



WWW.LOGISTY.CO.UK

## RADIO DOORPHONE FOR THE HOUSE

PROFESSIONAL CATALOGUE

Specialising in radio technology applied to security, LOGISTY is the European specialist in totally wireless anti-intrusion systems.

Performance based on a mastery of radio technologies and a permanent quest for innovation.

It's this know-how that LOGISTY is offering you in its totally wireless doorphone.



Manufactured in the European Union

LOGISTY - ATRAL S.A.S.  
Développement International  
F-38926 CROLLES CEDEX  
FRANCE  
Tel. +33 / (0)476 45 32 71  
Fax +33 / (0)476 45 31 94

LOGISTY - ATRAL UK LTD  
Hortonwood 50  
Telford - Shropshire - TF1 7FT  
ENGLAND

Sales hotline: 08 70 60 999 22  
Sales fax: 08 70 60 999 23  
Technical hotline: 08 70 60 999 33  
General enquiries: 01 952 67 55 66  
info@atral.co.uk  
www.logisty.co.uk

LOGISTY products are guaranteed for parts and labour for 2 years. This guarantee is extended to 3 years simply by returning the guarantee certificate within 10 days of your purchase. The conditions of use and conditions of guarantee for our products are available upon request from your retailer.



802453A - © ATRAL S.A.S. - 09/2005 - RC Grenoble 322 989 953 - The products described in this document are subject to change without prior notice.

**LOGISTY**  
totally wireless

alligator design

**LOGISTY**  
totally wireless



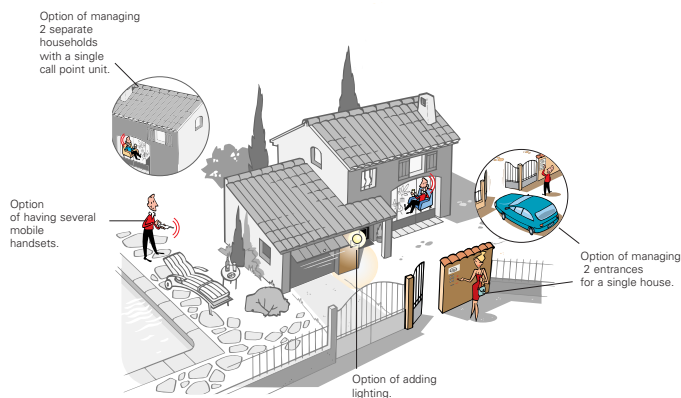
# INTRODUCTION

## OPERATING PRINCIPLES

**The outdoor call point unit** is connected to an outdoor radio controller.

**The radio controller** integrates the power supply into the outdoor call unit and radio transmits calls to the mobile handsets.

**The mobile handsets** are independent and totally wireless and have rechargeable batteries which are charged when the handset is placed on its base.



## THE TECHNOLOGY

### Ultra-reliable radio communications

The LOGISTY mobile doorphone is equipped with ultra-reliable radio transmission. Patented under the name DynaPass®, this innovative technology protects radio communications against interference and jamming, guaranteeing the best link between the outdoor unit and the handset.

### Dynamic radio technology



Each transmitter/receiver both in the mobile handsets and the controllers permanently monitor the most available radio channels. The system selects, at the start of the communication, a free radio channel. If there is interference on this channel during the communication, the system

automatically switches itself to a more available channel.

### A high quality sound

The DynaPass® technology guarantees a very good listening quality, whatever type of communication is selected (hands-free or private conversation).

## ADVANTAGES FOR THE PROFESSIONAL

### Up to 5 times quicker to install

The LOGISTY system does not require any cabling due to the patented mobile doorphone technology DynaPass®. The LOGISTY doorphone saves a considerable amount of time when installing thanks to the radio technology and the fact that there is a battery powered option for no connection to the mains power.

### Avoid large-scale work

This system does not require any cabling between the mobile

handset and the outdoor call unit.

It is therefore no longer necessary to dig cable trenches or drill walls. There is also no damage to interior design and outside decoration.

### Ideal for difficult sites

Examples: fitting to gates and fences, large houses requiring several handsets, replacing faulty cabled intercoms, access control for groups of professional offices or outbuildings, etc.

### A simple modular range

The LOGISTY mobile doorphone allows you to perform a quick, simple and profitable installation.

**Complete kits, in which everything is included, corresponding to the most common installations, are offered under four references.**

All the products in the LOGISTY range are also available separately, to build up the doorphone system most suited to the requirements of your customers.

## ADVANTAGES FOR THE INDIVIDUAL

### A complete system

The LOGISTY mobile doorphone allows visitors to be greeted and filtered. The user can easily control the opening of one or more of his access points (gate, automatic gate and garage door mechanism). Wireless and mobile, the handset gives great freedom of movement.

### Adaptable and open ended

You have the option of installing several handsets per household. Very useful for large houses or large flats or those having outbuildings. The system can easily be supplemented with other handsets at a later date.

### Mobile

Radio technology allows the handset to be installed where it will be most practical, and to move it about as one wishes.

### Checking whether all exits are closed

With one glance at the LCD display on the handset, the user can know the status of all the entrances controlled by the doorphone.



# A COMPLETE MODULAR RANGE

## Range of up to 400 m

Thanks to a radio range that can reach 400 m in free field\*, the LOGISTY mobile doorphone offers great freedom of movement to the user, and allows the system to be adapted to all types of private houses or small offices. Range varies according to the environmental conditions and installation conditions\*\*.

## MOBILE HANDSETS



Mobile standard handset  
• mains charger unit  
240 V transformer  
L5130GB



Mobile handset  
3 functions  
• mains charger unit  
240 V transformer  
L5131GB  
• battery operated base unit  
L5141



Mobile handset  
7 functions  
• battery operated base unit  
L5142

## KITS



### L5501GB standard handset, 1 household (mains charger for handset)

- 1 outdoor call unit
- 1 household
- 1 battery operated radio controller
- 1 mobile standard handset with mains charger base unit
- instructions + batteries + installation accessories and screws and fixings.



### L5602 handset 3 functions, 2 households

- 1 armoured outdoor call unit
- 2 households
- 1 battery operated radio controller
- 2 mobile handsets 3 functions with mains charger base unit
- instructions + batteries + installation accessories and screws and fixings.

## OUTDOOR UNITS



Armoured outdoor unit  
1 household  
L5801 + LB601



Armoured outdoor unit  
2 households  
L5902 (previously L5802) + LB602



Armoured outdoor unit with keypad  
and proximity tag reader 1 household  
L5821 + LB721



Armoured outdoor unit with keypad  
and proximity tag reader 2 households  
L5822 + LB722



### L5601GB handset 3 functions, 1 household (mains charger for handset)

- 1 armoured outdoor call unit
- 1 household
- 1 battery operated radio controller
- 1 mobile handset 3 functions with mains charger base unit
- instructions + batteries + installation accessories and screws and fixings.



### L5721 handset 7 functions, 1 household

- 1 armoured outdoor call unit with access control keypad and proximity tag reader
- 1 household
- 1 battery operated radio controller
- 1 mobile handset 7 functions with battery operated base unit
- 1 proximity tag
- instructions + batteries + installation accessories and screws and fixings.

\* The range in free field corresponds to the maximum theoretical distance separating the controller and the handset, in the absence of any obstacle (for example a wall, wire fencing, vegetation, electromagnetic interference) of a kind to reduce the range.

\*\* To optimise the performance of the doorphone, follow the installation rules included in the instructions and first carry out a test. Radio range tests are desirable, using the range tester (Ref. RADIOTEST), available from your distributor.





L5130GB



L5131GB



L5141



L5142

# MOBILE HANDSETS

## UNEQUALLED COMFORT

### A mobile system...

The LOGISTY mobile radio handsets offer characteristics that are unique and unequalled. The radio handset is totally mobile: whether he's in a bedroom, in the bathroom or the living room, the user can, thanks to the totally wireless handset, reply from where he is and without having to move when the door bell rings.

### open ended...

In addition, the number of handsets per house is unlimited. The base charger unit (mains or battery) can also be installed in the most suitable place and does not have to be in the entrance hall.

### and reassuring.

The LOGISTY doorphone is a guarantee of safety for all residents. Thanks to the LCD screen on the handset, with a single glance the user can check that all the entrances are closed.

The LCD screen also informs about the status of the system (level of radio reception and battery status).

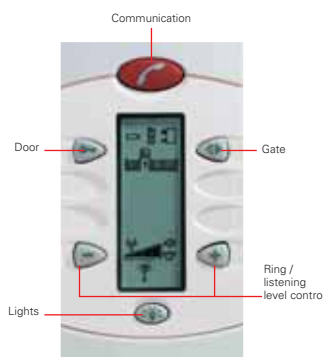
## THE 3 FUNCTION MODEL:

The 3 function model can control:

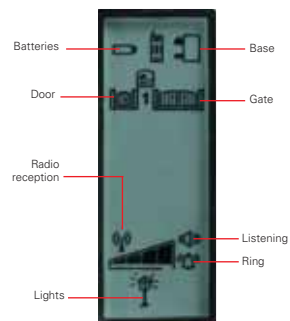
- 1 electric lock release latch (gate or entrance door),
- 1 automatic gate mechanism,
- communal lighting.

This model is available with 2 types of base unit:

- Reference L5141: base unit charged by alkaline batteries (lifetime 4 years),
- Reference L5131: mains charged base unit with 240 V transformer.



Control keys



Control screen

## THE 7 FUNCTION MODEL:

Offering more functionality than the 3 function model, the 7 function model can control 2 separate controllers, equipped with:

- 1 or 2 latches (gates or entrance doors),
- 1 or 2 automatic gate mechanisms,
- communal lighting.

The ringing sound of the handset is then different according to the call station from which the call is coming.

The handset identifies on the display which of the two call stations the call has come from. A control module L5300 can also be linked directly to a handset to control courtesy lighting or an extra one or two automatic garage door mechanisms (application requiring a specific radio range test).

The 7 function model reference L5142 benefits from a base charger unit operated by alkaline batteries.

### Technical features

Ultra-reliable DynaPass® radio transmission.

ABS plastic case.

"Hands free" or "private conversation" operation with the handset off the hook.

Volume (4 levels) and type of ring (3 rings) can be changed.

Level of radio reception displayed.

Low battery power displayed on the handset.

Batteries supplied with the handset.

Handset completely recharged in 24 hours.

Transformer supplied for the wall bracket.

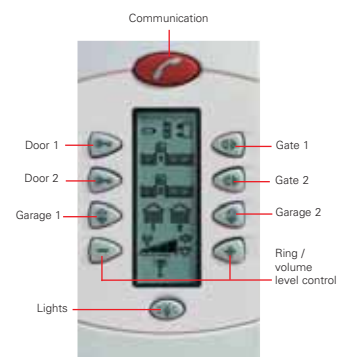
Operating temp.: 0° C to + 50° C.

Unlimited number of handsets per house.

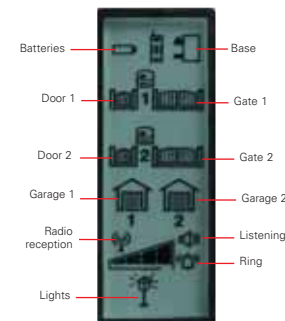
Handset supplied with a basic beige fascia and an additional grey fascia. Other colours available as an extra.

Dimensions (L x H x D) of the mains operated base unit: 100 x 125 x 40 mm.

Dimensions (L x H x D) of the battery operated based unit: 145 x 250 x 50 mm.



Control keys



Control screen



Outdoor unit 1 household  
**L5801**



Armoured cover for L5801 unit  
**LB601**



Outdoor unit 2 households  
**L5902** (previously L5802)



Armoured cover for L5802/L5902 unit  
**LB602**



Outdoor unit with keypad  
and proximity tag reader  
1 household  
**L5821**



Armoured cover for L5821 unit  
**LB721**



Outdoor unit with keypad  
and proximity tag reader  
2 households  
**L5822**



Armoured cover for L5822 unit  
**LB722**

# OUTDOOR UNITS AND CONTROLLERS

## SIMPLE INSTALLATION

Low profile and compact, the outdoor call station is installed quickly and simply. Discreet and good-looking, the outdoor visitor call unit is placed on the gate post or beside the entrance door. It is wired to the radio controller.

The keypad models can be supplied with a mounting plate made of anodised aluminium; to make up for unevenness in the wall surface or to hide a hole made by a previous recessed entry system. Its metal cover gives it great resistance to any

attempts to damage it. Its modern design and its anodised finish give it incomparable good looks, guaranteeing you perfect integration worthy of residential neighbourhoods of high standing.

## CALL STATIONS

### 2 button outdoor call stations

These can equip houses made up of several separate dwellings. They are also an ideal solution for equipping professional offices or artisan workshops when these are adjoining their homes.

### Outdoor call units with keypad and proximity tag reader

They now have a proximity tag reader. The tag reader is an additional solution that allows access without entering the code, simply by passing the tag in front of the name window. It is possible to assign an access priority to the tag reader. Either pedestrian access: the electric latch is opened when the tag is presented in front of the call station. Or vehicle access: the automatic gate mechanism is activated when the tag is presented in front of the call station.

This option represents a very practical solution for children (the call station can manage up to 32 tags).

### Technical Features

Ultra-reliable DynaPass® technology.

6-wire cable, 2.50 m, to connect the visitor call station to the controller.

Mounting directly on the wall or on a bracket plate. Ref. PLATE-A (L5821 & L5822 only).

Power supply from the radio controller.

Operating temp.: - 20° C to + 50° C.

Protection index: IP 54.

Dimensions (L x H x D):  
Outdoor unit: 145 x 144 x 20 mm.  
Keypad call station: 145 x 232 x 20 mm.

## RADIO CONTROLLERS

The controller is fixed on the garden side of the gate post, or discretely in the hallway if controlling an entrance door. It makes the radio link between the mobile handset and directly controls any type of electrical latch or lock (12 V DC, 1.5 A maximum) and a gate controller. The controller supplies the outdoor call unit with power. It houses the radio transmitter and receiver.

Practical:  
It is not necessary to connect external power for the electric latch or the lock, the controller can supply!



**EXTPOWER**  
Optional low voltage 24 VAC power card for L5200 controller.



**CTS5200**  
Controller fitted with low voltage 24 VAC power card with rechargeable batteries.

### Technical Features

Ultra-reliable DynaPass® radio transmission

Up to 400 metres radio range in free field.

Powered by 4 alkaline batteries LR20, supplied.

Fixing parts and accessories supplied.

Controls all types of latch 12 V DC or low current drain (1.5 A maximum).

Secured VLV motor control with dry contact control 48 Vdc / 1 A (relay or switch).

Pre-programmed radio recognition (for kits) pre-installed in the factory.

Polycarbonate plastic case.

Operating temperature from - 20° C to + 70° C.

Protection index IP54: protection against dust, harmful deposits and water jets from any direction.

Weight: 685 g.

Dimensions (L x H x D): 155 x 225 x 60 mm.



# ACCESSORIES AND BATTERIES

## THE LIGHTING CONTROL MODULE



Control module L5300

The lighting control module works in combination with the doorphone system. It receives the information from the controller & handset and enables:

- control of 1 exterior light, helping light access to the house,
- control of opening and closing of automatic garage doors, to be linked either to:
- 2 automatic garage door mechanisms,
- or to 1 automatic garage door mechanism.

### Technical features

Technology: ultra-reliable DynaPass®.

Radio range: up to 100 m in free field.

Power supply: 230 V ac 12 Vdc.

Polycarbonate case

Protection index IP 54.

Secured VLV garage motor control having:

Relay 1:

- control of lighting or automatic mechanism,
- relay 1 RT 500 W maximum,
- for the lighting: single break light control, two-way switch or time switch (30 secs, 1 min, 2 mins, 4 mins.).

Relay 2:

- automatic mechanism control,
- relay 1 T: 1 A - 48 V.

Weight: 685 g.

Dimensions (L x H x D): 155 x 225 x 60 mm.

## RADIOTEST



For checking the expected radio range of the doorphone on site and finding the best position for the radio controllers. Set made up of a test radio controller and a test handset. Signals the status of batteries: on the handset with a LCD bar graph, and on the controller: battery test button + LED bar graph.

### Technical features

**Radio test controller:**

Power supply: 4 alkaline batteries LR20 (not supplied).

Automatically stops after 20 minutes of operation.

Life: 150 hours.

Polycarbonate case.

Telescopic antenna.

Operating temp.: - 20° C to + 70° C.

Dimensions (L x H x D): 155 x 225 x 60 mm (not including antenna).

**Test handset:**

Power supply: 3 alkaline batteries LR03 (not supplied).

Life: 10 hours.

Telescopic antenna.

ABS plastic case.

Delivered with blue fascia.

Operating temp.: 0° C to + 50° C.

Weight (without battery): 175 g.

Dimensions (L x H x D): 60 x 225 x 30 mm.

## ACCESSORIES

### Interchangeable fascias for handsets



PL6 - Set of 3 colours  
For 6 key handsets



PL10 - Set of 3 colours  
For 10 key handsets

### Antenna



ANTENNA

### Position contact



CP500

### Controller stand-off Bracket



OMEGA

### Tag



TAGIL

### Tag batch



TAG-L (10 x TAGIL)

### Batteries



BATLi11  
Li-ion battery  
for battery-charged  
handsets

BATNi12  
Cd-Ni battery  
for mains-charged  
handsets