

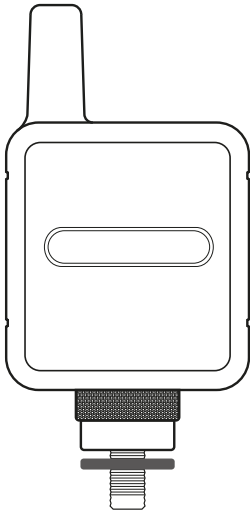
FISHGUARD

User Manual

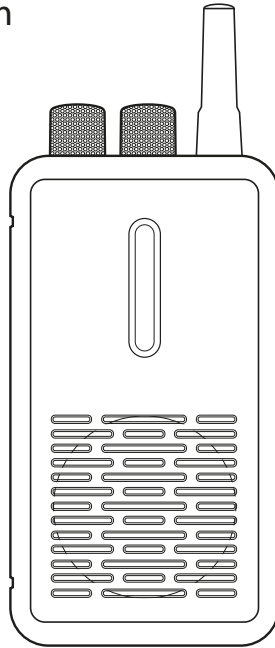
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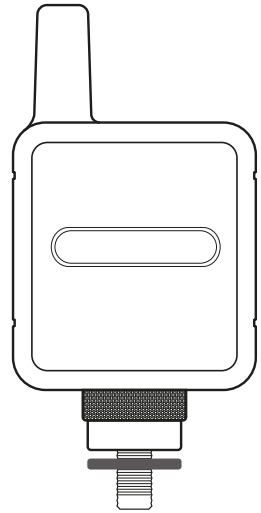
Fishguard Fx System



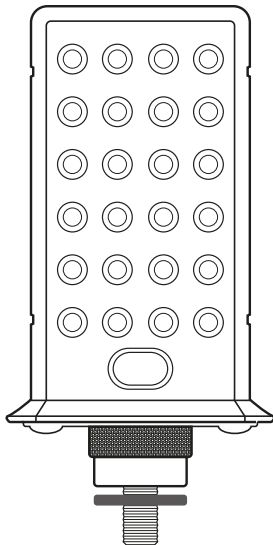
Fx Sensor



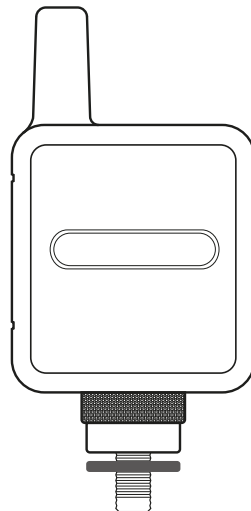
Fx Control Unit



Fx Sensor



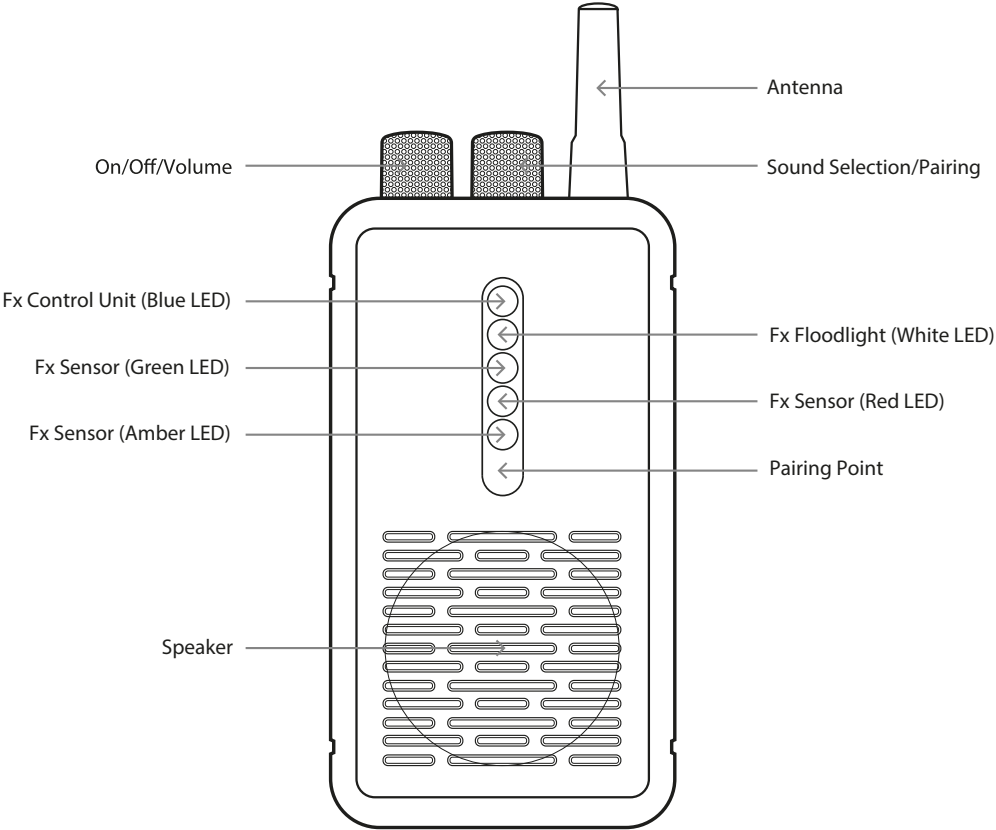
Fx Floodlight (Add-on)



Fx Sensor (Add-on)

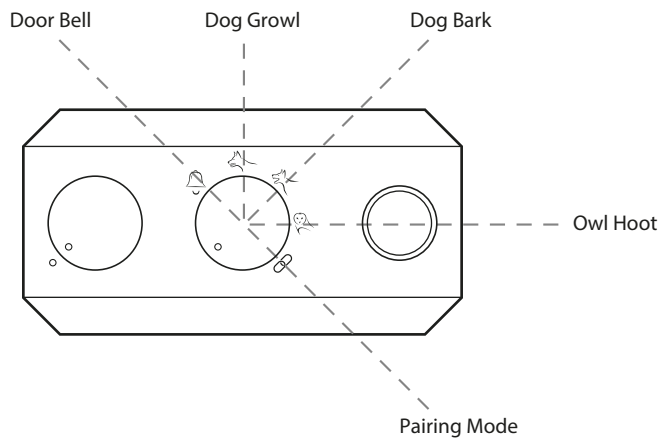
Fx Control Unit

Front Elevation



Fx Control Unit

Sound Selection

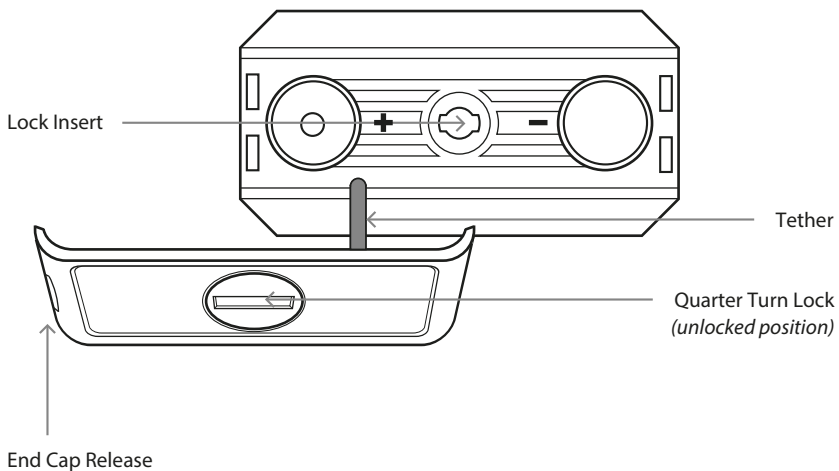


System Status Check:

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

Fx Control Unit

Battery Replacement



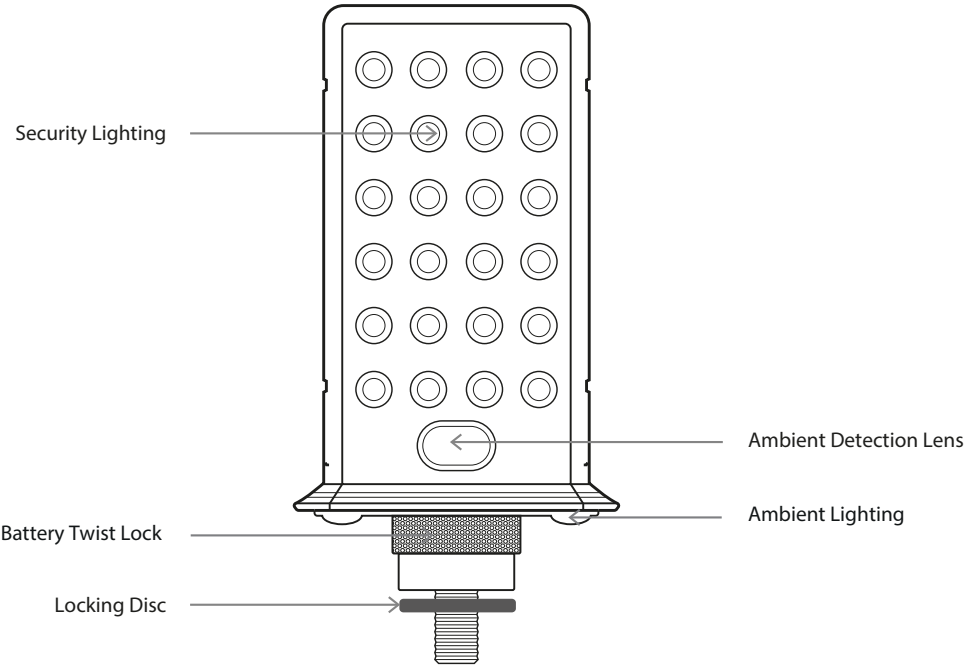
Turn Quarter Turn Lock anticlockwise to unlock; clockwise to lock, with unit facing up. (4 x AA Batteries required)

Up to 70 hours battery life

The EndCap fits tightly; pinch bothends and remove both sides at the same time

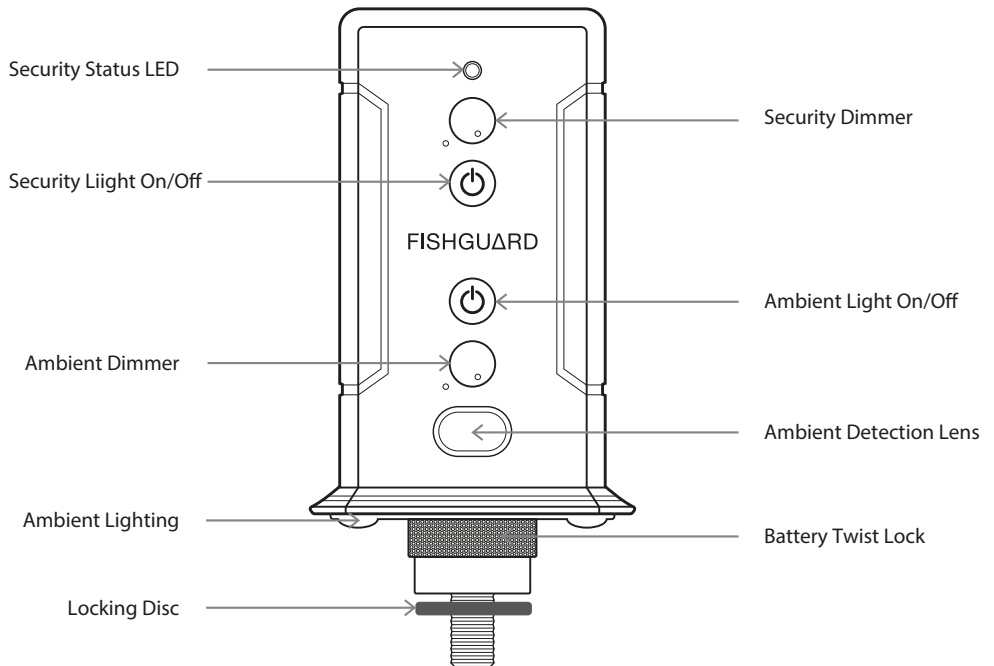
Fx Floodlight

Front Elevation



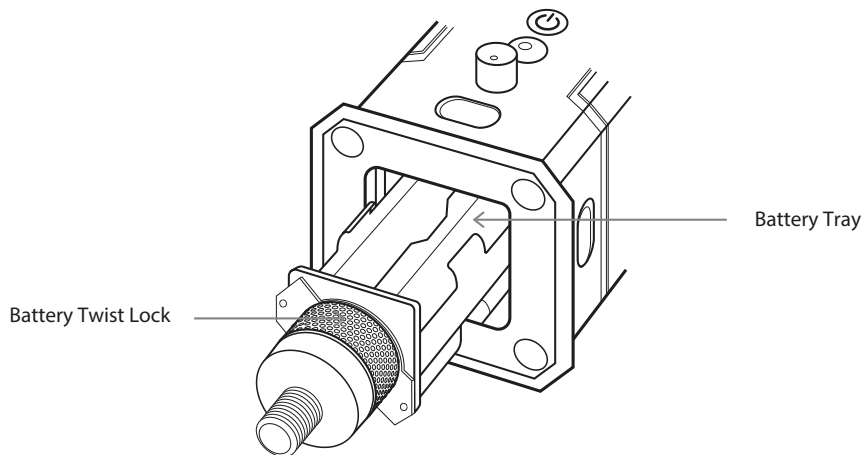
Fx Floodlight

Rear Elevation



Fx Floodlight

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'

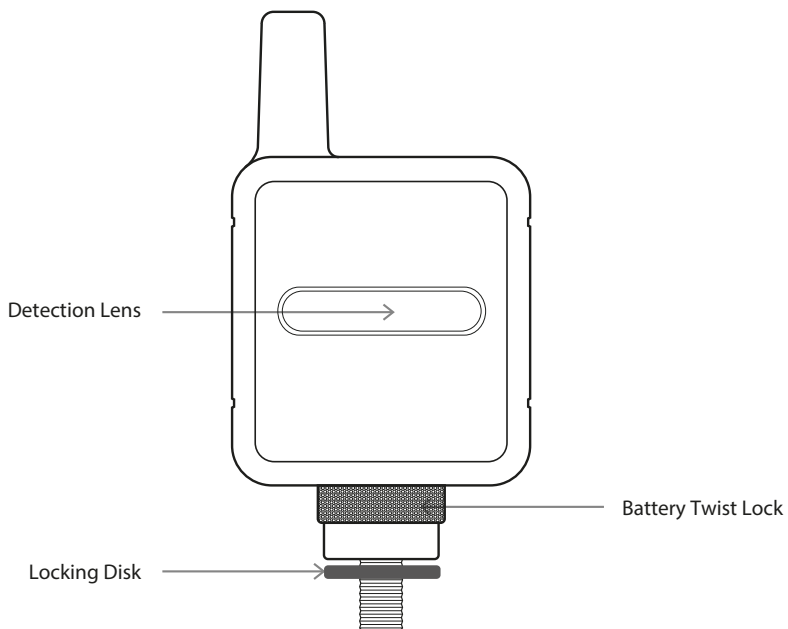
Ambient Lighting will go out 30 seconds after last detection

Detection Range up to 3m

Turn Ambient Lighting Off. Ambient Lighting will go out

Fx Sensor

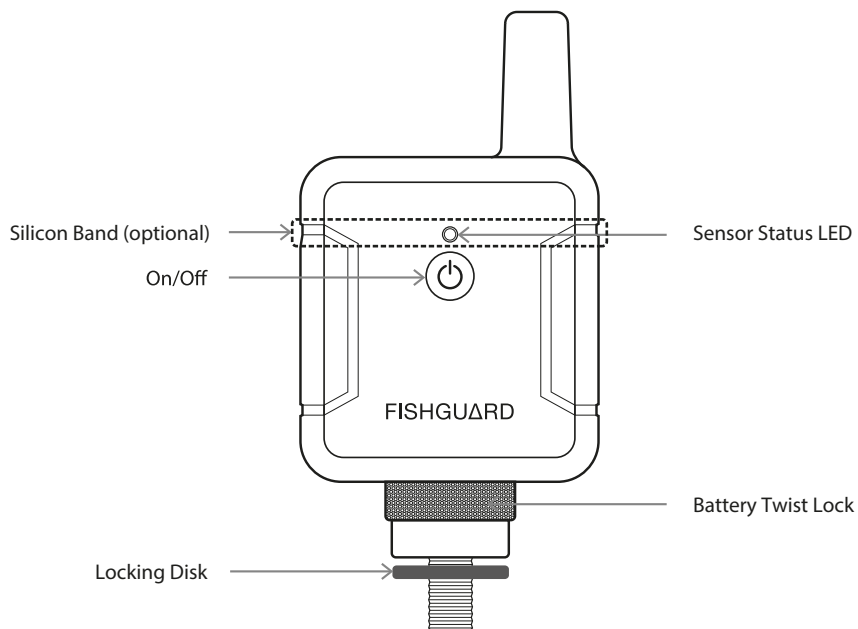
Front Elevation



Take care not to mark Detection Lens

Fx Sensor

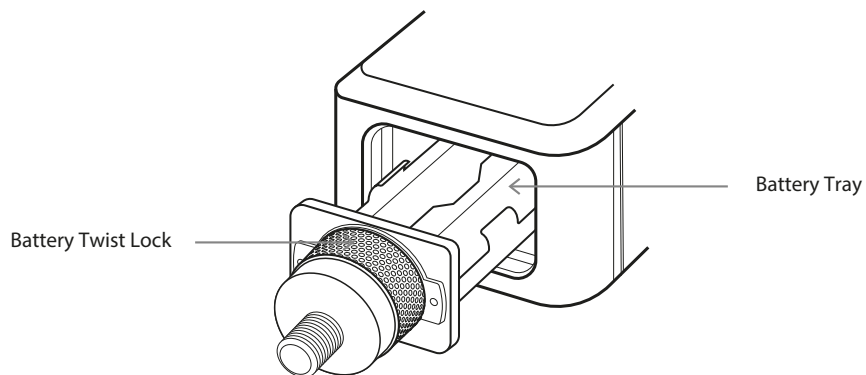
Rear Elevation



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

Fx Sensor

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 Fx Sensors 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 (top button on the Fx Looflight). 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 Fx Sensor detects motion, it will trigger the Control Unit selected sound, and Security Lighting. The corresponding LED on the Control Unit will rapid flash

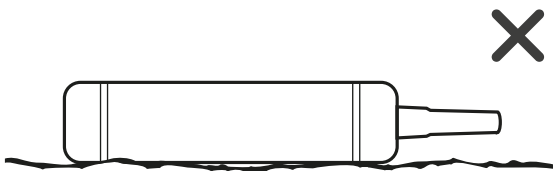
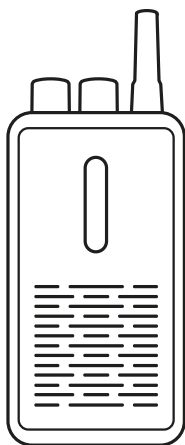
Low Batteries are indicated on all units by intermittent flash (replace batteries as soon as possible)

In-Swim security, ideally suited to nighttime operation

System Communication

Optimum Range

Optimum range is achieved by keeping the Control Unit upright at all times (100m range)

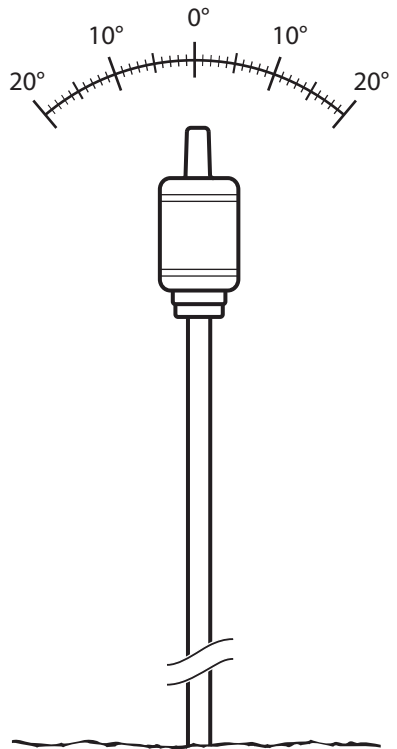
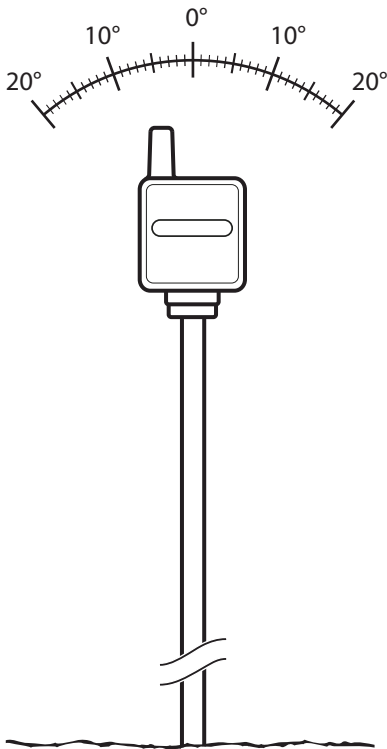


System range will be severely effected if the Control Unit is laid flat

System Setup

Fx Sensor Alignment

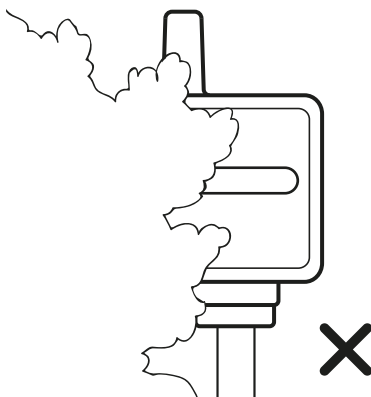
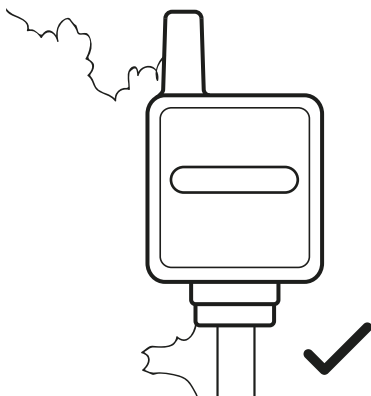
Vertically align Fx Sensor for optimum detection and reliability.



System Setup

Field of view

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

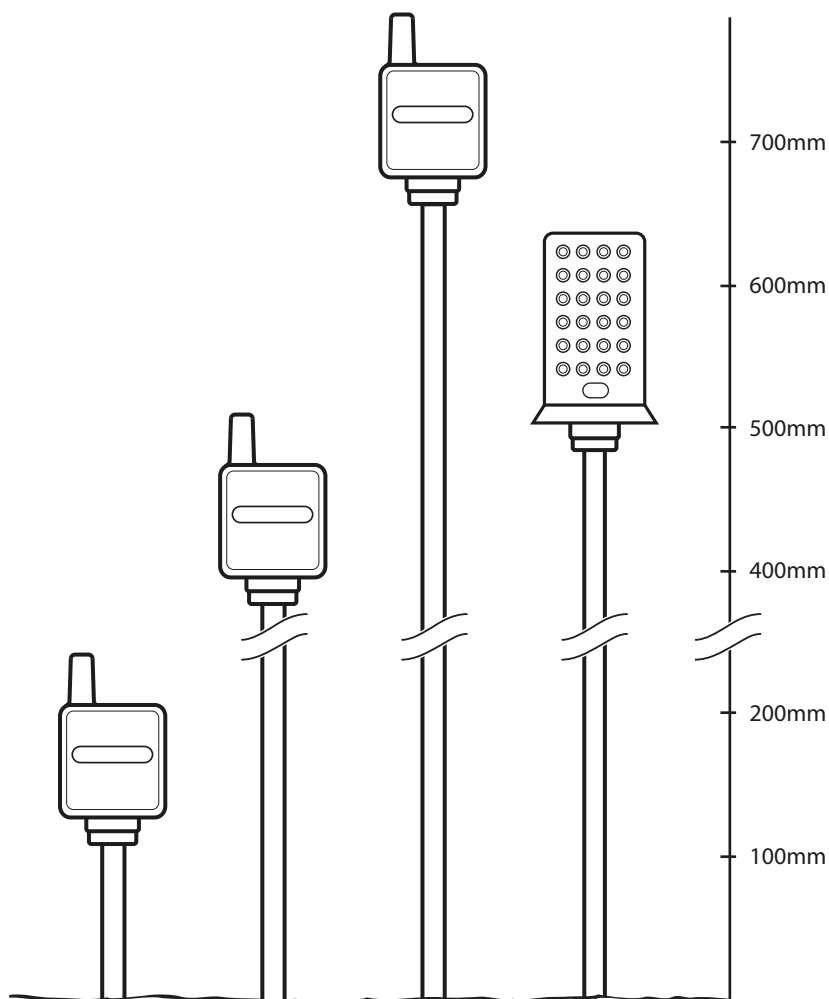


Be aware of environmental movement in windy conditions

System Setup

Optimum Height

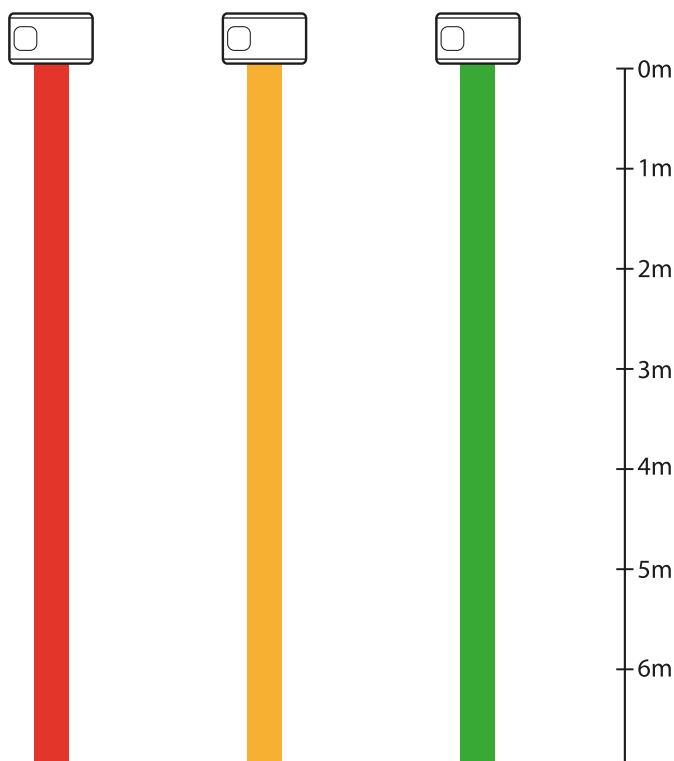
Fx Sensors can be set at any height. For optimum performance of the ambient lighting the Fx Floodlight should be set minimum of 500mm



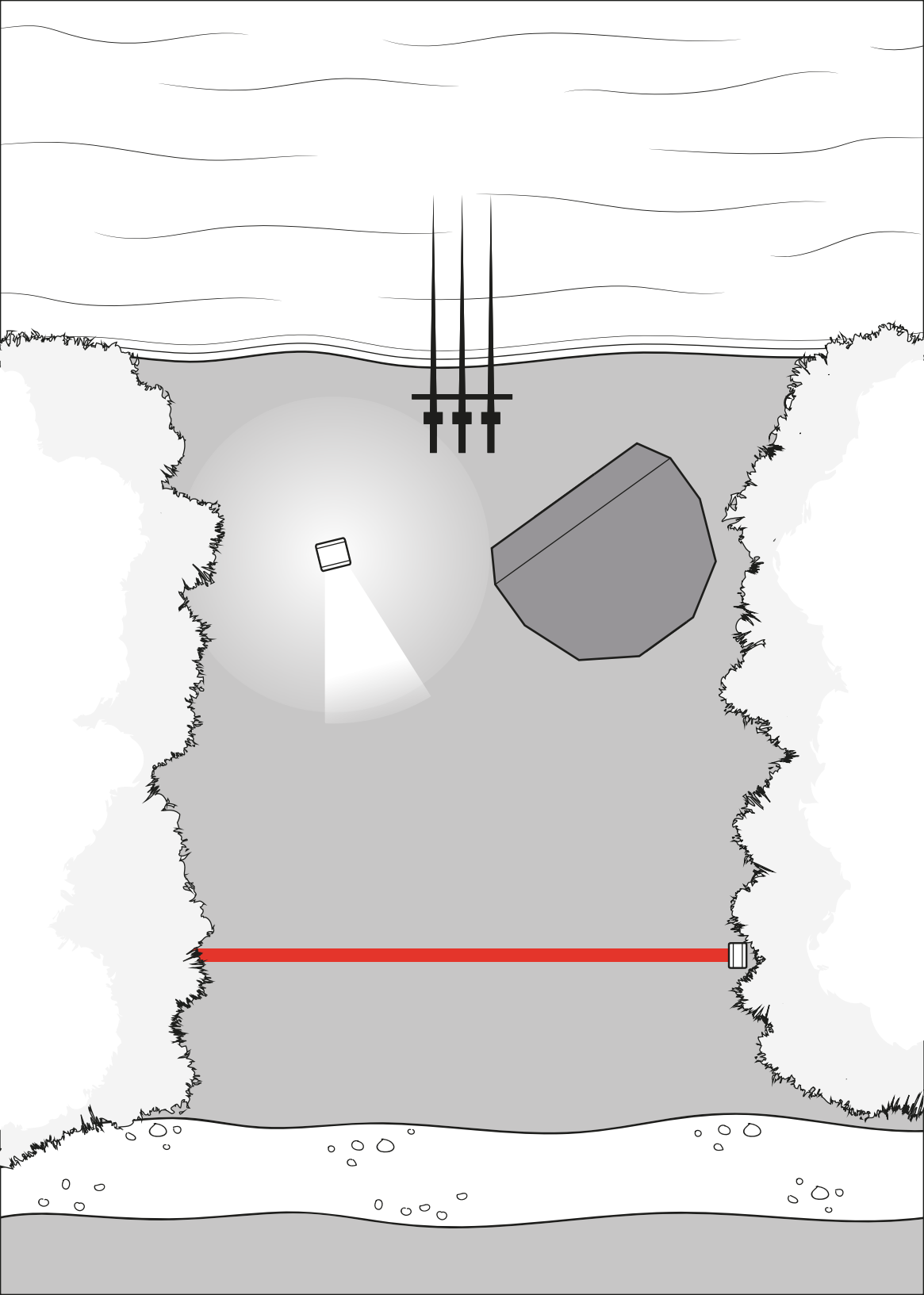
System Setup

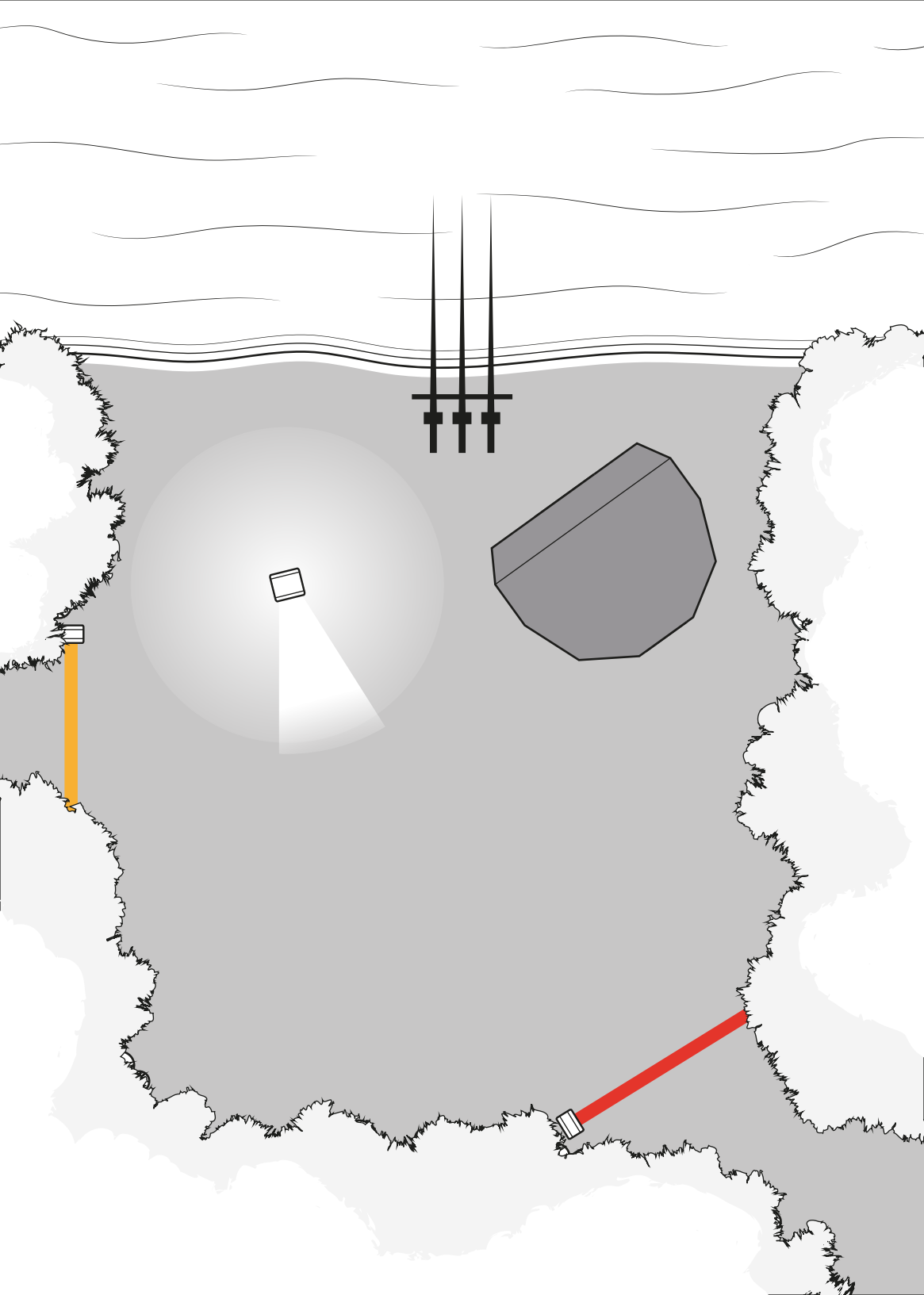
Fx Sensor Detection

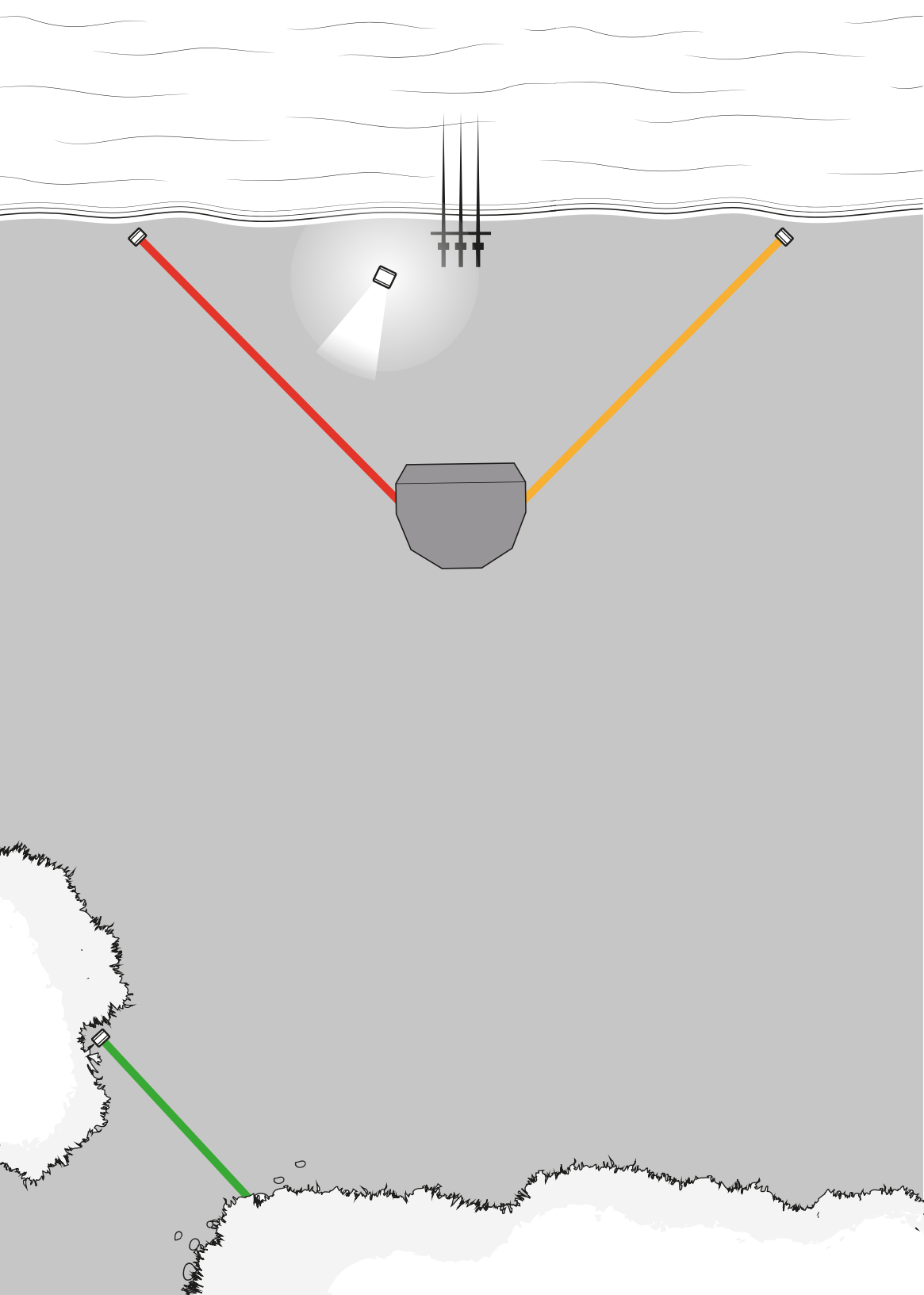
Each Fx Sensor has a different colour status LED, indicating which Sensor is triggered. Position the Fx Sensors like trip wires. Detection is most effective when crossing the invisible beam.

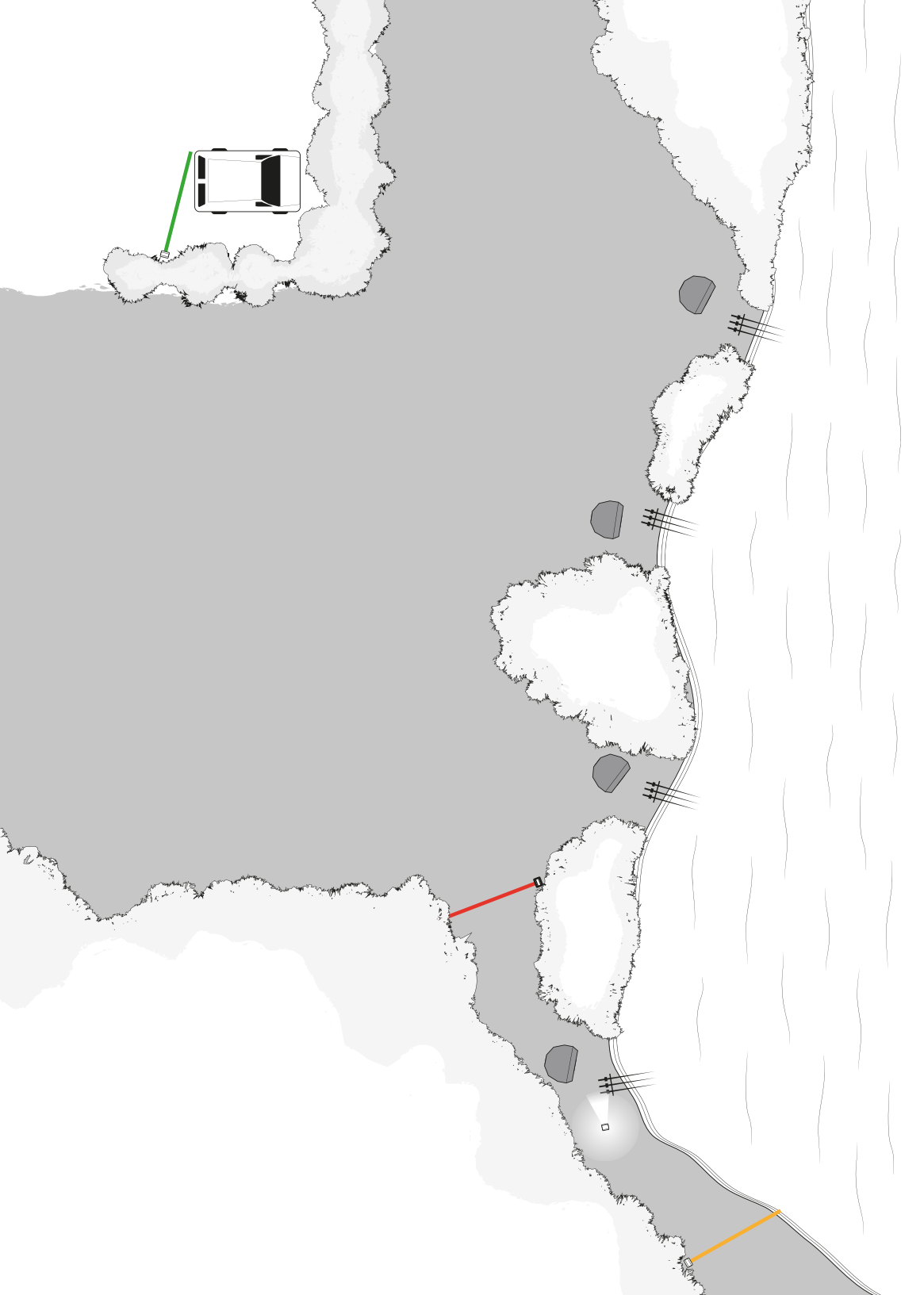


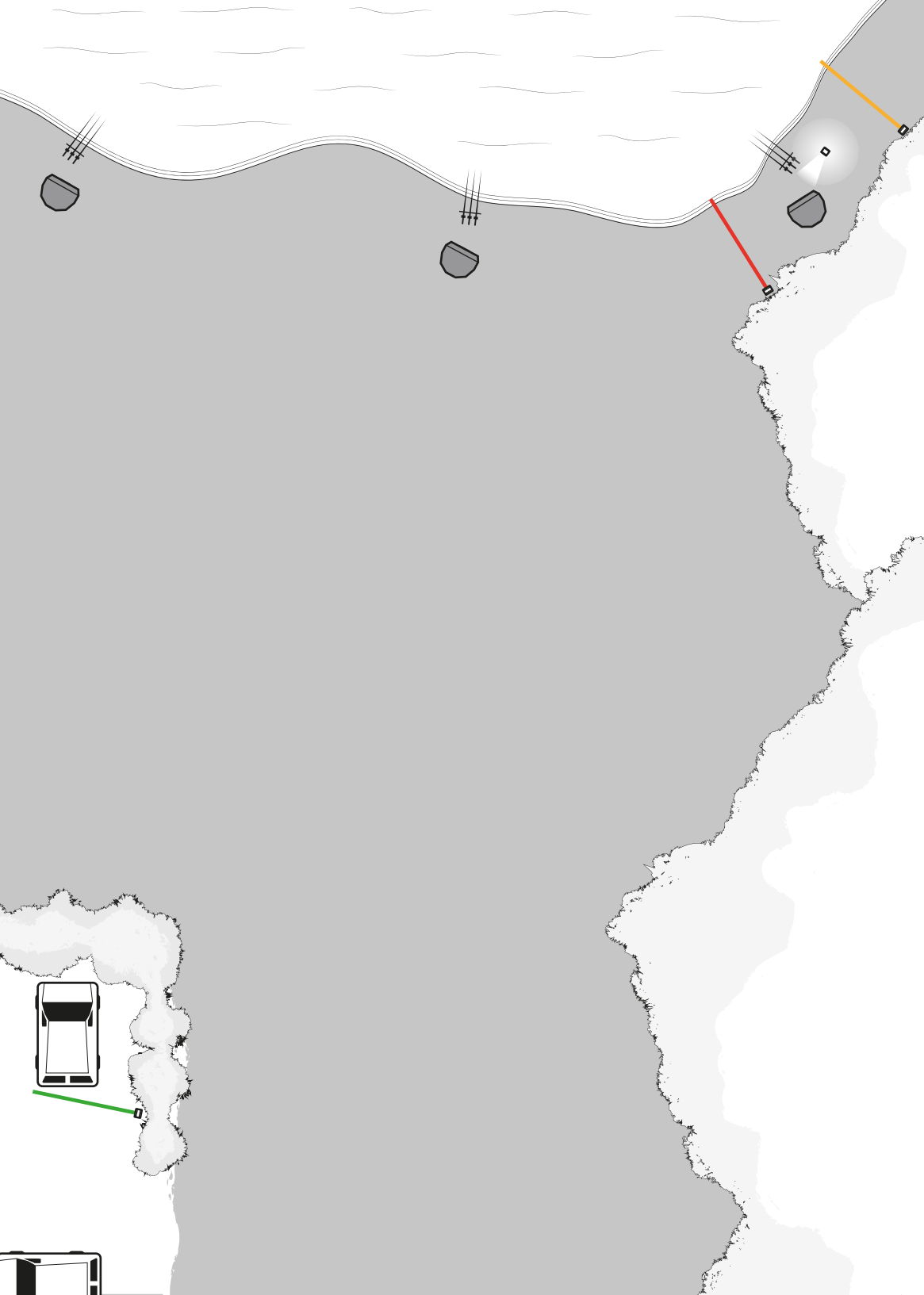
*Detection range can be affected by extreme light and temperature;
ideally suited to nighttime operation*

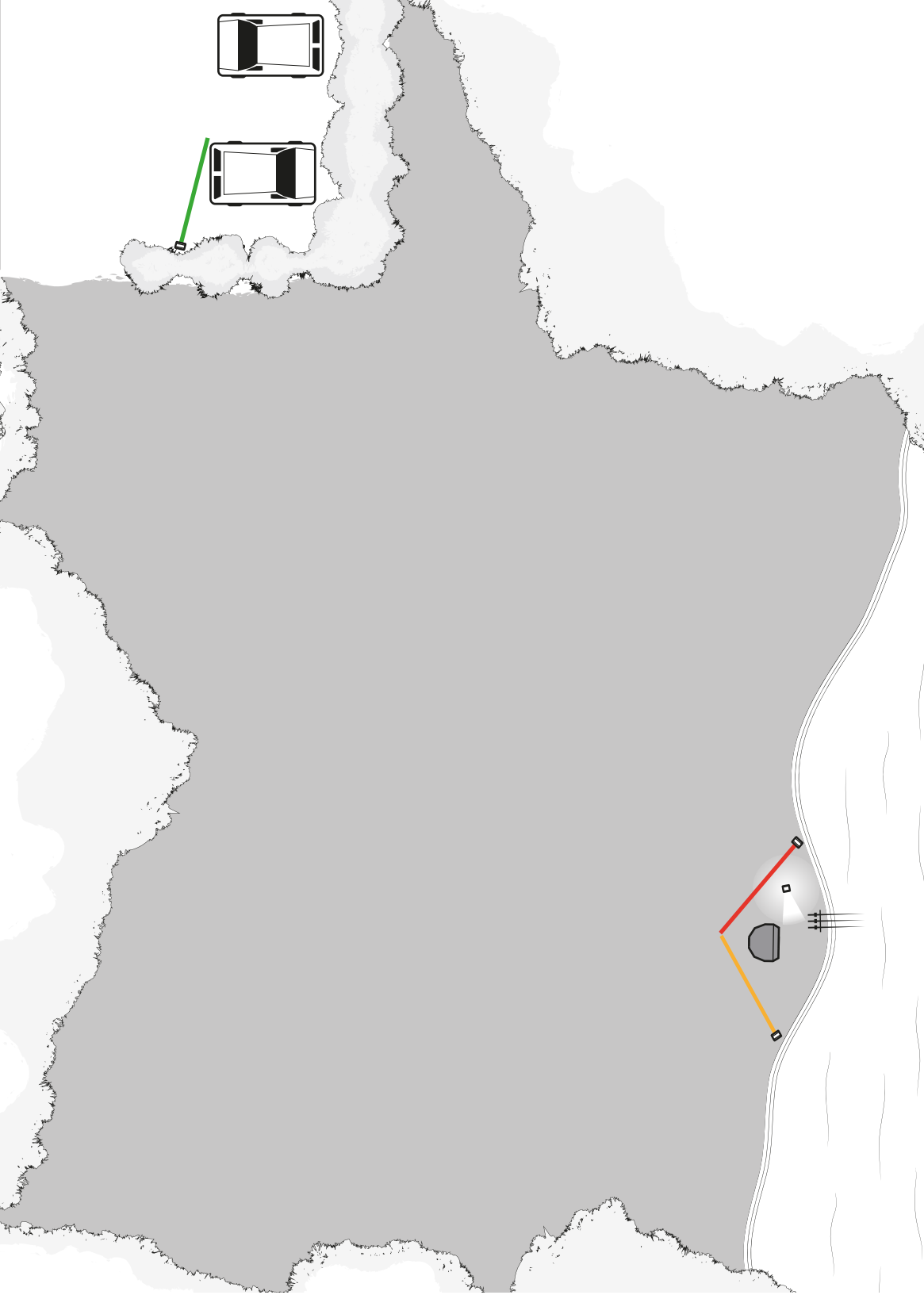












Troubleshooting

	Possible Causes	Fixes
Control Unit's LEDs flashing	<p>Out of range</p> <p>Fx Sensor or FX Floodlight have been turned off</p>	<p>Ensure Fx Sensors and Fx Floodlight are within 100m of the Control Unit</p> <p>Ensure the Control Unit is upright</p> <p>Turn Fx Sensor/Fx floodlight back on, or turn the Control unit On/Off</p>
Unit won't turn On	<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>
Units are not showing as connected to the control unit	Unit is not paired to the system	<p>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</p>
System not responding	The Control Unit is in pairing mode	Select a sound on the Control Unit. Do not leave in Pairing Mode
Security System false	<p>Fx Sensor 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 Fx Sensor 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 Fx Sensor or Fx Floodlight LEDs showing ON continuously on Control Unit.	<p>The corresponding Unit batteries are exhausted</p> <p>Out of range</p> <p>Fx Sensor or Fx Floodlight has been turned off</p>	<p>Replace batteries with new premium batteries</p> <p>Ensure Fx Sensors and Fx Floodlight are within 100m of the Control Unit</p> <p>Ensure Control Unit is upright</p> <p>Turn Fx Sensor/Fx Floodlight back On, or turning the Control Unit On/Off will clear the indication.</p>
Ambient Lighting stays On or turns on intermittently	<p>One or more Detection Lenses close to moving branches/foliage</p> <p>Fx Floodlight movement</p>	<p>Move Fx Floodlight 3m away from moving environmental movement.</p> <p>Ensure bank stick is in solid ground so the Fx Floodlight does not move (esp. windy conditions)</p>

Guidelines

Product Care / Cautions

Fx Floodlight and Fx Sensos are weather proof, including heavy rain. (Do Not submerge in water as it will invalidate guarantee)

Control Unit is not weatherproof, light rain only (Do Not leave outside in the rain, or submerge in water as it could 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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