

Rentokil



Erادico Gate Connect

This manual is based on the latest information and is provided subject to alteration. We reserve the right to change the construction and/or configuration of the product and versions at any time without obligation.

All rights reserved. No part of this document may be reproduced, stored in a database or any other retrieval system, or published, in any form or way, electronically, mechanically, digitally per photo print or microfilm or any other way without written permission from the author.

Introduction

◦	Safety Instruction	4
◦	Attention	4
◦	Warning	4
◦	Warning Translations	5
◦	Product Description	7
◦	Product Function (Connect Variants Only)	7
◦	Limitation of Liability & Damages	8
◦	Product Disposal	8
◦	Environmental Restrictions	9
◦	Product Range	10

Installation

1.	Prior to Eradico Gate Connect Installation	11
2.	Site Installation	11
3.	Fitting the Battery	12
4.	Battery Level	13
5.	Site Survey (Connect Variants Only)	13
6.	Fitting the Tray	14
7.	Loading the Eradico Gate into the Eradico box	14

Servicing & Maintenance

1.	Service Mode	15
2.	Configuration Mode	16
◦	Connect Version	16
◦	Non-Connect Version	16
A.	Species Selection	16
B.	Gate Open Time	18
C.	Gate Activation Mode	18
3.	Unit Information	19
4.	Diagnostic Mode	20
◦	Sensor Test	20
◦	LED Test	21
◦	Gate Test	22
◦	Battery and Accelerometer Test	23
5.	Deploying the Device	24

System Status

1.	Enter System Status	26
2.	Check System Status	26
3.	Deploying the Device	27

Operating the UI

- Operating the User Interface 29
- Error and Fault Codes 31

Further Information

- Technical Details 32
- Product Code Summary 32
- Approvals 33

Introduction

Eradico Gate Connect is a device when used in conjunction with the Eradico Bait Station, provides a secure gate between non target species and the bait. During specific targeted rodent behavior detection, the gate can open automatically for a predetermined time effectively exposing the target to the bait area. The bait area is then isolated again after a predetermined time has elapsed and the bait area is clear of pest activity.

Safety Instructions

- Only use the Battery Packs that are supplied by Rentokil.
- Do not use the device if it is damaged.
- Do not expose the device to corrosive liquids.
- Do not use this device near to water sources.
- If the device is stored unused for a long period, the batteries should be removed.
- Do not use the device if it is damaged.
- Device must be housed in an appropriate Bait Station such as Eradico Bait Station.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

Note: A. If the equipment is used in a manner not specified by the manufacturer then the protection provided by the equipment may be impaired.
B. Save these instructions.

Attention

Users can perform the maintenance tasks described in this document. Users must not perform any other repairs or maintenance.

Warning

Only personnel with appropriate skills and training must install or service this device. Do not install this device in areas where dangerous concentrations of inflammable or explosive substances may be present in the air. Only install this product into an approved Eradico box shielded from direct sunlight, the device can be installed indoors or outdoors. Do not install the device in a barn, stable, or similar location. Children must not play with this device. The appliance is to be kept out of reach of children.

Warning Translations

NL: Waarschuwing

FR: Avertissement

DE: Warnung

DK: Advarsel

CZ: Varování

ES: Advertencia

PT: Aviso

FI: Varoitus

IT: Avvertenza

SK: Varovanie

SV: Varning

NO: Advarsel

EL: Προειδοποίηση

TR: Uyarı

Product Description

Eradico Gate Connect is a battery powered unit that has been designed to detect rats and mice and provides a barrier between the entry section of a bait box and the bait section when use in conjunction with Eradico Bait Station. Sets of infrared emitters continuously pulse light, and are reflected off the rodent's fur, bouncing back to the infrared detectors, additional sensing is provided by IR beam break, where the beam is completely obscured. The PIR provides additional heat sensing to reduce overall IR operation and hence minimise power usage.

The upper IR sensors are used to detect rats, where as the lower sensors are used to detect small rodents and if the beams from both detectors are broken within one second of each other then this counts as a trigger. Once the sensor is triggered 3 times, with at least a five minutes of no trigger activity, the gate will open allowing the rats to access the bait in the bait section of the box. The advanced settings enable the installer to configure the device to cover a range of different circumstances and conditions.

Note: Please refer to page 16 - "Configuration Mode" for more information

Note: Five minutes of no activations is required to re-arm the sensors to ensure that the gate is not triggered three times by one visiting rodent.

Eradico Gate Connect features a motorised door capable of opening and closing. This enables the bait to be isolated again after the baiting period has ended by automatically closing again after, for example 5 days. There is also an enhanced display that enables the technician to view, for example, number of days since baiting started, number of activations and battery level. All settings for a Connect unit can be carried out via the PestConnect, whereas the Standard unit can be setup using the button/display combination on the unit itself.

Product Functions (Connect Variants Only)

Eradico Gate Connect signals the detection of rodent activity by sending a message to the Connect Control Panel and then server. A technician will receive an alert when required to service the device and arrive promptly to monitor/replace the bait, clean and service the device. Rigorous testing and quality controls have been implemented at every stage of the manufacturing process to ensure that Eradico Gate Connect is a high quality product that is capable of supporting a high quality service proposition.

The Long Reach radio system ensures reliable connectivity remotely to the control panels. Beacon signals are emitted from the control panels, so the Eradico Gate Connect will connect to the control panel with the best

connection. In a system with multiple control panels, the Eradico Gate Connect will select an alternative if the connection to the initial one fails.

The loss of connection to the radio system will cause sensors to retry the connection and attempt to make a new one if it can. If connection continues to be unsuccessful the software automatically increases the time between attempts to conserve battery life.

The maximum number of trapping devices that can be connected to a control panel is 300 and so if more trapping devices are required then an additional control panel will be required.

Limitation of Liability & Damages

The product and the softwares within are provided on an “as is” basis. The manufacturer and manufacturer’s resellers (collectively known as “The Sellers”) disclaim all warranties, express, implied or statutory, including and without limitation the implied warranties of non-infringement, merchantability or fitness for a particular purpose, or any warranties arising from course of dealing, course of performance, or usage of trade. In no event will the sellers be liable for damages or loss, including but not limited to direct, indirect, special, wilful, punitive, incidental, exemplary or consequential damages, damages for loss of business profits, or damages for loss of business of any customer or third party arising out of the use or the inability to use the product, including but not limited to those resulting from defects in the product or documentation. In no event shall the sellers’ total cumulative liability of each and every kind in relation to the product exceed the cost to replace.

The product described in this manual is subject to continuous development and improvement and Rentokil reserve the right to alter the specification or design without prior notice. Rentokil cannot accept any liability for any loss or damage arising from the use of any information contained within this manual, or from any incorrect use of the product described herein. Rentokil can accept no liability whatsoever for any loss or damage arising from the product being serviced maintained or repaired by unauthorised personnel.

Product Disposal

The Waste of Electrical and Electronic Equipment WEEE Directive 2012/19/EU has been put in place to recycle products using best available recovery and recycling techniques to minimise the impact on the environment, treat any hazardous substances and avoid increasing landfill. The symbol shown below and on the product means that the product is classed as Electrical or Electronic Equipment and you should not put it into your domestic waste bin. When you have no more use for it, please dispose of the product according to your local authority’s recycling scheme. For more information, please contact your local authority or the retailer where you bought the product.

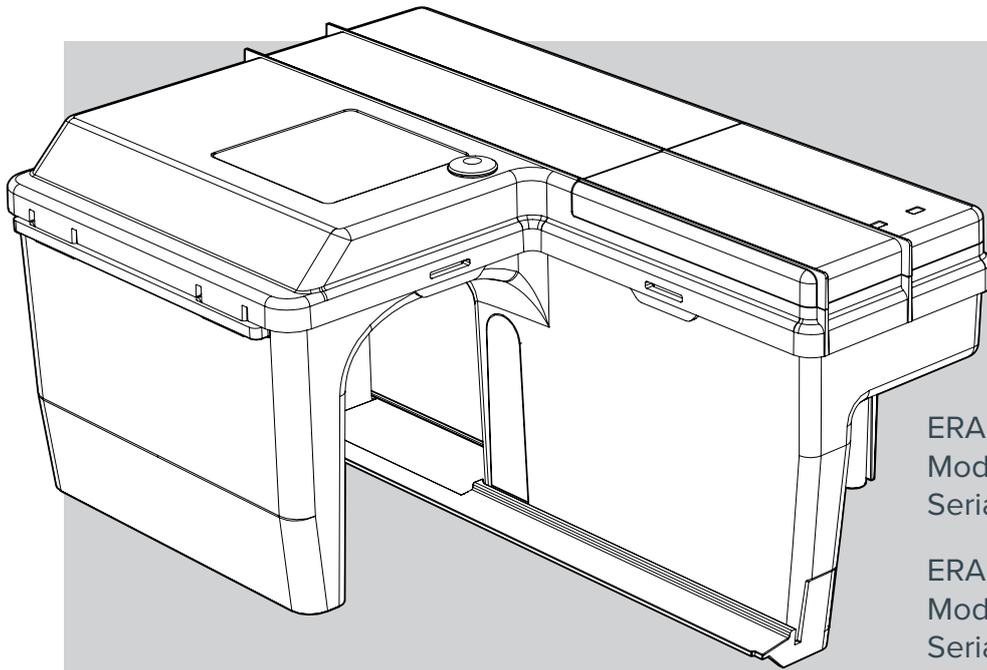


Environmental Restrictions

Environmental Restrictions	Details
High levels of surface water	The system electronics are protected by IP65 rating however excessive levels of water can damage the device. Take care to locate trapping devices away from areas where local high pressure washing is carried out or where the unit could be at risk of being immersed in water.
High levels of dust / grease	It is important that the device is kept clean, especially if installed in areas where high levels dust, grease or spray from water are present. Cleaning guidelines must be followed to prevent damage to the trapping devices.
Knocking / Kicking	Care must be taken to locate trapping devices away from pedestrian traffic to avoid damage.
Extreme Temperatures <-5°C (+23°F) >+50°C (+122°F)	Extremely low temperatures could hinder performance and may result in the device entering low battery status mode.
High humidity (> 80%) condensation	High humidity and / or condensation could result in damage to the device's control electronics and result in false activations.
Indoor and Outdoor use	Eradico Gate Connect can be used both indoors and outdoors and should be housed within the approved Eradico Bait Station.

Product Range

i. SKU Variants

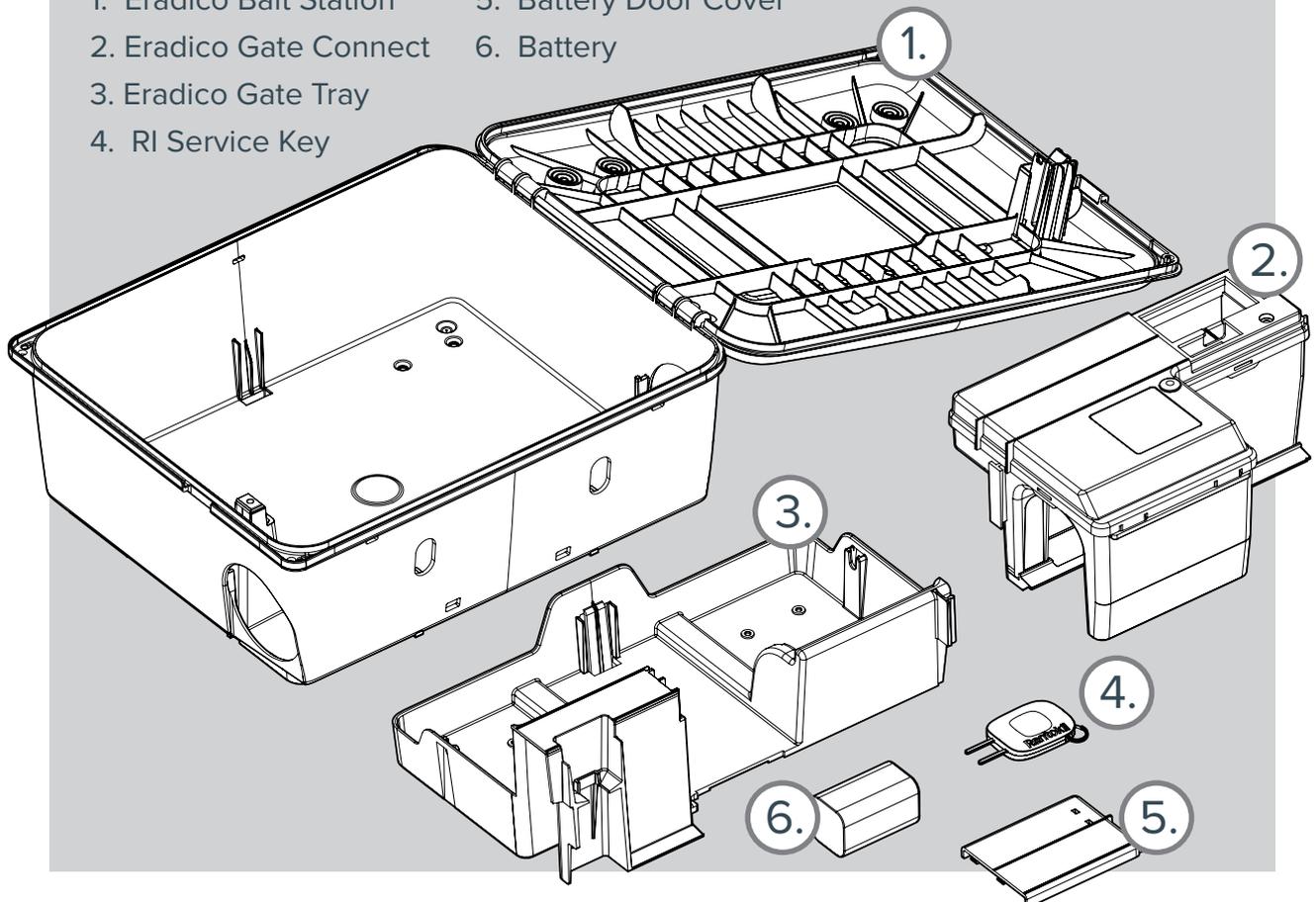


ERADICO GATE Connect
Model No. 305184
Serial No: 920

ERADICO GATE
Model No. 305185
Serial No: 124

ii. Component Parts for Installation

- 1. Eradico Bait Station
- 2. Eradico Gate Connect
- 3. Eradico Gate Tray
- 4. RI Service Key
- 5. Battery Door Cover
- 6. Battery



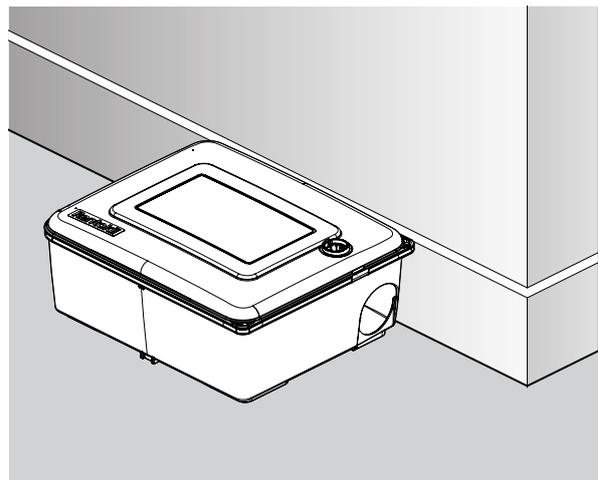
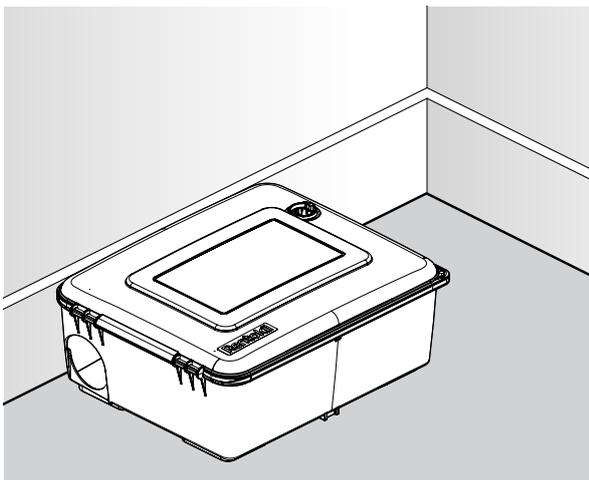
Installation

1. Prior to Eradico Gate Connect Installation

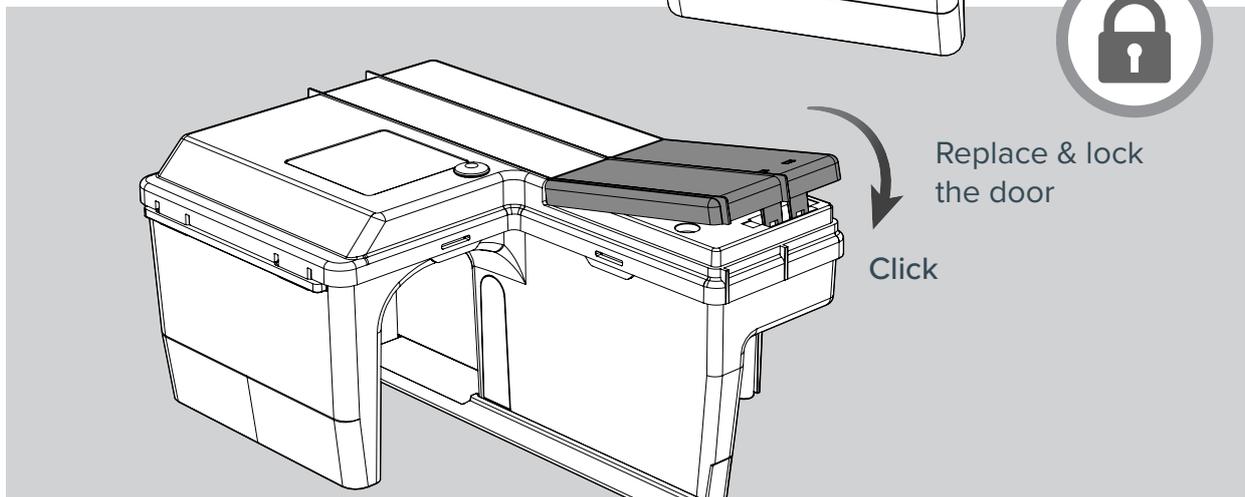
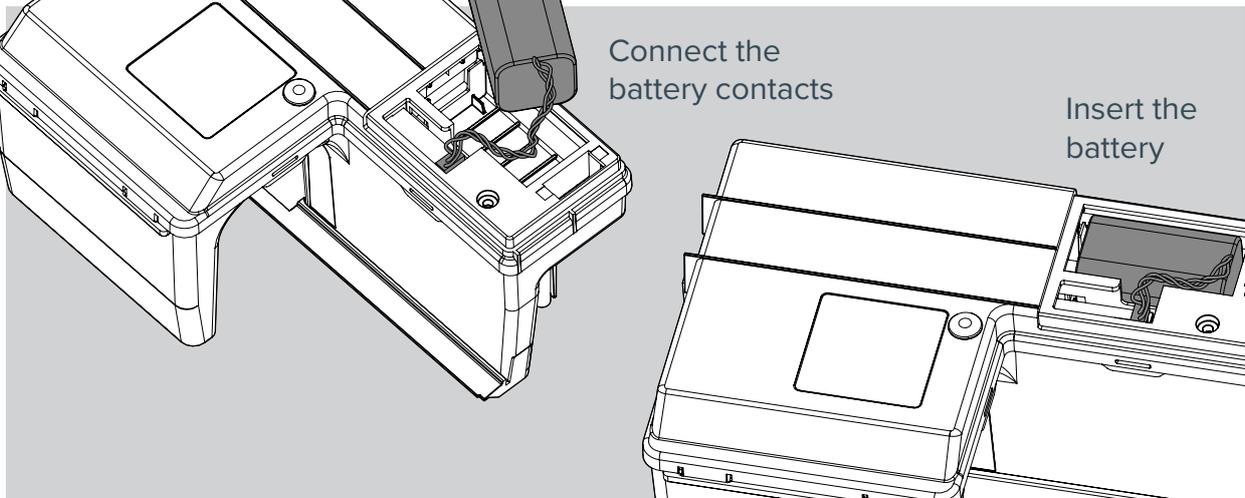
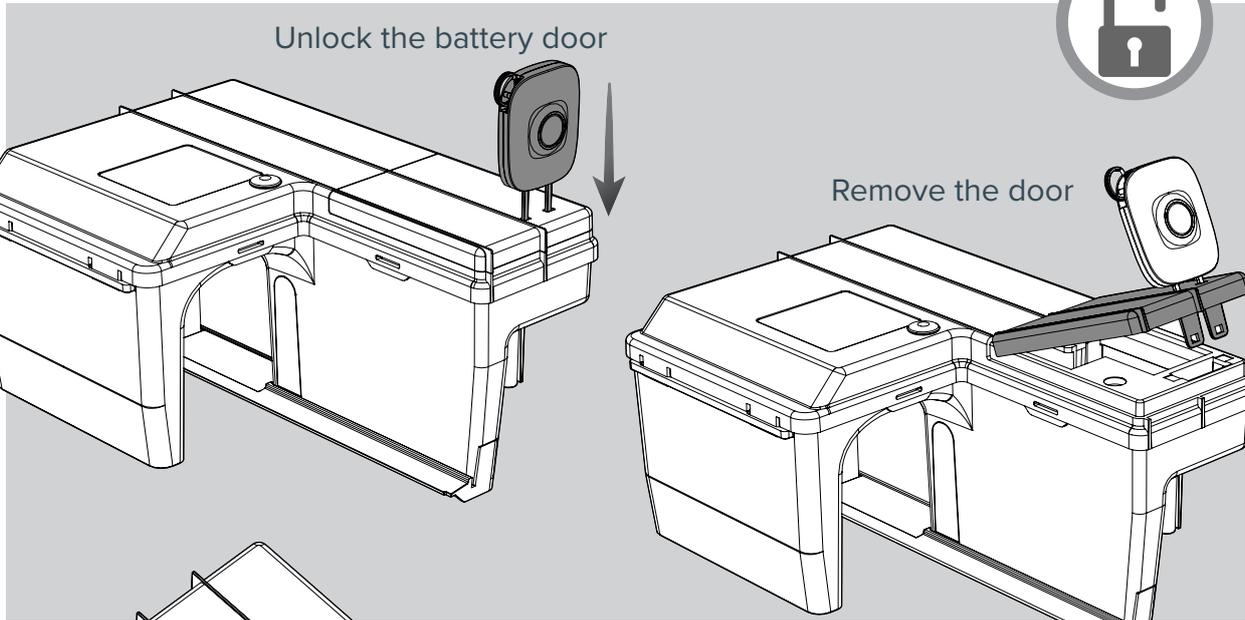
While unpacking, check for any signs of shipment damage and, if found, notify both transporter and supplier in writing immediately of receipt with full details of the damage that has occurred. Retain the equipment and packing materials for inspection. Check that all parts have been received as ordered. Make sure that all packaging is removed from the device before use.

2. Site Installation

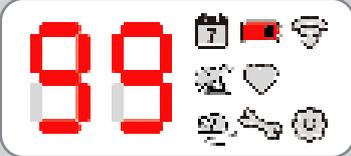
Eradico Gate Connect should be sited along areas where mice/rats most frequently travel. Eradico Gate Connect must always be used in conjunction with Eradico Bait Station as well as a suitable tray for the purpose of the eradication method used (traps, bait, etc). Eradico should be secured with a lanyard or base unit if and where possible to prevent the trapping device being accidentally moved, knocked or removed by unauthorised persons. Eradico Gate Connect may be situated indoors as well as outdoors.



3. Fitting the Battery



4. Battery Level



Battery capacity % displayed for 2 seconds with Battery Level (Icon ) solid.

Eg: Battery is at 99%

5. Site Survey (Connect Variants Only)

After the battery level is displayed, the unit will flash all icons in a test and end showing the Radio Connection Status. This will remain showing for 5 minutes and can be used to assess network signal strength and the number of control panels required for a site.

The user interface LEDs will give a reading r- to r9. Higher the “r” number, the stronger the signal. The Connect LED Identifier (Icon ) will also flash to indicate signal strength:

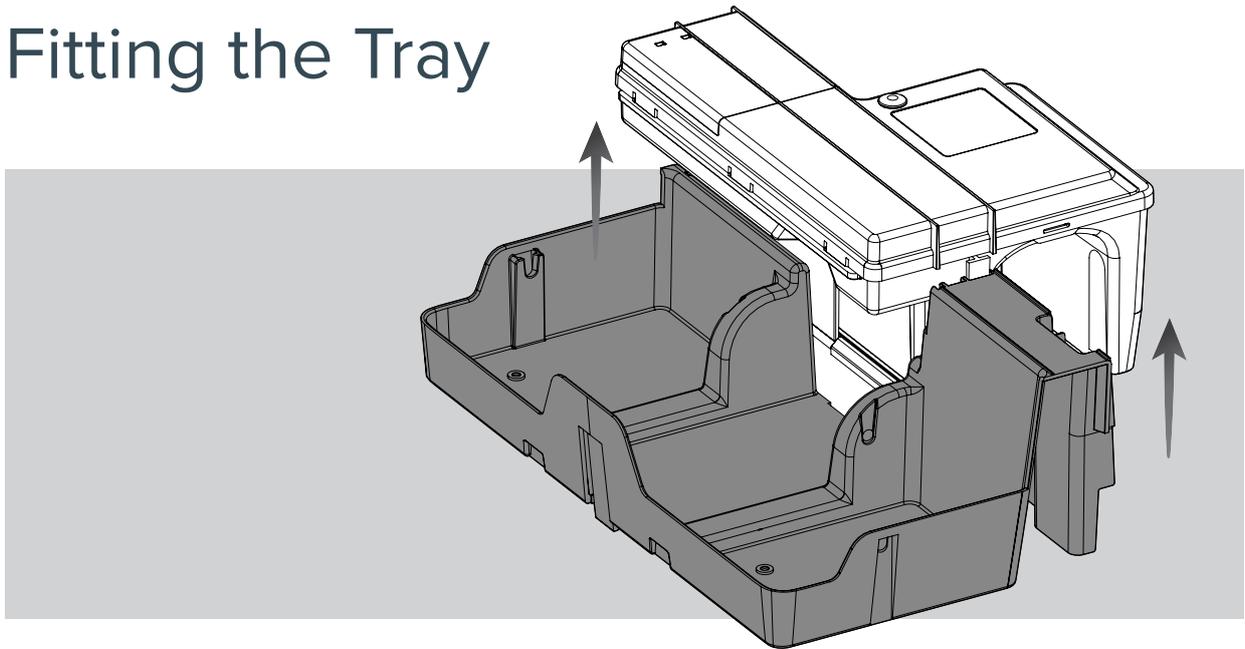
LED IDENTIFIER:

	Flashes Purple: Trying to connect		Flashes Yellow: Weak signal
	Flashes Red: No signal		Flashes Blue: Good signal

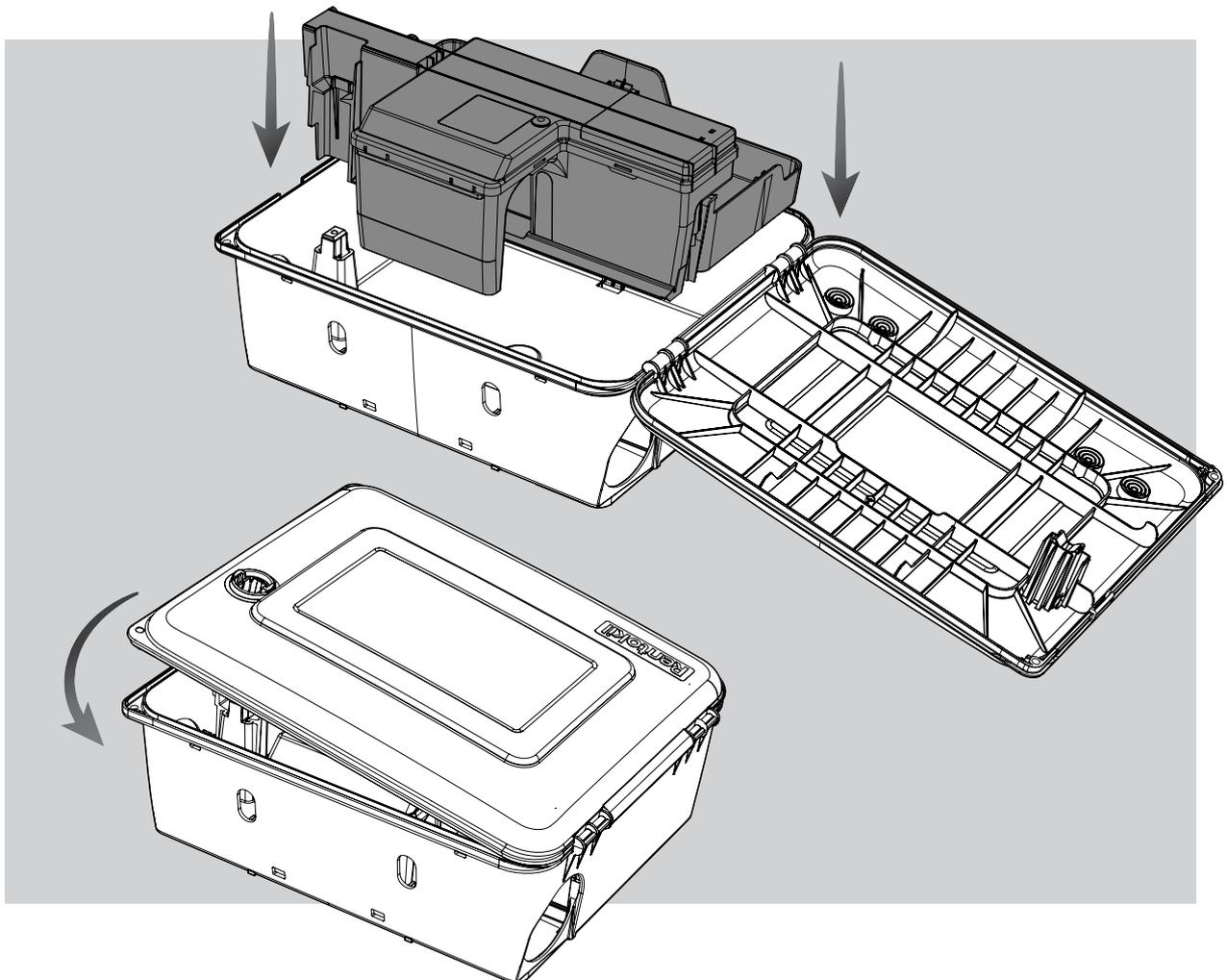
To display the range check for 60min, you must enter “Configuration Mode” see page 16.

If the unit is left at this stage without the pressing of the button for accessing Service Mode, the unit will attempt to self deploy after one hour.

6. Fitting the Tray



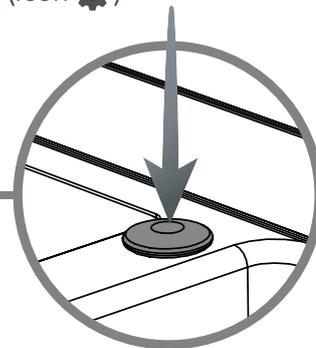
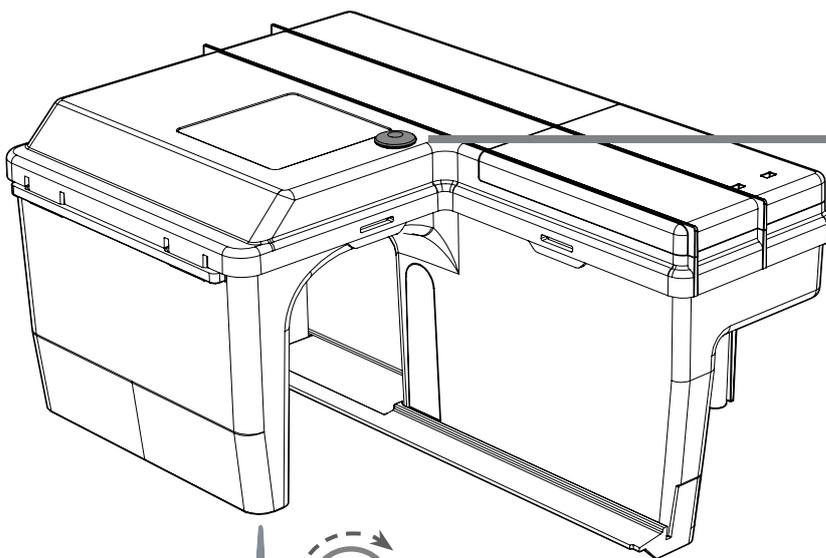
7. Loading the Eradico Gate into the Eradico box



Servicing & Maintenance

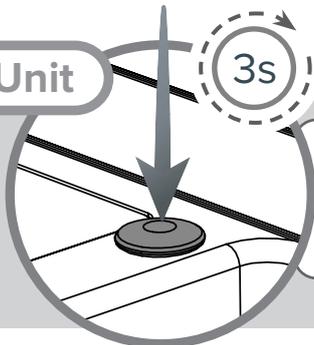
1. Service Mode

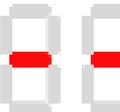
To Enter Service Mode press and release the button, Configuration (Icon ) will be displayed.



Deploy Unit

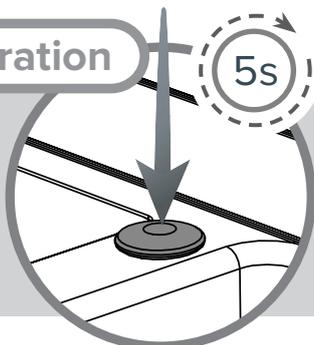
3s



To deploy the unit press and hold the button for three seconds until two dashes () appear. See page 24.

Configuration

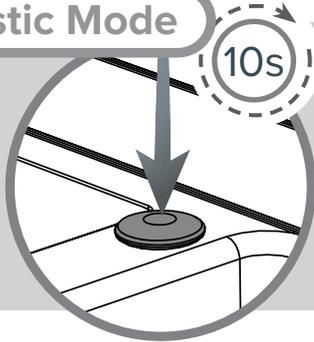
5s



To enter Configuration Mode press and hold button for five seconds. See page 16.

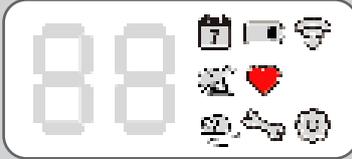
Diagnostic Mode

10s



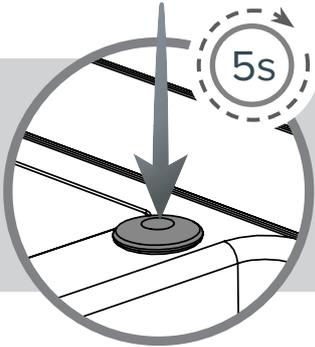
Enter Diagnostic Mode by continuing to hold for ten seconds, beyond the Configuration Mode button hold time of five seconds. The unit counts up to ten, release at ten will put the device into Diagnostic Mode Mode, page 20.

System Status



To view System Status, simply press the button to scroll through different information. If no error is found the UI will display the Device Status (Icon ♥). See page 26.

2. Configuration Mode



To enter Configuration Mode hold the button down for five seconds when in Service Mode, or after first inserting the battery pack.

• Connect Version



Eg: Blue flash, Good Signal

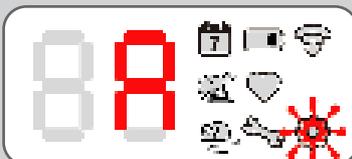
If the Eradico Gate is a Connect version the UI will display an “r” number reading between r- and r9 and the colour of the Connect LED Identifier (Icon 📶) will indicate reception strength, see page 13 for colour codes.

The unit will remain in this mode for one hour unless otherwise exited via a button press.

For an Eradico Gate that is not a Connect version going into the manual configuration will show different information, as described below. To access these settings on a Connect version of Eradico Gate, do so via the Floorplan Application.

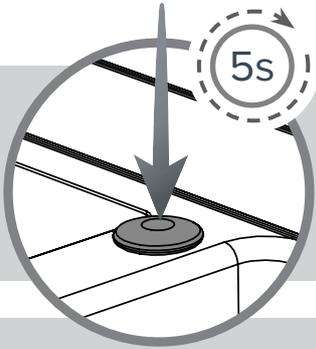
• Non-Connect Version

A Mode - Species Selection



On first entry into the Manual Configuration, the user interface will show 88 with a flashing Configuration (Icon ⚙️). This selects the detection species.

A short press again will go to 'B' Mode (88).

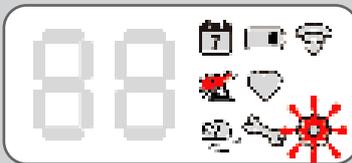


Press and hold button for five seconds to go into the 'A' Mode settings. Once in this mode press the button to cycle between detection options



The first mode displayed after the five second push is Differentiating Mode. A flashing Configuration (Icon ) is displayed along with the Rat (Icon ) and Mouse (Icon )

Press 1



The second mode displayed after a single button push is Rat Only Mode. A flashing Configuration (Icon ) is displayed along with the Rat (Icon )

Press 2



The third mode displayed after a single button push is Rat Mode with Mouse Count (RMWC) Mode. A flashing Configuration (Icon ) is displayed along with the Rat (Icon ) and flashing Mouse (Icon )

This mode will operate the door as configured to do so, but will only count mouse activity - it will not change the door state with mouse activity.

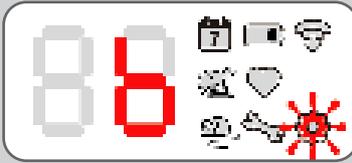
Press 3

A single button push cycles the UI back to the first option screen; Differentiating Mode.

Once you select the correct setting, not pressing the button for five seconds will exit automatically. All icons will clear and the unit will resume its function.

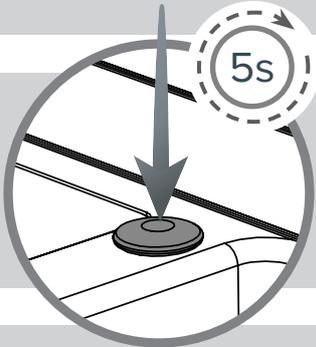
Should you wish to make any other 'A' Mode () , 'B' Mode () or 'C' Mode () changes you will need to hold the button for five seconds again to get back into Manual Configuration.

B Mode - Gate Open Time



In 'B' Mode the user interface will show 88 with a flashing Configuration (Icon ) . In this mode the number of days the gate will remain open for can be set.

A short press again will go to 'C' mode (80).



Press and hold button for five seconds to go into the 'B' Mode settings.



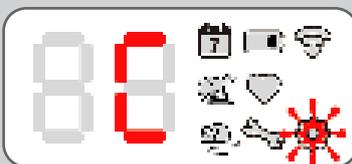
Use the button to increment the count to the number of days the gate will remain open. It can be 1-30 days, 0 days means that the Gate will never close once opened.

Eg: Gate will remain open until the 5th day.

Once you select the correct number of days, not activating the button for five seconds will exit automatically. All icons will clear and the unit will resume its function.

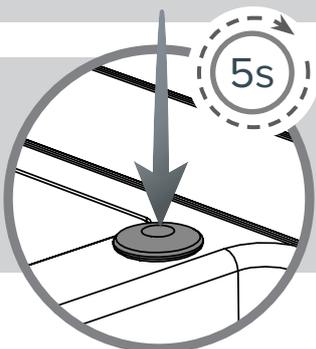
Should you wish to make any other 'A' Mode (88), 'B' Mode (88) or 'C' Mode (80) changes you will need to hold the button for five seconds again to get back into Manual Configuration.

C Mode - Gate Activation Mode

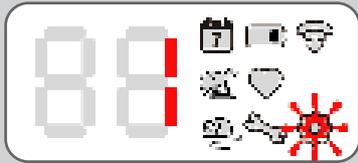


In 'C' Mode the user interface will show 80 with a flashing Configuration (Icon ) . In this mode the Activation Mode for the gate can be selected.

A short press again will go to 'A' mode (88).



Press and hold button for five seconds to go into the 'C' Mode settings.



Eg: Gate will open instantly on detection of activity.

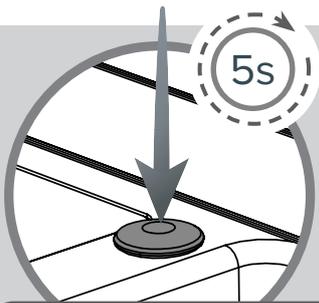
Use the button to cycle through Activation Mode codes:

- 80 Ordinary (requires behavioural activity to open door).
- 81 Instant (opens door on first detection).
- 82 Always open (door is open regardless of activity).
- 83 Always closed (door remains shut regardless of activity).

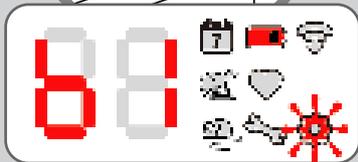
Once you select the correct setting, not activating the button for five seconds will exit automatically. All icons will clear and the unit will resume its function.

Should you wish to make any other 'A' Mode (88), 'B' Mode (88) or 'C' Mode (80) changes you will need to hold the button for five seconds again to get back into Manual Configuration.

3. Unit Information



To view Information about the unit, whenever you see 'A' (88), 'B' (88) or 'C' (80) on the UI press and hold the button for five seconds. At this point the Battery Level (Icon ) will illuminate and Configuration (Icon ) will flash. The UI will show the Battery Type, see below.



Eg: Alkaline battery used

Codes for battery type:

- 81 = Alkaline
- 8F = Unknown

Pressing the button before the 30 seconds time out will show the Configuration (Icon ) flashing and Service Mode (Icon ). This displays the software version.

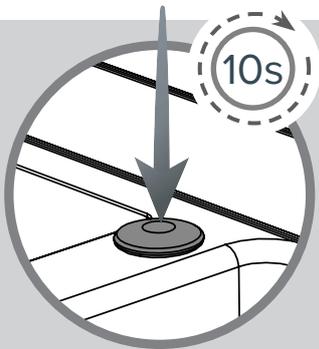


Example: Version 1.2.0001 would show as 12, then 00 with the Rat (Icon ) lit, then 01 with the Mouse (Icon ) lit.

To exit here, do not press the button and after 30 seconds the unit display will clear and the unit will go back to its previous operating state.

4. Diagnostic Mode

Diagnostic Mode is not for general use/operation. It is designed to assist in more advanced troubleshooting of a device which is experiencing difficulties in operation.



If you entered Diagnostic Mode from the Service and Maintenance section on Page 15, then skip this section. Otherwise go up to the device and press the button once. You will then either see an Error code or Device Status (Icon ♥). At which point press and hold the button for ten seconds and the display will count up, release when it gets to ten.

To exit the Diagnostic Mode, you must remove the battery and reinsert it.

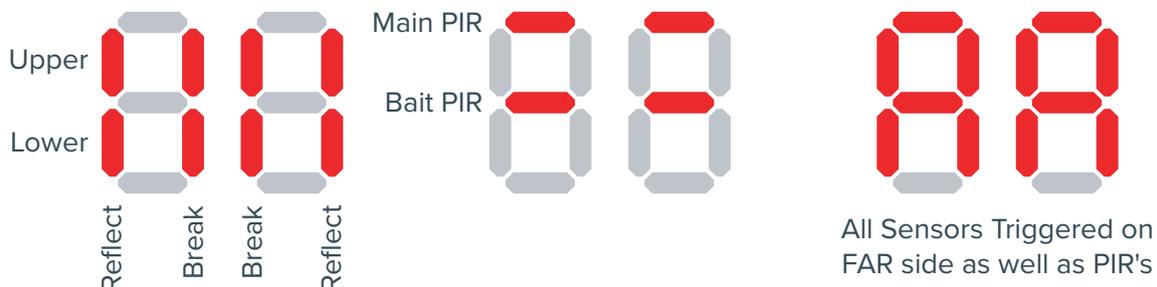
● Sensor Test



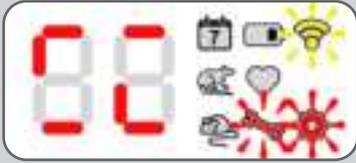
This will be the first screen seen once in Diagnostic Mode. When in Sensor Test the Connect LED Identifier (Icon 📶) will flash yellow along with the Service Mode (Icon 🛠️) and Configuration (Icon ⚙️) in red.

This tests IR beams which are interrupted, as well as IR beams which are reflected back. The display will show the following as and when the individual sensors are triggered including the PIR (bait sensor and run (main) sensor - dome sensors):

LHS 7 segment references LHS sensors of unit, RHS 7 segment references RHS sensors of unit



The Eradico Gate Connect device has “Near” IR sensors - those IR sensors which sit either side of the gate, and “FAR” Sensors - those IR sensors that sit opposite to the gate. When displaying the NEAR IR status, the bottom LED bar will be illuminated, when displaying the FAR IR status, the bottom LED bars will not be illuminated. To switch between the status of NEAR and FAR Sensors, press the button.

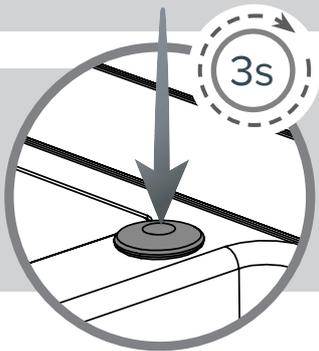


Example:

- This is referencing the Near side IR Sensors. (Bottom horizontal bars illuminated).
- Main PIR is triggered. (Top horizontal bars illuminated).
- Bait PIR is NOT triggered. (Middle horizontal bars not illuminated).
- NEAR upper left side IR reflect, is triggered. (All other reflect sensors not detecting any activity).
- NEAR lower right side IR beam break, is triggered. (All other beam break sensors not detecting any activity).

Thus if you had a persistent 'CL' ([]) message, from the example above, concentrate on any obstructions/contamination on NEAR Side, upper lens area of sensor on the LHS, and lower lens area of the sensor on the RHS. Also as PIR detects heat signature, unless you have your hand/body in front of the PIR's these should not be triggering.

The example display above operates DYNAMICALLY, meaning as and when blockages come in they are displayed, when they are removed, then display is updated accordingly.



To move to LED Test, press and hold the button for three seconds. To exit the Diagnostic Mode, you must remove the battery and reinsert it.

• LED Test



When in LED Test the Connect LED Identifier (Icon ), Service Mode (Icon ) and Configuration (Icon ) will flash red.

Press 1



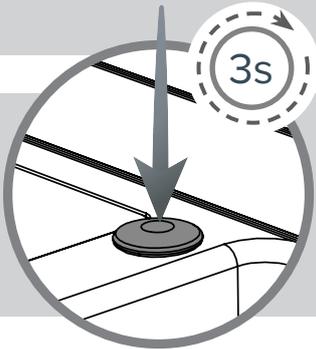
First press of the button causes all LED's to turn off except the Connect LED Identifier (Icon ) will remain flashing and the Mouse (Icon ) will also flash.

Press 2



Second press of the button causes all LED's to turn on, the Connect LED Identifier (Icon ) will remain flashing and the Rat (Icon ) will also flash.

Press 3



Third press repeats the LED Test cycle.

To move to Gate Test, press and hold the button for three seconds. To exit the Diagnostic Mode, you must remove the battery and reinsert it.

• Gate Test



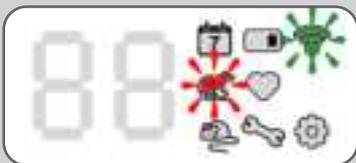
When in Gate Test the Connect LED Identifier (Icon ) will flash green, while the Service Mode (Icon ) and Configuration (Icon ) will flash red.

Press 1



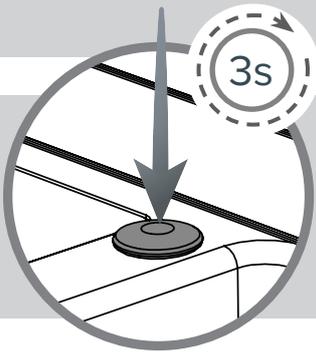
First press of the button should cause the gate to open, if it is detected as being open the Mouse (Icon ) will flash. The Connect LED Identifier (Icon ) will continue to flash green.

Press 2



Second press of the button should cause the gate to close, if it is detected as being closed the Rat (Icon ) will flash. The Connect LED Identifier (Icon ) will continue to flash green.

Press 3



Third press repeats the Gate Test cycle.

To move to Battery and Accelerometer Test, press and hold the button for three seconds. To exit the Diagnostic Mode, you must remove the battery and reinsert it.

• Battery and Accelerometer Test



When in Battery and Accelerometer Test the Connect LED Identifier (Icon ) will flash purple, while the Service Mode (Icon ) and Configuration (Icon ) will flash red.

Press 1



First press of the button causes the battery type to be displayed; if using the alkaline pack, 'b1' () will be displayed. The Mouse (Icon ) will flash red and the Connect LED Identifier (Icon ) will continue to flash purple.

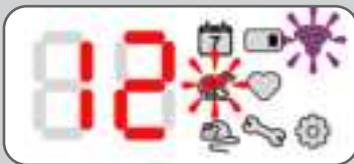
Press 2



Eg: Battery at 99%

Second press of the button causes the remaining battery charge to be displayed as a percentage. The Mouse (Icon ) will flash red and the Connect LED Identifier (Icon ) will continue to flash purple.

Press 3

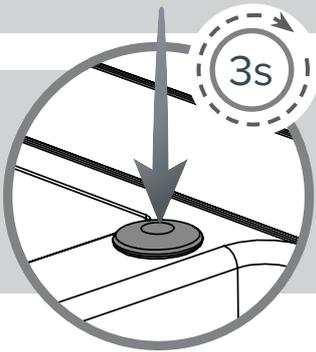


Eg: 12 accelerometer triggers

Third press of the button displays the number of accelerometer triggers. The Rat (Icon ) will flash red and the Connect LED Identifier (Icon ) will continue to flash purple.

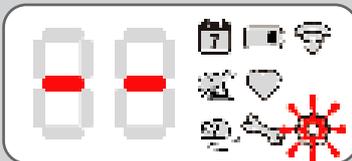
Press 4

Third press repeats the Battery and Accelerometer Test cycle.

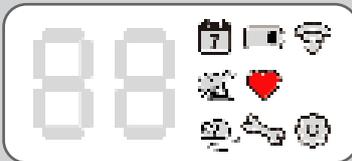


To go back to Sensor Test, press and hold the button for three seconds. To exit the Diagnostic Mode, you must remove the battery and reinsert it.

5. Deploying the Device



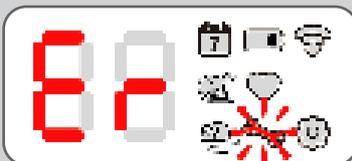
Deploying the device, will count the UI from '0' (00) up to '9' (89) quickly, then cycle the icons and end on a flashing Configuration (Icon ⚙️) and two dashes (88).



From above dash and flashing Configuration (Icon ⚙️) a good unit will display the Device Status (Icon ❤️) after moving the gate automatically, or will display 'FA' (FA) or 'Er' (Er) if there is an issue. 'FA' is a critical error and the unit needs to be decommissioned. 'Er' means the unit still might be functional but there may be some sort of obstruction around the gate and/or sensors.



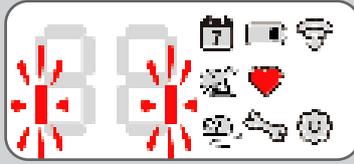
The motor will be tested to ensure it is in working order, this is done first without moving the gate, if the motor is "Not detected" a flashing Service Mode (Icon 🔧) will illuminate and 'FA' (FA) will be displayed. Hold the button down for the failure reason.



Provided the motor is detected, the sensors are then automatically tested for obstructions. If there are issue(s) with the sensors, then 'Er' (Er) will be displayed, press the button to get further information, if 'FA' appears hold the button for further information.

If 'FA' (FA) is the prevailing condition the unit must be removed from the site.

Provided the sensors are all operational, then the gate will move from its current position to the other extreme and back again) automatically. If there are issue(s) with the gate opening/closing or detection of the gate position, then 'Er' will be displayed, press the button to get further information, if 'FA' appears hold the button for further information.



If at this point everything passes the Device Status (Icon ♥) will be displayed. If there is an obstruction the outer bars on the UI will flash every second. This means the unit will still deploy but there may be diminished capacity;

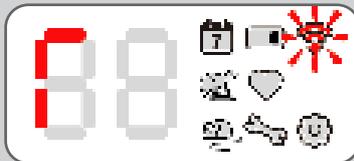
- If in rat mode and the lower sensors are obstructed the unit will still deploy after one attempt to clean them.
- If the sensors are 'degraded' i.e. partially working, the unit will still deploy after one attempt to clean them.

You may consider Diagnostic Mode, via service routine and identifying which sensor is obstructed if general cleaning did not remove the obstruction. Otherwise allow the unit to deploy with the obstruction.



Eg: Good radio signal

The radio connection strength will flash appropriately depending on the signal strength along with an 'r' number. If no connection found the Connect LED Identifier (Icon 📶) LED flashes red for ten seconds



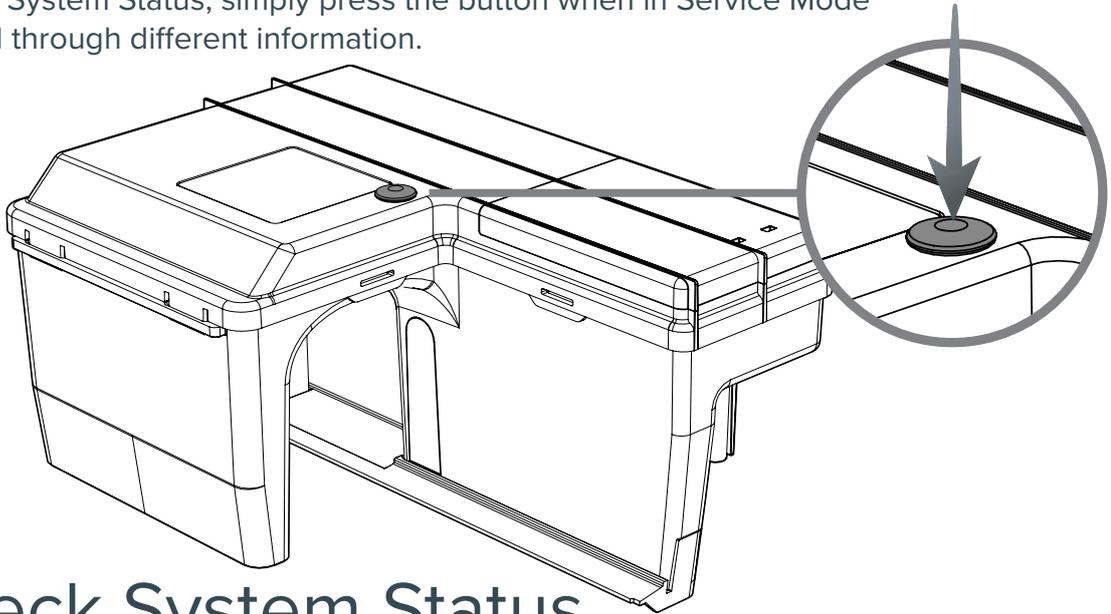
Eg: No radio connection found

To clear the display and deploy the unit either wait two minutes for the radio connection information to clear automatically, or press the button to clear it and deploy immediately.

System Status

1. Enter System Status

To view System Status, simply press the button when in Service Mode to scroll through different information.



2. Check System Status

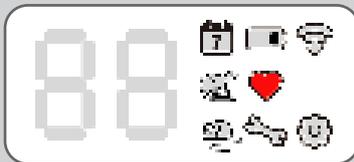
Press 1



Eg: E9 Gate Function Error

If there is an error the error code will be displayed on the UI along with the Service Mode (Icon ) flashing.

For troubleshooting errors to do with the PIR/IR you can enter Sensor Test (page 20) for further details.



If no error is found the UI will display the Device Status (Icon ) .

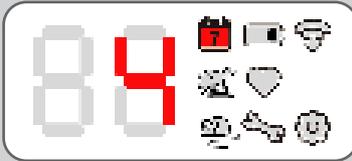
Press 2



Eg: Battery at 99%

Second press of the button will display the Battery Level (Icon ) on the UI along with the remaining battery volume as a percentage.

Press 3



Third press of the button will display the Catch Duration (Icon ) on the UI along with the number of days the gate has been open for.

Eg: Gate open for four days

Press 4



Fourth press of the button will display the Rat (Icon ) on the UI along with the number of active rats that have been detected.

Eg: 13 Rats

Press 5



Fifth press of the button will display the Mouse (Icon ) on the UI along with the number of active mice that have been detected.

Eg: 13 Mice



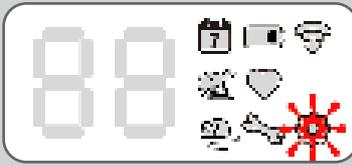
If the unit is configured to Rat only mode, the UI will display double dash instead of a number when the Mouse (Icon ) is lit (i.e. no counting of mice).

Press 6

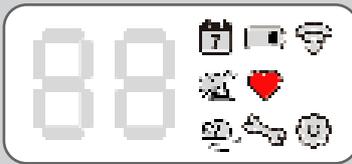
Sixth press of the button will cycle the UI back to the start of System Status, the UI will display Service Mode (Icon ) or Device Status (Icon .

To exit this mode, either wait 60s at which point the display clears and the unit will try to self deploy after 1 hour, or press and hold the button for three seconds to deploy the unit. The unit may not deploy if there are errors, or will work in a sub optimal condition when something other than Device Status (Icon ) is being lit.

3. Deploying the Device



An attempt to deploy will cycle all the led's and icons and end on a flashing Configuration (Icon ) , while the unit attempts to test the gate open/close.



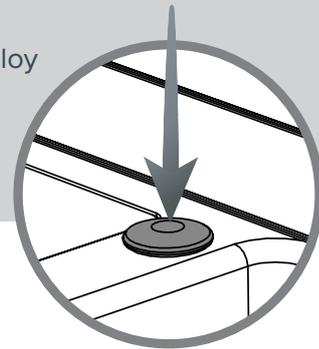
A successful movement and devices self detection of the gate will be indicated by the Device Status (Icon ) .



Eg: Blue flash, Good Signal

A Connect unit will then display an “r” number reading between r- and r9 and the colour of the Connect LED Identifier (Icon ) will indicate reception strength, see page 13 for colour codes. This will be displayed for two minutes.

To clear the display and deploy sooner, press the button.



Operating the User Interface (UI)

1

Catch Duration



Number of days since each chamber has been activated



Eg: Gate has been open for three days.

2

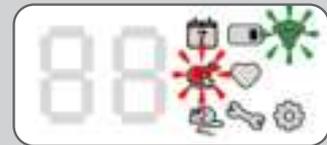
Rat



Used to indicate Rat has been selected as target species during Configuration Mode (page 16) and number of rats detected (page 27). Also used to differentiate selections and states.



Eg: 13 rats have been detected.



Eg: Gate is detected as being closed during Gate Test.

3

Mouse



Used to indicate Mouse has been selected as target species during Configuration Mode (page 16) and number of mice detected (page 27). Also used to differentiate selections and states.



Eg: 13 mice have been detected.



Eg: Gate is detected as being open during Gate Test.

4

Battery Level



Percentage of battery capacity remaining is displayed. When this icon is displayed alongside Configuration (Icon ) battery type is displayed.



Eg: 30% battery remaining



Eg: Alkaline battery used

Codes for battery type:

 = Alkaline

 = Unknown



5 Device Status



Identifies the unit as deployable. A service is complete, or no service is required.



6 Service Mode

Indicates a service is required when displayed with an error code, or indicates when the unit is in Test Mode when displayed alongside Configuration (Icon ) and Connect LED Identifier (Icon )



Eg: E9 Error, Sensor Malfuntion. See page 31 for Error and Fault codes.



Eg: Unit is in Gate Test mode.



7 Connect LED Identifier

CONNECT devices only

The user interface LEDs will give a reading r- to r9. Higher the “r” number, the stronger the signal. The signal strength will show for 1 hour.



Flashes **Purple**, 3 second intervals = Trying to connect
Flashes **Red**, 3 second intervals = No signal
Flashes **Yellow**, 3 second intervals = Weak signal
Flashes **Blue**, 3 second intervals = Good signal

See page 13 for more information on conducting a Site Survey.



8 Configuration

Icon displayed alongside other icons during Configuration Mode (page 16) or when in Unit Information (page 19). Also indicates when the unit is in Test Mode when displayed alongside Service Mode (Icon ) and Configuration (Icon )



Eg: Rat Only Mode selected in Configuration Mode.



Eg: Unit is in Sensor Test mode.

Error and Fault Codes

If the ERADICO GATE detects an error, it will self diagnose and display an Error or Fault Code during Status Check



Error Code	Status	Action
<20%	Battery below 20% charge	Replace Battery
CL	Sensors blocked or degraded	Clean sensors
E4	Anti-Tamper	???
E9	Gate function error	Check gate for obstruction
EA	Technician Test not completed	Service unit
Eb	Sensor Self-Test failed	Service unit and check for damage
EC	Not deployed	Service unit
EE	Rapid Flash (???)	???
Er	Triggered	Service Device

Fault Code	Status	Action
FA	General Fault Code	Press button to reveal reason
F2	Radio Version too low	???
F3	Radio failed to initialise	???
F5	Motor not detected	Service unit and check for damage
F6	Temp sense comms fail	Service unit and check for damage
F8	Accelerometer comms fail	Service unit and check for damage
F9	Sensor Malfunction	Service unit and check for damage
FF	Remove from field (remote request)	Remove from site

Further Information

Technical Details

Power Supply	
Battery Details	Use only Rentokil-Initial battery packs 6v output - 4 x AA cell battery pack -5°C to 50°C (23°F to 122°F) Operating Temperature range
Physical	
Dimensions (Single)	208mm x 143mm x 101mm (8.19" x 5.63" x 3.98")
Weight (Single)	xxxg (xxoz) [Excluding battery]
Material	POM and PP.
Operating Temperature	-5°C to 50°C (23°F to 122°F)
Storage Temperature	-20°C to 65°C (-4°F to 149°F)
Environmental Rating	IP65
Connect Only	
Interface	868-928MHz depending on local Approvals Rentokil Initial Proprietary Application Layer Protocol
Max Number of ERADICO GATE CONNECTS per control panel	300

Product Code Summary

SKU	Product
305184	ERADICO GATE Connect
305185	ERADICO GATE

SKU	Accessories
304751	Pest Key
310330	ERADICO GATE Tray
304876	Alkaline Battery Pack
305362	Eradico Bait Station

Approvals FCC PART 15 CLASS B, and CE compliant

FCC Warning Statement:

- This device complies with Part 15 of the FCC Rules.
Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.
- This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- This equipment contains: FCC ID: 2AK3P-5000004 and IC: 22408-5000004.

Note:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.



ISED Warning Statement:

- This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:
 - (1) This device may not cause interference; and
 - (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Industry Canada

- L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:
 - 1) L'appareil ne doit pas produire de brouillage;
 - 2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet émetteur ne doit pas être colocalisé ou fonctionner en conjonction avec une autre antenne ou un autre émetteur.

The device meets the exemption from the routine evaluation limits in section 2.5 of RSS-102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

Le dispositif rencontre l'exemption des limites courantes d'évaluation dans la section 2.5 de RSS 102 et la conformité à l'exposition de RSS-102 rf, utilisateurs peut obtenir l'information canadienne sur l'exposition et la conformité de rf.

Cet émetteur ne doit pas être Co-placé ou ne fonctionnant en même temps qu'aucune autre antenne ou émetteur. Cet équipement devrait être installé et actionné avec une distance minimum de 20 centimètres entre le radiateur et votre corps.

Rentokil

Why Choose Rentokil?

Rentokil is the global leader in pest control, bringing expert, reliable and professional service to commercial and residential customers in over 60 countries worldwide. As the experts in pest control, we work closely with you to:

Give you peace of mind.

With over 12,000 qualified technicians worldwide, we have extensive experience across a wide range of industry sectors. Our experts work proactively in partnership with you to minimise the threat of pest infestations in your business.

Safeguard your reputation

We take a dual approach, incorporating both preventative and responsive strategies to enhance protection for your business through a consistent, continuous pest control programme.

Neither the whole nor any part of the information described in this manual, nor the product therein described, may be adapted or reproduced in any form without prior written approval of Rentokil.

The product described in this manual is subject to continuous development and improvement and Rentokil reserve the right to alter the specification or design without prior notice. Rentokil cannot accept any liability for any loss or damage arising from the use of any information contained within this manual, or from any incorrect use of the product described herein. Rentokil can accept no liability whatsoever for any loss or damage arising from the product being serviced maintained or repaired by unauthorised personnel.

For more information about Rentokil visit www.rentokil.com
Registered Design - refer to www.rentokil-initial.com/ip

© 2020 RENTOKIL INITIAL PLC ALL RIGHTS RESERVED

2020 Rentokil Initial plc. Registered in England 5393279.
Registered office: Rentokil Initial 1927 plc, Compass House,
Manor Royal, Crawley, West Sussex, RH10 9PY
The names Rentokil® and Initial® are registered trademarks