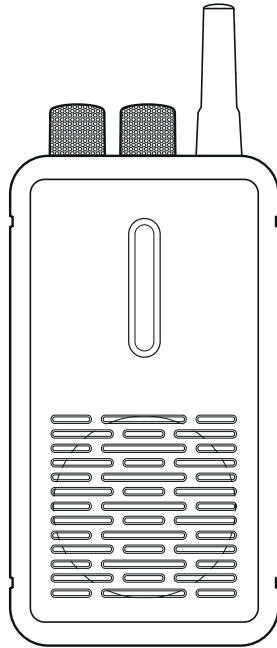
# FISHGUARD

User Manual

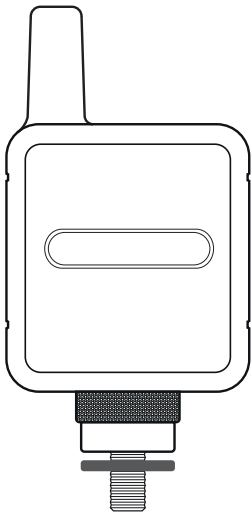
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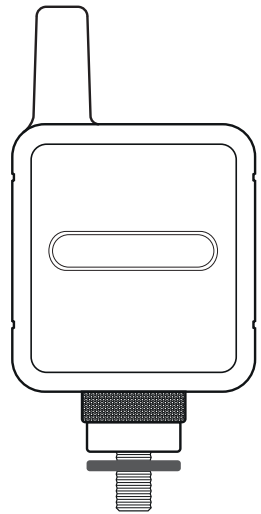
# Fishguard System



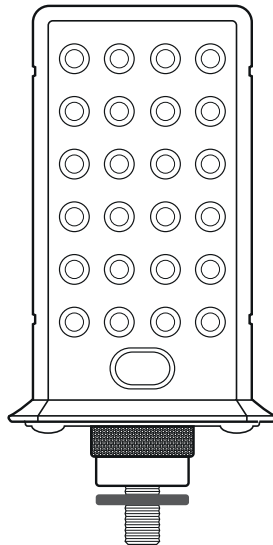
*Control Unit*



*Sensor Unit*



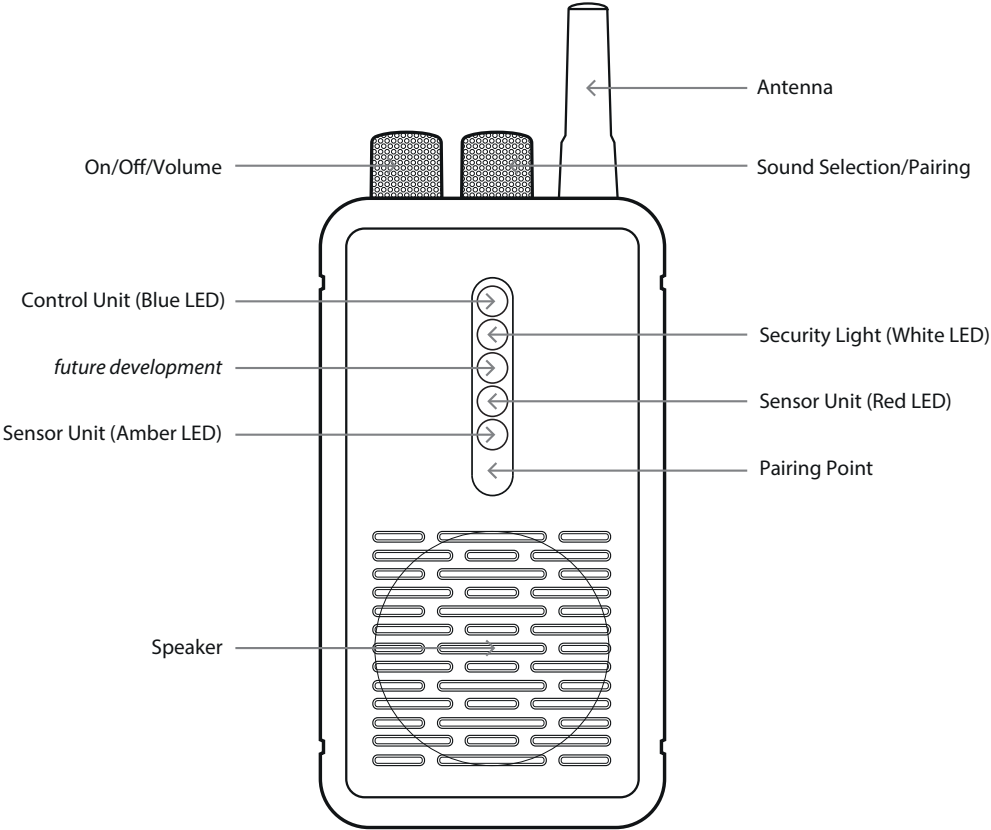
*Sensor Unit*



*Lighting Unit*

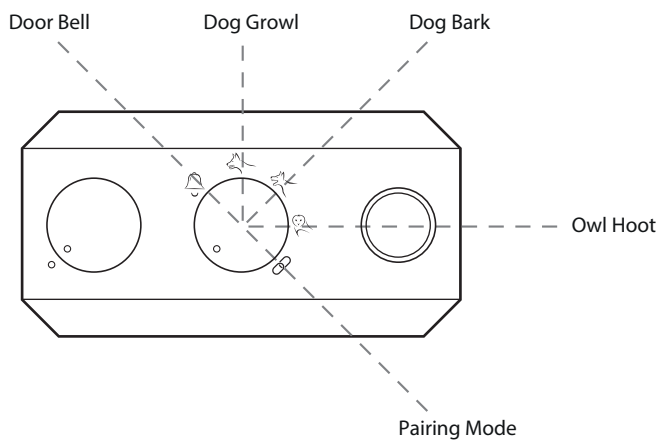
# Control Unit

Front Elevation



# Control Unit

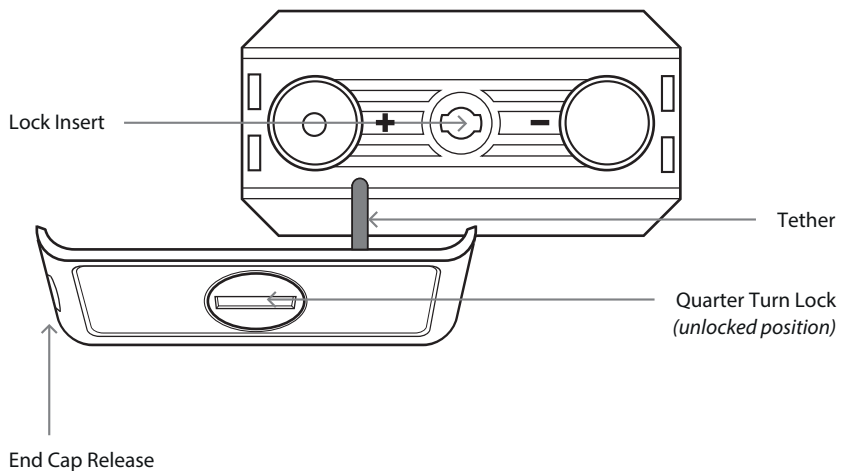
## Sound Selection



### *System Status Check:*

*LEDs for all active units will illuminate when selecting an alternative sound. LEDs will go out after 5 seconds*

## Battery Replacement



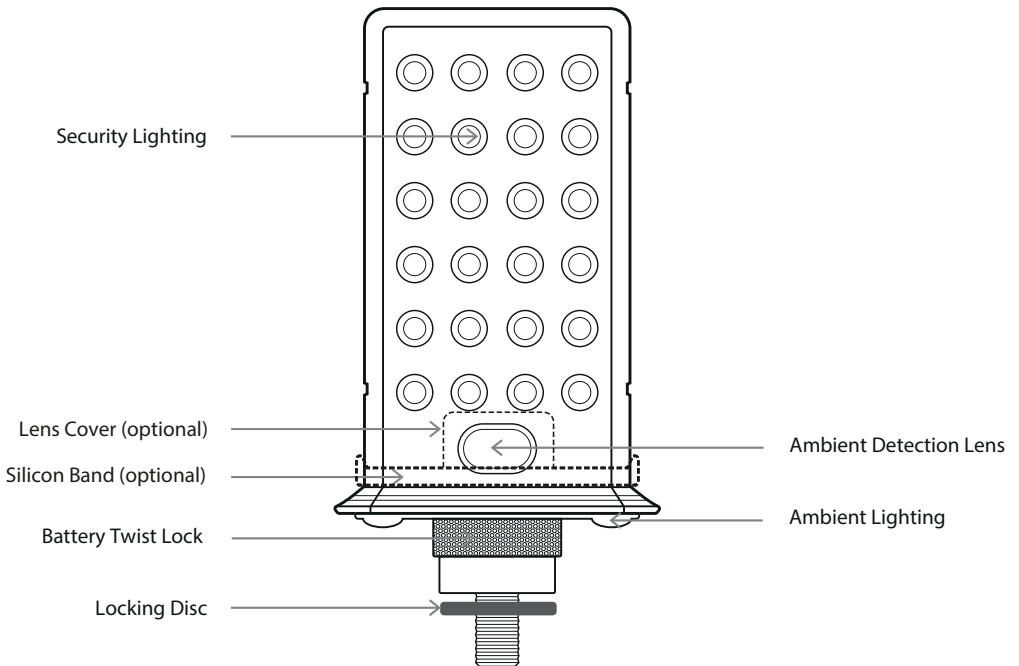
Turn Quarter Turn Lock anticlockwise to unlock; clockwise to lock, with unit facing up. (4 x AA Batteries required)

Up to 70 hours battery life

*The End Cap fits tightly; pinch both ends and remove both sides at the same time*

# Lighting Unit

*Front Elevation*

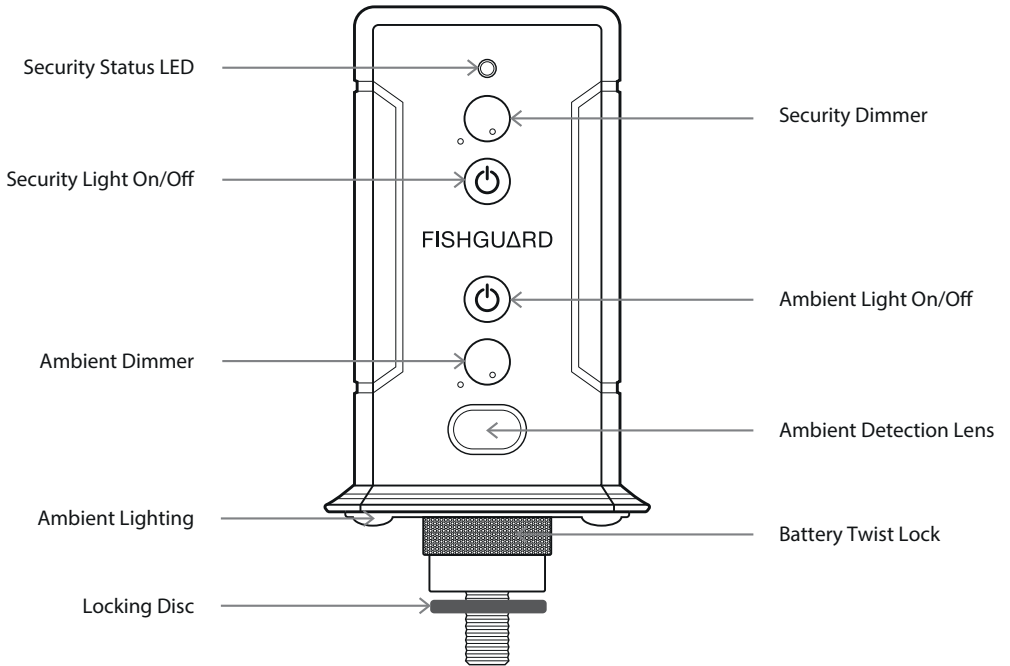


Use optional Lens Covers and Band to block Ambient Detection Lenses if required.

Up to 3 sides can be blocked off at once, to avoid false triggers from those directions.

# Lighting Unit

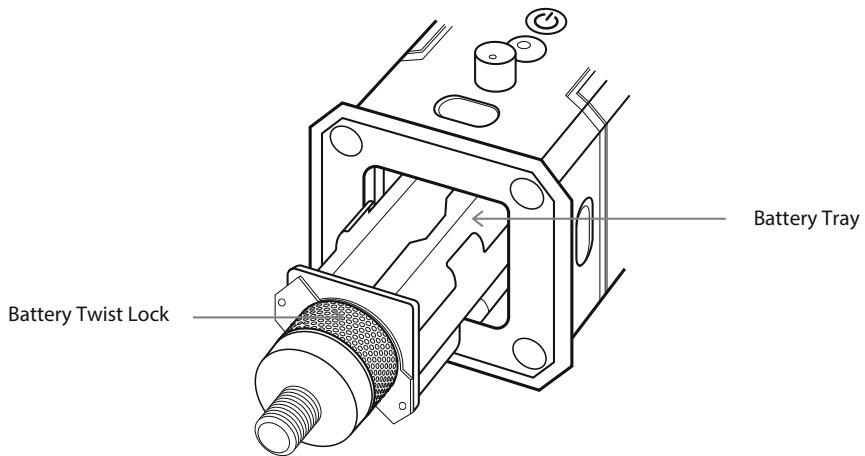
## Rear Elevation





# Lighting Unit

## *Battery Replacement*



Turn battery twist lock anticlockwise to release; clockwise to lock. (4 x AA Batteries required)

Up to 80 hours battery life

## Ambient Lighting

Turn Ambient Lighting On. Ambient Lighting will illuminate

Ambient Lighting is activated by infrared sensors behind the Ambient Detection Lens'

Ambient Lighting will go out 30 seconds after last detection

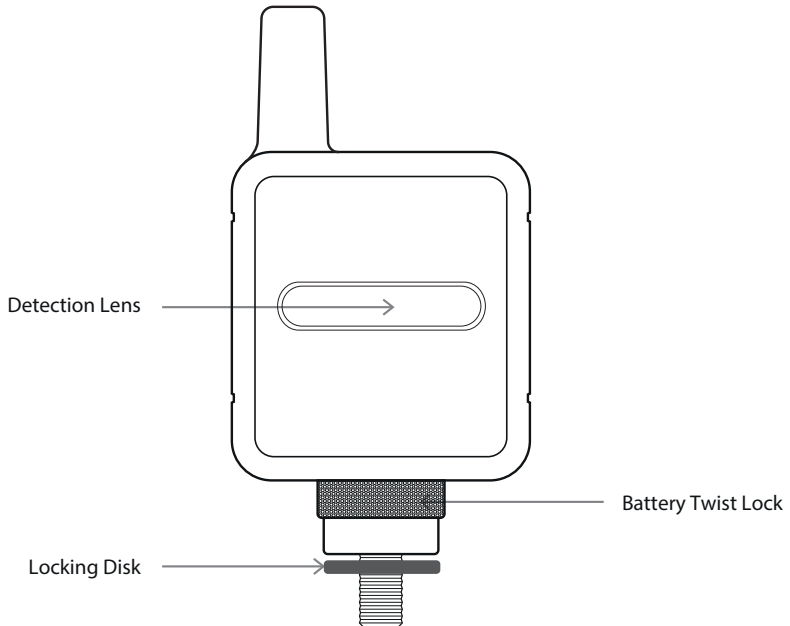
Detection Range is 3m

Turn Ambient Lighting Off. Ambient Lighting will go out

Lens Covers and Band can block Ambient Detection Lenses if required

# Sensor Unit

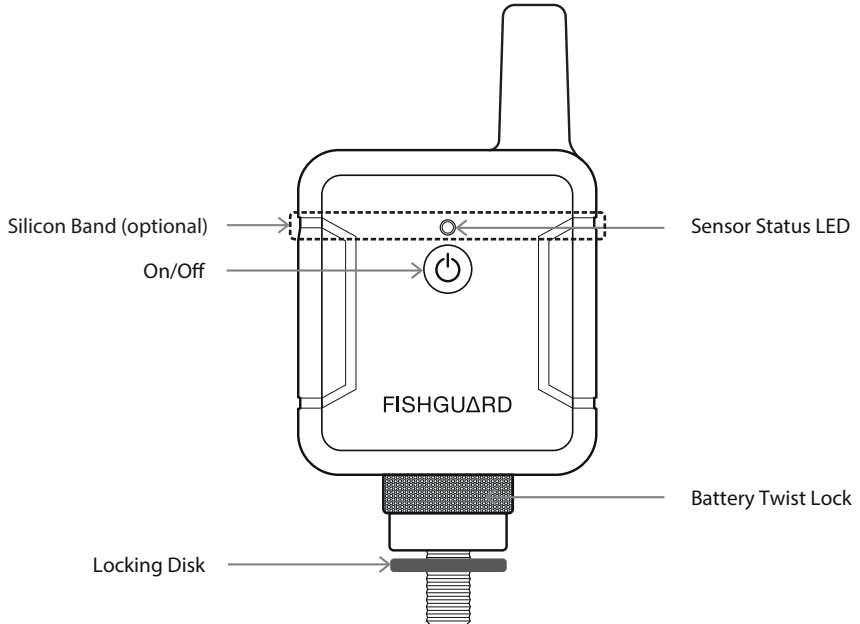
*Front Elevation*



*Take care not to mark Detection Lens*

# Sensor Unit

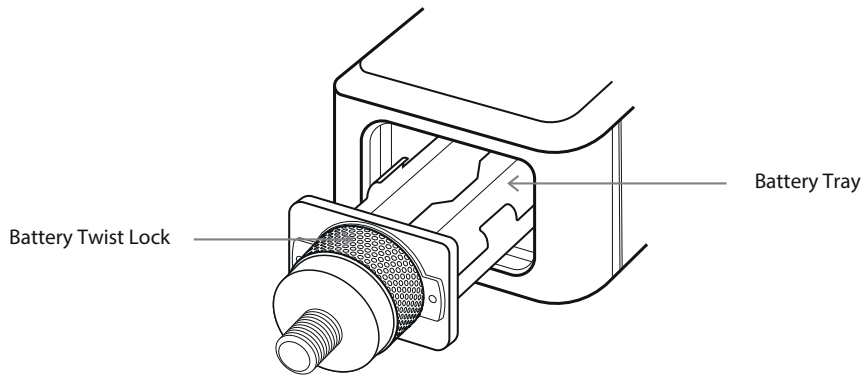
## Rear Elevation



Use Silicon Band to cover Sensor Status LED if visible at night

# Sensor Unit

## *Battery Replacement*



Turn battery twist lock anticlockwise to release; clockwise to lock. (2 x AA Batteries required)

Up to 500 hours battery life

## Activating Security

Turn Control Unit On (click), blue LED will illuminate

Turn Sensor Units On. Status LEDs will illuminate above the On/Off buttons. Corresponding Control Unit LEDs will flash slowly (whilst infrared sensors adjust to the environment)

Turn Security Light On. Status LED will illuminate above the On/Off button. The corresponding Control Unit LED will illuminate. Security Lighting will illuminate for 2 seconds

When all active units are operational, the LEDs on the Control Unit will illuminate for 5 seconds then go out

When a Sensor Unit detects motion, it will trigger the Control Unit selected sound, and Security Lighting. The corresponding LED on the Control Unit will rapid flash

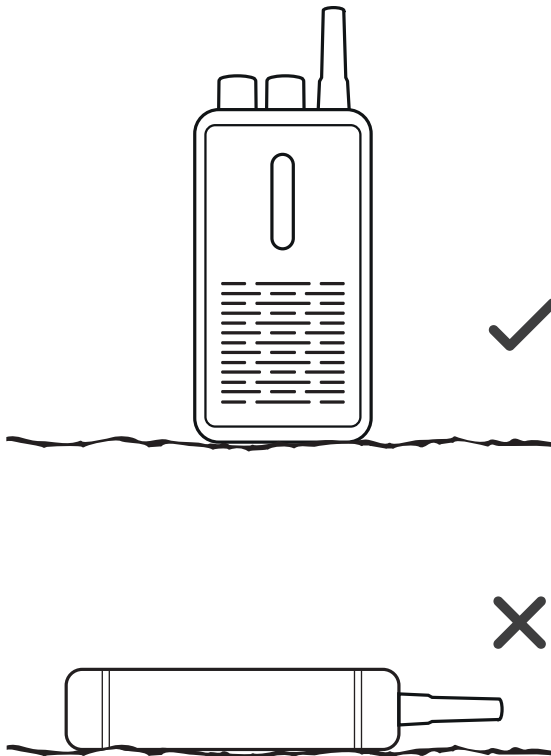
Low Batteries are indicated on all units by intermittent flash (replace batteries as soon as possible)

In-Swim security, ideally suited to nighttime operation

## System Communication

### *Optimum Range*

Optimum communication and range is achieved by keeping the Control Unit upright at all times (up to 30m range)



*System range will be severely effected if the Control Unit is laid flat*

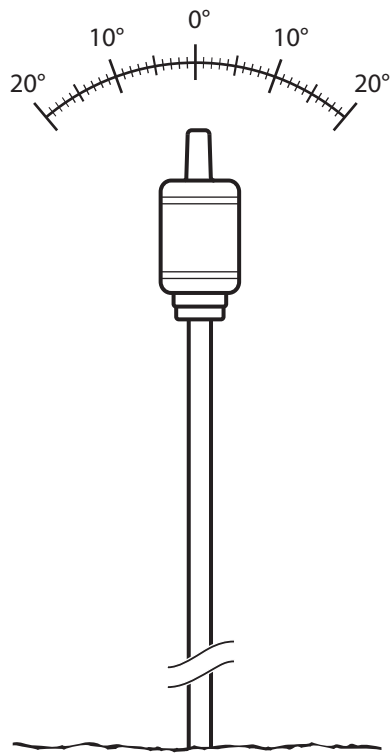
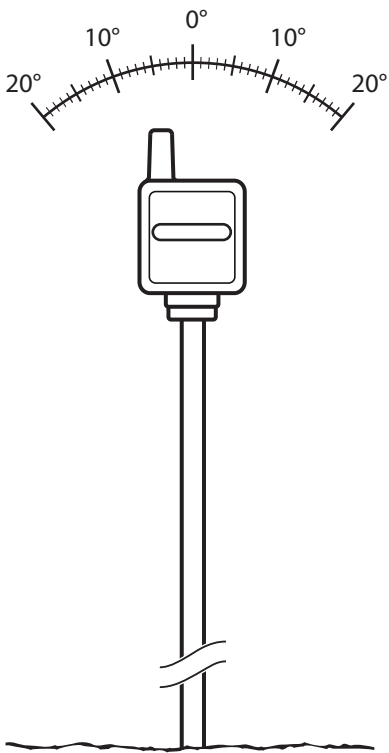




# System Setup

## *Sensor Unit Alignment*

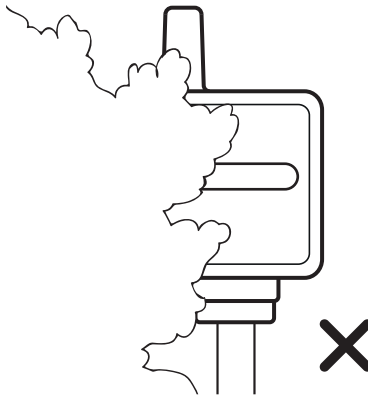
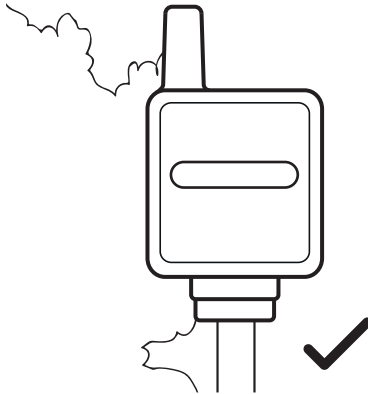
Vertically align the Sensor Units for optimum detection and reliability



## System Setup

### *Field of view*

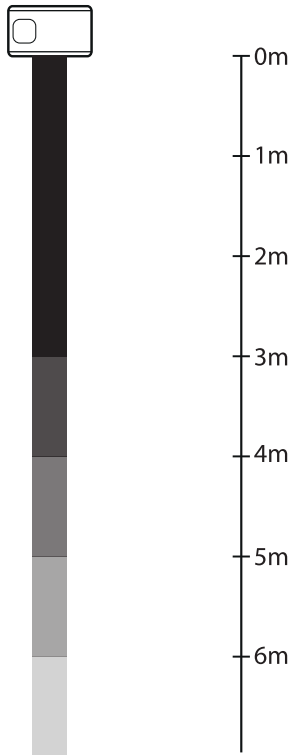
Keep Sensor Unit faces clear of branches and foliage to avoid false detection



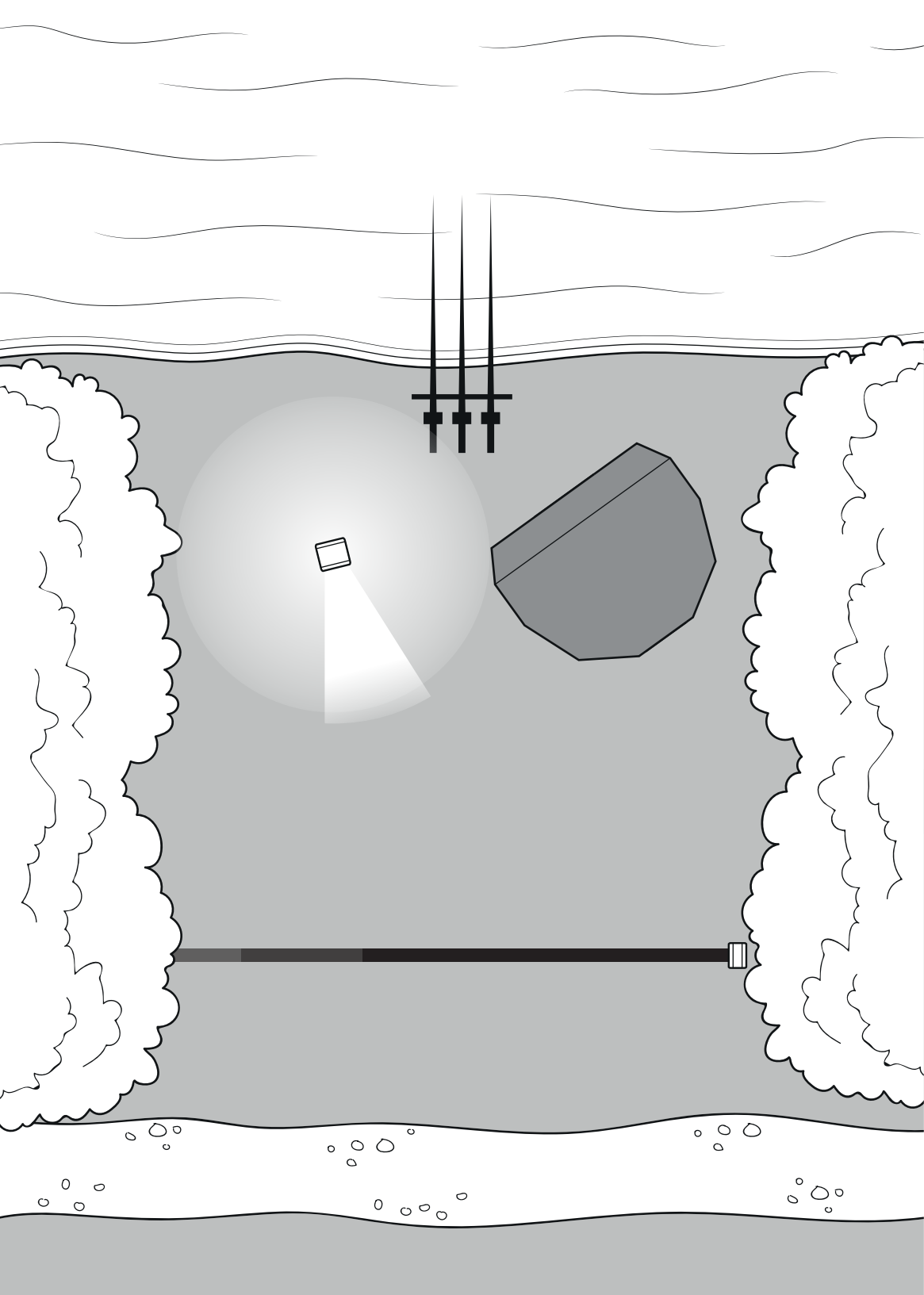
*Be aware of environmental movement in windy conditions*

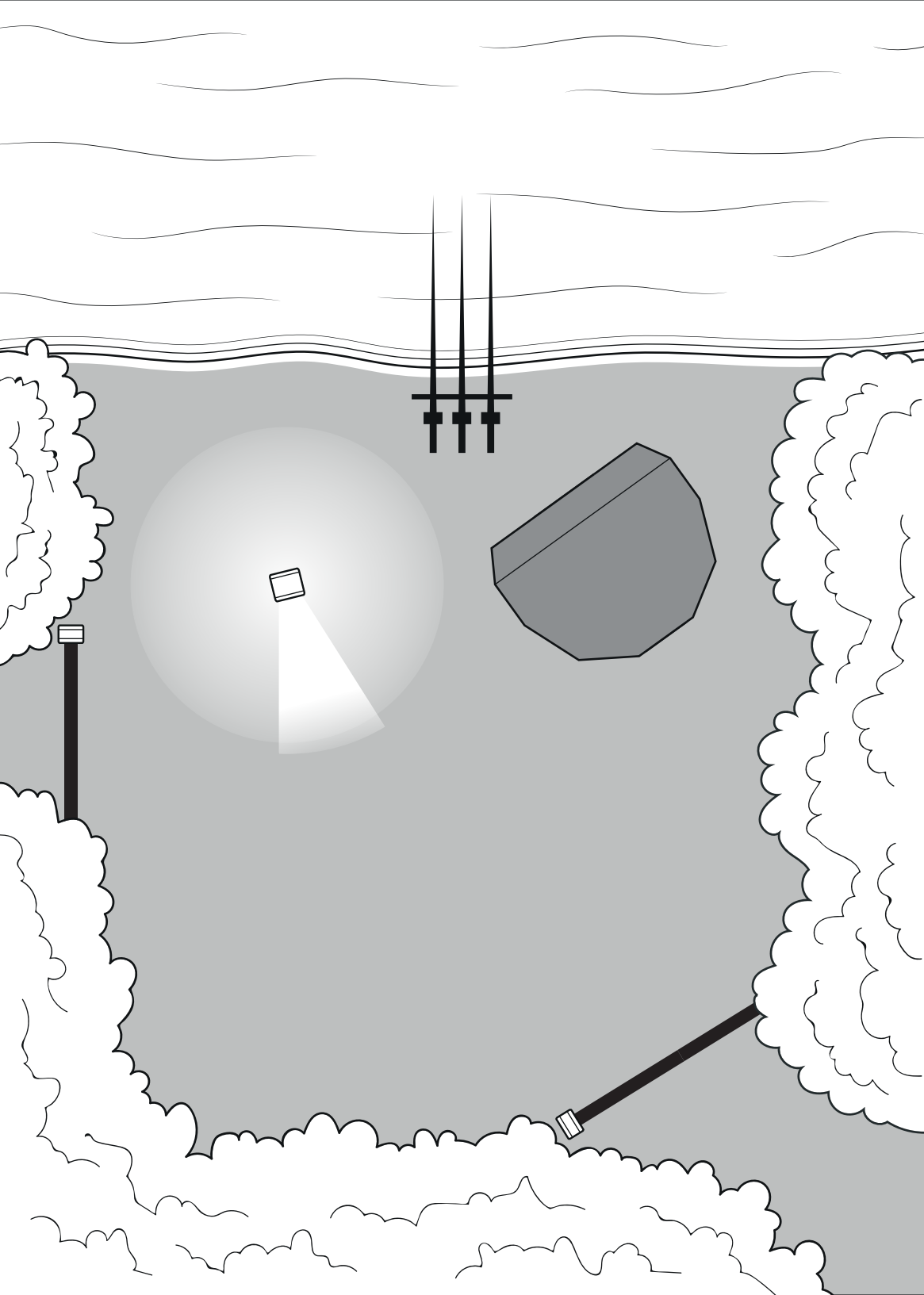
# System Setup

## *Sensor Unit Detection*



*Detection range can be affected by extreme light and temperature;  
ideally suited to nighttime operation*





# Troubleshooting

Issue	Possible Causes	Fixes
Control Unit's LEDs flashing in sequence	<p>Out of range</p> <p>Sensor Unit or Lighting Unit has been turned off</p>	<p>Ensure Sensor Units and Lighting Unit are within 30m of the Control Unit</p> <p>Ensure Sensor Units and Lighting Unit are set up at their optimum heights</p> <p>Ensure the Control Unit is upright</p> <p>Turn Sensor/Lighting Unit back On, or turn the Control Unit On/Off</p>
Unit won't turn On (no lights at all)	<p>Batteries are exhausted</p> <p>Rechargeable batteries are being used</p> <p>Batteries in wrong orientation</p>	<p>Insert new premium batteries</p> <p>Rechargeable batteries operate at a lower voltage, replace with primary batteries</p> <p>Remove, and reinstall batteries in correct orientation</p>
Sensor Unit/Lighting Unit is not showing to be connected to the Control Unit	Unit is not paired to the system	Pairing procedure; Select pairing mode on the Control Unit. On the unpaired Unit, ensure it is On, then push and hold the button. The Status LED will start to flash, then face it against the Pairing Point on the Control Unit. The corresponding LED will illuminate on Control Unit, and the unit is paired
System not responding (all units On)	The Control Unit is in pairing mode	Select a sound on the Control Unit. Do not leave in Pairing Mode
Security System false detection	<p>Sensor Unit Detection Lens exposed to a sudden change in light, and/or environmental movement (i.e. branches, foliage)</p> <p>Sensor Unit movement</p>	<p>Ensure Sensor Unit is not facing direct sunlight, and look for anything moving directly in front of the Sensor Unit</p> <p>Ensure bank stick is in solid ground so the Sensor Unit does not move (esp. windy conditions)</p>

# Troubleshooting

Issue	Possible Causes	Fixes
Blue LED On continuously on Control Unit	Control Unit batteries are exhausted	Replace batteries with new premium batteries
Corresponding Lighting Unit or Sensor Unit LEDs showing On continuously on Control Unit.	<p>The corresponding Unit batteries are exhausted</p> <p>Out of range</p> <p>Sensor Unit or Lighting Unit has been turned off</p>	<p>Replace batteries with new premium batteries</p> <p>Ensure Sensor Units and Lighting Unit are within 30m of the Control Unit</p> <p>Ensure Sensor Units and Lighting Unit are set up at their optimum heights</p> <p>Ensure Control Unit is upright</p> <p>Turn Sensor/Lighting Unit back On, or turning the Control Unit On/Off will clear the indication.</p>
Ambient Lighting detection range is poor	Lighting Unit not set at optimal height	Set Lighting Unit at optimum height to ensure best detection range
Ambient Lighting stays On or turns on intermittently	<p>One or more Detection Lenses exposed to a sudden change in light, and/or environmental movement (i.e. branches, foliage)</p> <p>Lighting Unit movement</p>	<p>Use Lens Covers and Band to block off the Detection Lenses subjected to varying conditions.</p> <p>Ensure bank stick is in solid ground so the Lighting Unit does not move (esp. windy conditions)</p>

### *Product Care / Cautions*

Control Unit is splash proof only (Do Not leave in the rain as it could invalidate guarantee)

Lighting Unit and Sensor Units are weather proof, but not waterproof (Do Not submerge in water as it will invalidate guarantee)

Avoid looking directly at the Security Lighting LEDs

Take care not to mark the Detection Lenses

Avoid using excessive force on any of the knobs

Clean product with damp cloth only (don't use chemicals or cleaning products)

Avoid using abrasive materials on the product

Avoid spraying product with anything (lubricants, chemicals, etc.)

Control Unit antenna is not removable

Mogoza Ltd will not be held responsible for the use of our product in contravention of any fishery, environmental or radio regulations

*Please see website for latest User Manual update*



## Guidelines

### *Batteries*

Use Alkaline Batteries only; not suitable for Lithium Batteries

Always use Premium brand Batteries for optimum results

Use Non-Rechargeable Batteries only (Rechargeable Batteries are lower voltage and will not work)

Always replace batteries with brand new ones, don't mix battery brands, and use batteries before their Use-By date

Battery life will be affected by product use and battery quality

### *Guarantee*

Mogoza Ltd will repair or replace at our discretion any faulty units within 2 years from date of purchase, provided proof of purchase is retained

Mogoza Ltd may refuse to repair or replace where tampering has occurred, or units have been abused in contravention of product care guidelines

Repairs falling outside of guarantee may be charged at Mogoza Ltd discretion

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