Contents

Recommendations

When this product is opened its internal components may be damaged by electrostatic discharge. The following precautions must therefore be taken during maintenance or repair operations:

- do not touch the electronic components or metal parts of their connections either directly or with a metal tool,
- use non-magnetic tools,
- touch a bare metallic surface such as a water pipe or earthed electrical devices before accessing the internal components,
- avoid moving around when accessing the internal components several times during the same operation to avoid electrostatic charge build-up. Otherwise, apply the precautions above every time you need to access the components.

G
B

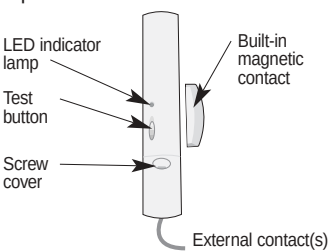
Presentation

The universal transmitter is used to protect openings (doors, windows, etc.) or roller shutter blinds/security shutters.

These detectors are only compatible with the TwinPass® (2 aerial) control panels.

It has a built-in contact that detects entrance opening and a terminal block for connecting external contacts or sensors such as:

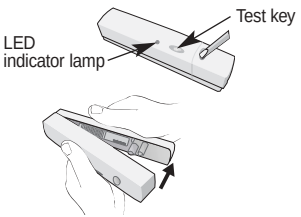
- normally closed magnetic contacts (surface mounted, wide gap, etc.),
- roller shutter blind sensors,
- piezo-electric glassbreak sensors,
- shock sensors,
- pressure mats.



Preparation

Opening

- Loosen the screws using a crosshead screwdriver.
- Unclip the cover from the base.



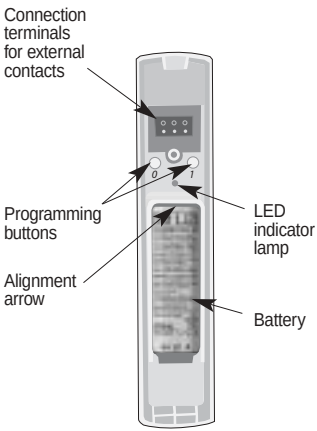
Guarantee sticker

- Detach the pre-cut part of the guarantee sticker inside the base and stick it to the guarantee extension request provided with the control panel.
- For additional system parts, stick the guarantee sticker to the guarantee extension request provided with the product.

Power supply

Connect the lithium battery pack according to the arrow.

When switched on the transmitter performs a self-test: the LED indicator lamp briefly lights up.



GB

Programming the customized radio code into the detector

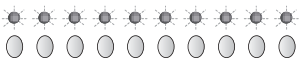
① Use the customized radio code chosen in the **"Choose a customized radio code"** paragraph of the system guide.

No. of presses	1	2	3	4	5	6	7	8	9	10
Customized radio code										
Contact detector code										

GB

② Check the boxes in the 1st line corresponding to the code selected.
③ On the 2nd line of the table write a "0" (zero) below each cross. Fill in every remaining box with a "1".
④ Program the radio code by pressing the "0" and "1" keys on the detector as described below:

To start programming **simultaneously** press & hold the 0 and 1 keys until the LED indicator lamp goes out



Press keys 0 & 1 **ten times** according to the installation code

Simultaneously press on the 0 & 1 keys until the LED indicator lamp goes out. The LED indicator lamp will then light up for 5 sec. to indicate successful programming

In the event of a programming error, the red LED indicator lamp flashes. The initially programmed code is kept.
The unit must be programmed again from the beginning.

Hold the detector in your hands during programming, making sure that you do not press the test button.

For a control panel other than L3310 : allocate a detector to a group

Programming is carried out using the “0” and “1” keys on the detector.

Choice of detector code

	Group code	Internal contact type		External contact type	
Transmitter code (fill in according to programming options)					
Programming options	See following table	NC	NO	NC	NO
		0	1	0	1

Group	Universal transmitter operation		Group code
	control panel in *Partial operation mode* *Total operation mode*	control panel in *Group 1/Group 2 mode* *Independent groups mode*	
Group 1 Group 1 immediate	Active in Partial and Total operation modes Immediate triggering	Active in Group 1 operation mode Active in Group 1+2 operation mode Immediate triggering	0 0
Group 2 Group 1 time delayed	Active in Partial and Total operation modes Immediate or time delayed triggering	Active in Group 1 operation mode Active in Group 1+2 operation mode Immediate or time delayed triggering	0 1
Group 3 Group 2 immediate	Active in Total operation mode Inactive in Partial operation mode Immediate triggering	Active in Group 2 operation mode Active in Group 3+4 operation mode Immediate triggering	1 0
Group 4 Group 2 time delayed	Active in Total operation mode Inactive in Partial operation mode Immediate or time delayed triggering	Active in Group 2 operation mode Active in Group 3+4 operation mode Immediate or time delayed triggering	1 1

It is recommended that the detectors are spread over the 4 groups so that a detector requiring new batteries can be more easily identified.

Programmation

Group allocation

Carry out the following to allocate groups:

			
Start the programming by pressing both keys simultaneously until the indicator lamp goes out.	Press both keys simultaneously again until the indicator lamp goes out.	Carry out the 4 successive short presses corresponding to the code of the group to be programmed.	Confirm programming by pressing both keys simultaneously until the indicator lamp goes out. The indicator lamp lights up for 5 s to indicate programming has been successful.

In the event of a programming error, the red indicator lamp flashes quickly; reprogram the unit again from the beginning.

Checking

The control panel must be in test mode for checking.

- To check the group has been correctly allocated, briefly press the Test button on the detector and ensure that the control panel responds:
  - with an audible signal; and an indicator lamp on the control panel lights up,
  - or with a voice message corresponding to the chosen allocation.

  If your control panel does not respond as it should, carry out the detector coding again.
- To modify this setting at a later date, carry out the procedure for allocating the detector to a group again.

GB

For an L3310 control panel: allocate an identification number to the contact detector

Choice of detector number

	Transmitter number	Internal contact type		External contact type	
Transmitter code (fill in according to programming options)					
Programming options	See following table	NC	NO	NC	NO
		0	1	0	1

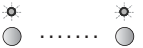
Choose a no. from 1 to 15	Code to be programmed				
N° 1	1	0	1	1	1
N° 2	1	0	1	0	1
N° 3	1	0	0	1	1
N° 4	1	0	0	0	1
N° 5	1	1	1	1	0
N° 6	1	1	1	0	0
N° 7	1	1	0	1	0
N° 8	1	1	0	0	0
N° 9	1	0	1	1	0
N° 10	1	0	1	0	0
N° 11	1	0	0	1	0
N° 12	1	0	0	0	0
N° 13	0	1	1	1	0
N° 14	0	1	1	0	0
N° 15	0	1	0	1	0

For the system to operate correctly the same number must not be allocated to several detectors.

Programmation

Detector number allocation

Carry out the following to allocate a number:

			
Start the programming by pressing both keys simultaneously until the indicator lamp goes out.	Press both keys simultaneously again until the indicator lamp goes out.	Carry out the **7 successive short** presses corresponding to the detector number to be programmed.	Confirm programming by pressing both keys simultaneously until the indicator lamp goes out. The indicator lamp lights up for 5 s to indicate programming has been successful.

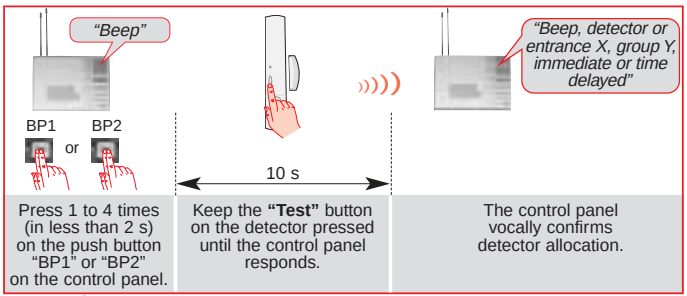
In the event of a programming error, the red indicator lamp flashes quickly; reprogram the unit again from the beginning.

Programmation

Allocating the detector to a group

The detectors must be identified as an entrance or a detector and then allocated to one of the two groups with immediate or delayed triggering.

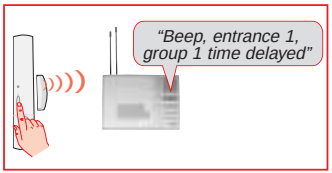
- To identify a detector as “entrance” (only for contact detectors), use the push button BP1 on the control panel
- To identify a detector as “detector” (all other detectors), use the push button BP2 on the control panel.



No. of presses on BP1 or BP2	Choice of group
1	Group 1 immediate
2	Group 1 time delayed
3	Group 2 immediate
4	Group 2 time delayed

Checking

To check detector allocation, briefly press the Test button on the detector and ensure that the control panel responds with a voice message corresponding to the chosen allocation.



If the control panel does not respond as it should, carry out the detector coding again.

The control panel must be in test mode.

Choosing the best place

The universal transmitter must be placed:

- inside the building,
- on the frame of the entrance to be protected, at least 1 m above ground level,
- far away from any sources of interference (electricity meter, etc.),
- directed towards the inside of the room to be protected,
- if the universal transmitter has to be fixed to a metallic surface, insert a 20 mm thick (minimum) wooden or plastic spacer between the base and the metallic surface.

Wiring and fixing the universal transmitter

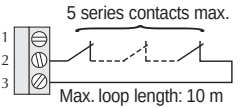
Wiring

The wires are connected to the terminal block in the base.
After the cover is clipped on to the base, the pins located inside the cover make automatic contact.
The terminal block has 3 terminals:

- **(1):** not used.
- **Main (2):** main common terminal.
- **Loop (3):** loop connection terminal (monitors opening and closing of protected entrance).

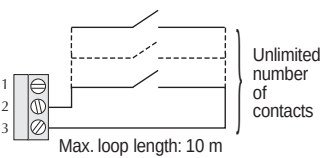
- **Example 1**

Series-wired NC contacts:



- **Example 2**

Parallel-wired **NO contacts**

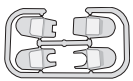


Installing

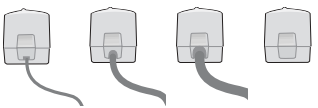
Fixing the transmitter

Fix the back plate to the wall using 2 screws suitable for wall fixing.
Before closing the cover, choose a bushing connector to match the cable cross-section (see following diagrams).

- Cable bushings

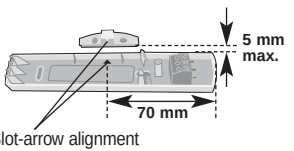


- 4 assembly options



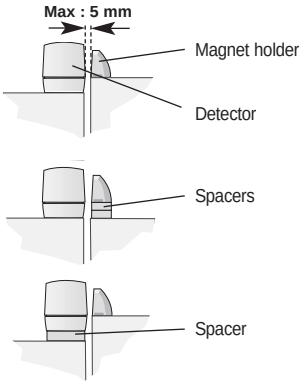
Fixing the magnet holder

When the entrance is closed the magnet holder must be positioned opposite the built-in normally closed contact less than 5 mm away from it.
Align the vertical slot on the magnet holder with the arrow located on the base of the transmitter.



The parts must be laterally aligned and their height adjusted for the built-in contact to operate correctly.

Adjust the height of the magnet holder according to the diagrams below.

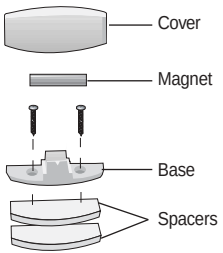


If necessary use the spacers supplied for the magnet holder or position a spacer below the detector/transmitter..

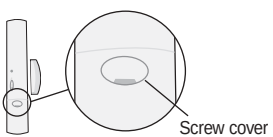
G
B

Installing

Fix the base of the magnet holder, place the magnet inside the cover and clip it to the base plate.



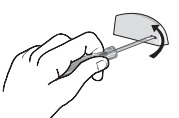
Clip and then screw the detector to its base. Position the screw cover (delivered with the magnet holder assembly) on the cover.



Overview of closing and opening distances between the universal transmitter and the magnet used by the built-in contact to analyse any change in entrance status.

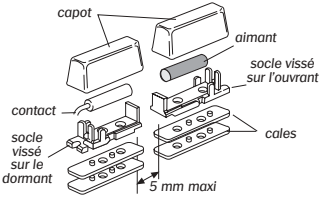
Movement	Built-in contact closing and opening distances				
	Contact status	Wooden support		Soft iron support	
Spacing					
	opening	14 mm		12 mm	
	closing	12 mm		10 mm	
Vertical sliding					
	opening	18 mm	12 mm	13 mm	12 mm
	closing	16 mm	10 mm	11 mm	10 mm
Horizontal sliding					
	opening	5 mm	5 mm	5 mm	5 mm
	closing	3 mm	3 mm	3 mm	3 mm

To unclip the magnet holder cover, insert a small flat-headed screwdriver into the slot provided and turn.

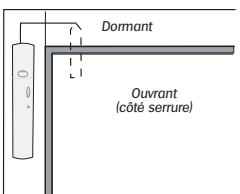


Wiring and fixing the external contacts

Surface or flush-mounted encapsulated cabled contact D8923



Surface



Flush mounting

Positions possibles de l'aimant

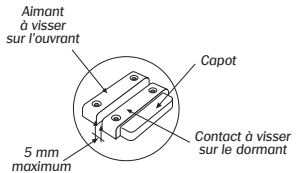
Mauvaises positions de l'aimant

- NC type loop.

- Surface mounting: contact and magnet to be screwed and aligned (use spacers if necessary).

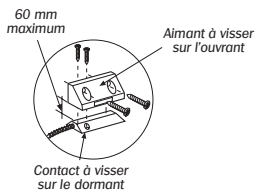
- Flush mounting:
  - drill a hole in the doorframe and door with an 8 mm diameter and 30 mm deep.
  Check that the contact and magnet are opposite each other;
  - drill a hole in the frame for the wire to pass through.

Surface mount contact D8924, screw fixing



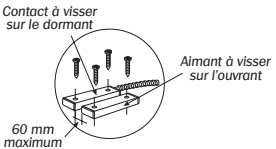
- NC type loop .

Floor mount normally closed contact D8922



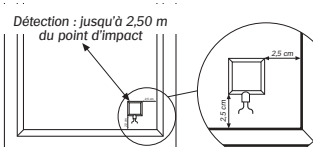
- NC type loop.

Wide gap normally closed contact D8921



- NC type loop.

Piezo-electric glassbreak sensors D8920



- NC type loop.
- Suitable for all types of glass with a thickness of up to 6 mm.
- Detection: up to 2.5 m from the point of impact.
- Stick the sensor with the double-sided tape provided to a clean, dry window (cleaned with a solvent) with a temperature of between +21°C and +38°C. Stick it in a corner of the window 2.5 mm from the edges and apply pressure.
- Operating temperature: -18°C to +38°C.

Testing the universal transmitter and contacts (built-in and/or external)

Control panel in test mode.

- Press once on the test key.
- The transmitter is in test mode for about 90 sec.

Testing the contacts

Alternatively activate the built-in contact(s) or the contact(s) associated with the universal transmitter and check their status:

- contact in alarm mode: universal transmitter test LED indicator lamp lit,
- contact in rest mode: universal transmitter test LED indicator lamp not lit,
- every time the loop is activated the control panel emits a beep.

If two normally closed contacts are installed on the same transmitter, when one is triggered the other is rendered inactive.

Make a note of the type, number, group and position of the universal transmitter on the customer memory aid in the user guide.

Normal mode

At the end of the test period, the universal transmitter automatically returns to normal operating mode and the test LED indicator lamp is no longer lit when the loop is activated.

Fault indication

When the transmitter battery is low:

- the LED indicator lamp no longer lights up when the transmitter's test button is pressed,
- the control panel memorises the battery fault and indicates it (see control panel user manual).

Changing the battery

- Change the control panel to test mode.
- Open the transmitter casing (see § on "Opening").
- Press on the lithium battery removal tab.
- Wait for 2 min. before replacing the flat battery.
- Put the transmitter back on its base and tighten the locking screw.

It is essential to replace the lithium battery with the same type of battery (3.6 V BatLi 28).
Please dispose of the old battery in a battery recycling bin.

Technical data

Technical data	Universal transmitter L3264X L3265X 
Entrance opening detection	• built-in magnetic contact • terminal block for external contact
Use	internal
Power supply	Logisty 3.6 V lithium battery
Battery life	3 years for normal domestic use
Radio links	TwinBand® 400/400 MHz
Test key	• battery • detection
LED indicator lamp	1
Operating temperature	-10 °C to +55 °C
Protection mechanism	• against opening • removal
Degrees of mechanical protection	IP 31/IK 04
Dimensions (L x w x h)	138 x 26 x 30 mm
Weight	70 g with battery

ATRAL

CE

DECLARATION OF CONFORMITY

Manufacturer: **ATRAL S.A.S.**
Address: **F-38926 Crolles Cedex - France**
Product type: **Universal transmitter**
Trade mark: **Logisty**

We declare under our sole responsibility that the products to which this declaration relates are thus compliant with the essential requirements of the following European Directives:

- **R&TTE Directive: 99/5/CE**
- **EMC Directive: 89/336/CEE**
- **Low Voltage Directive: 73/23/CE**

in compliance with the following harmonised European Standards:

Products code	L3264X	L3265X
EN 300 220-3	X	X
EN 300 330-2		
EN 300 440-2		
EN 50130-4	X	X
EN 55022 & 55024		
EN 60950	X	X
TBR 21		

These products can be used in all EU, EEA Countries and Switzerland.

Crolles 06/09/06

Signature:
Research
& Development Manager

Non-contractual document, may be modified without prior notice.

GB

LOGISTY

804331/A - 10/06