

Locca™

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Locca Sure-Touch
User and Installation Guide

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Introduction

The Locca Sure-Touch system is an innovative secure remote locking system that will enable you to access your property at the touch of a button.

Operation and programming of the system have been specifically designed for ease of use:

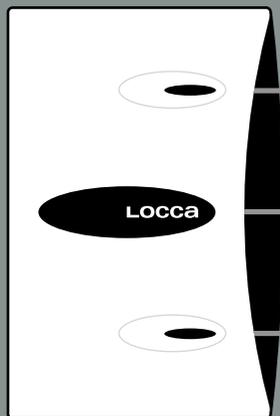
- All features of the Sure-Touch can be quickly understood
- Programming of the system has been designed with simplicity in mind – you will need no technical knowledge to operate the system.

Behind this simple interface lies the latest technology – your system incorporates high-security code-hopping technology. Each time your Locca Remote Key is pressed, a one in 4.6 billion encrypted code is emitted. The next time the Locca Remote Key is pressed, this code will have changed to a new random one in 4.6 billion code.

Locca Sure-Touch features

- Simple operation
- User-friendly programming
- Attractive ergonomic design of Locca Remote Keys offering unparalleled ease of operation
- Long-life rechargeable battery
- Audible and visual low battery warnings (for both the Remote and the Receiver)
- Indication of power cut or drop in power supply (the system will continue to operate on the backup battery in the event of power failure for at least 48 hours in standby mode)
- Superior transmission range
- Your Locca Remote Key has been designed for ease of use. It has been shaped to fit comfortably and easily in your hand and gives you the option to carry it on your wrist or wear it around your neck
- Wall-mounted bracket enables positioning of the Locca Receiver in the most convenient location, for optimal use around the house.

Your Locca Sure-Touch pack contains:



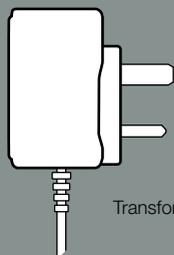
Locca Receiver



Wall-mounting bracket



Rechargeable battery



Transformer



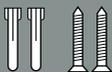
Locca Master Key
(Red button)



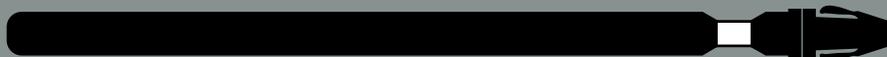
2 x Locca Remote Keys
(Yellow button)



Locca wrist band



2 x plugs and screws

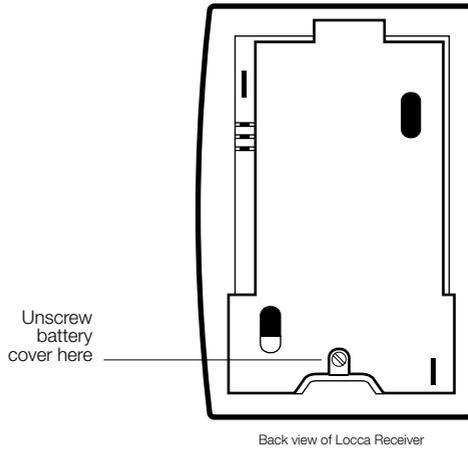


Locca neck band

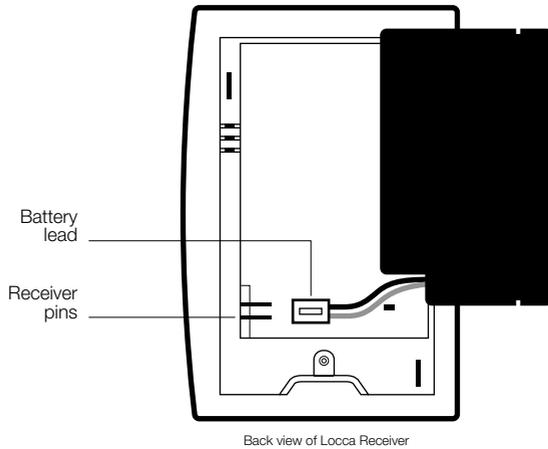
Before you start...

You must connect the backup battery to the Locca Receiver:

1. Unscrew battery cover



2. Connect battery to Locca Receiver



3. Replace battery cover and secure with screw

4. Once in place the Locca Receiver will beep to confirm the system is working

How to personalise your system

The following programming features can be simply carried out:

1. Setting the Time Delay

How long do you want the release mechanism to stay open on pressing the Locca Remote Key?

2. Erasing Locca Remote Keys

How do you erase Remote Keys if lost or stolen?

3. Learning Locca Remote Keys

How do you add extra Remote Keys to the system?

1. Setting the Time Delay function

Please note: The Time Delay is the amount of time the electric door release will remain unlocked. This can be cancelled before the delay period ends with a second press of your Locca Remote Key.

The system is pre-set for five seconds. This may be what you want. If not and you would like to personalise your entry time then follow the steps below:

1. Press the Locca Master Key. This will activate the Locca Receiver and prepare it for future instructions.

The Locca Receiver will begin to beep and an orange light will flash to indicate the system is ready to move on to Step 2.

2. Now press and hold down the 'delay' button on the Locca Receiver. The amount of time the 'delay' button is held down will be the amount of time that the delay will be set for (i.e. if you hold the button down for 10 seconds, the delay will be set for 10 seconds).

While the 'delay' button is held down, the Receiver will beep every second to confirm each second registered. At the same time, a visual green flash will be seen on the top Receiver light for each second registered (i.e. if you hold the button down for 10 seconds, the system will beep 10 times during this period and flash 10 times, to indicate that the delay has been set for 10 seconds).

When the 'delay' button is released the system will confirm the time you have set the delay for. The Receiver will beep quicker and flash quicker for the period of time the delay is set for (i.e. you will hear beeps and see flashes for the duration of the delay).

2. Erasing Locca Remote Keys

If you have lost a Locca Remote Key or perhaps think one has been stolen, the solution is simple.

1. Press the Locca Master Key. This will activate the Locca Receiver and prepare it for future instructions.

The Receiver will begin to beep and an orange light will flash to indicate the system is ready to move on to Step 2.

2. Now press and hold down the 'erase' button for three seconds until the Locca Receiver beeps three times. The red light will also flash three times.
3. On releasing the 'erase' button, the system will emit two long beeps and give two long flashes to confirm that your Locca Remote Keys have been deleted.
4. If you release the 'erase' button before the three-second duration has expired, no action will be carried out and the Locca Receiver will return to its normal state.

Please note: On completion of the 'erase' function, ALL LOCCA REMOTE KEYS WILL BE ERASED. You can now simply reprogram your Locca Remote keys.

3. Learning Locca Remote Keys

To add new Locca Remote Keys or to reprogram original Locca Remote Keys that have been erased, follow the simple instructions below.

Please note: a total of 13 Locca Remote Keys – in addition to your Locca Master Key – can be programmed to the system.

1. Press the Master Key **ONCE**. This will activate the Receiver – the Receiver will begin to beep and an orange light will flash.

Press the Master Key a **SECOND TIME**.

Wait for the receiver to change to LEARN MODE: the middle light will turn green and the beeps will quicken, indicating the system is ready to move on to Step 2.

2. Press the button on the Locca Remote Key you wish to activate **ONCE**.

There will be no change in sound or light signals.

Press the Locca Remote Key a **SECOND TIME**.

There will be a long beep and a long flash to indicate that the new Locca Remote Key has been programmed.

Please note: If you 'learn' more than 13 Locca Remote Keys into the Receiver memory, the last Locca Remote Key programmed into the system will be automatically deleted.

Please note: On learning a new Locca Remote Key, the middle green light will flash every 5 seconds for 48 hours to indicate that a new Remote Key has been added. This is a security measure.

If you have not added a Remote Key during that period, Locca recommends that you 'Erase' all and start again.

Warning Alerts on your Locca Receiver

Please note: If the battery runs low on the Locca Remote Key, please contact Locca on 0870 240 5074 to order a new Locca Remote Key).

Power Cut Alert

The Locca Receiver is equipped with a backup battery in case of an interruption to normal power supply (such as a power cut). The Locca system is designed to operate for a minimum of 48 hours in standby mode during a cut to the power supply.

In the event of an interruption in power, all lights on the Locca Receiver will immediately flash and a warning sound will simultaneously be emitted for 15 seconds. Thereafter, a five-second beep, accompanied by flashing lights on the Receiver, will occur every 60 minutes.

If for any reason the system is unplugged at the mains, the system will wait 60 seconds, then emit a 15-second beep as above.

Battery Low Alert

The Locca Receiver

Should the battery in the Locca Receiver run low, the Locca system will alert you. A red warning light on the Receiver will be illuminated and a five-second audible signal will sound every 60 minutes.

The Locca Remote Key

Should the battery in your Locca Remote Key run low, the Locca system will alert you. This alert will be activated each time you use your Locca Remote Key. A low battery reading from the Locca Remote Key will activate an alternating orange and green flash on the Locca Receiver.

Door Open Alert

When you press your Locca Remote Key and activate the electric door release, the Locca Receiver will signal the 'door open' state. The middle green light on the Receiver will be illuminated for the duration of the 'door open' state. There are also three choices of audible signal:

1. A continuous beep for the duration of the 'door open' state
2. A series of beeps for the duration of the 'door open' state
3. No audible signal.

When you receive your Locca system, the default setting is a continuous beep that lasts the duration of the 'door open' state. To change this, simultaneously press the 'erase' and 'delay' buttons on the Locca Receiver. Each time you press these together, the Receiver scrolls through the sound options:

Continuous beep > Intermittent beeps >
No sound alert > Continuous beep... etc.

Installation

This section assumes you are intending to use the electric door release recommended with the Locca Sure-Touch, or another similar 12VDC access-control mechanism that will operate on a standalone basis with the Locca Receiver.

For other scenarios, see the next section on page 9.

Should you at any time need to change the wiring from the terminal block on the Locca Receiver, the screws on the terminal block can be accessed by removing the battery cover (see page 3).

Step 1

Choose where you are going to position the Locca Receiver

Please note: The Locca Receiver should either be positioned within reach of a mains power point or a qualified electrician should be employed to wire it into the mains. Before attaching the Receiver to the wall, ensure that it is in a location where signals will be received from Locca Remote Keys.

It is normally best to position the Locca Receiver close to the door so that the Locca Remote Keys have the best possible range outside the house. The range of the Locca Remote Keys is normally around 50m, depending on the environment, so you have some flexibility. Make sure that the wire from the plug-in power supply can reach the Receiver.

Once you have chosen where you intend to position the Receiver, leave it in this location **WITHOUT FIXING IT** and plug the Receiver in.

Now check that the Remote Keys operate the Receiver from everywhere required both inside and outside.

(It is advised that Receivers are not installed on metal screening surfaces nor in the vicinity of other objects or electronic devices that may reduce the operating range of the system.)

The middle green lamp will light when the Receiver is activated from a Remote Key. If you have not changed the sound settings*, the Receiver will emit sound for the period that the door opener is operating.

You may want another person to walk around with the Locca Remote Key while you watch the Receiver.

*** To change sound settings, see page 6: Door Open Alert**

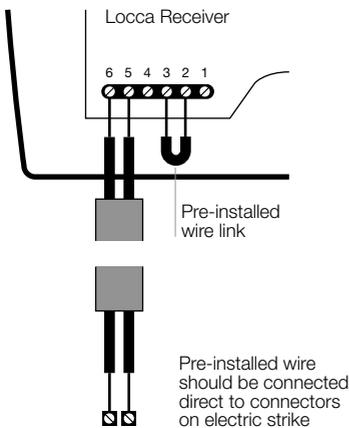
Step 2

Install the electric door release into the door frame

Run the pre-installed wire from the Locca Receiver to the electric door release. Attach the wire to the door release. If the pre-installed wire has been removed from the Locca Receiver for any reason, carry out the following:

- Reveal the two conductors in the wire and use a jeweller's screwdriver to connect them to pins 5 and 6 of the connection block at the bottom of the Receiver. It does not matter which way round you connect the leads
- Connect the two connectors on the electric door opening mechanism
- Pins 2 and 3 should be linked by the short wire that is in place when you obtain your Receiver. Ensure that this is the case.

Install the door release to the door frame, as described in the separate instructions (these are in the Electric Door Release packaging).



Step 3

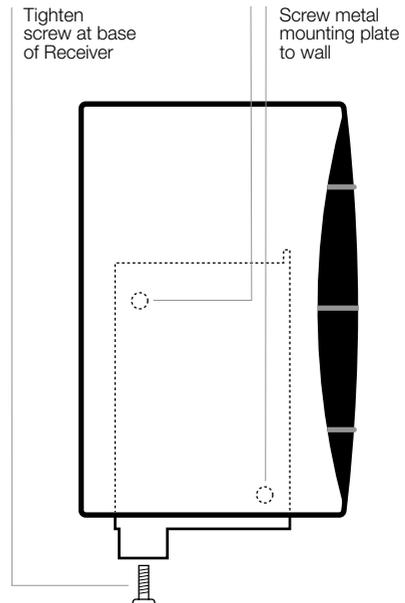
Mount and plug in the Locca Receiver

Screw the metal mounting plate onto the wall using the screws and plugs provided. Slot the Receiver onto the mounting plate.

There is a screw at the base of the Receiver that you may tighten to prevent the Receiver being lifted off the mounting plate.

Your Locca system is now installed.

If you need to personalise your system you may do so now (see page 4: How to personalise your system).



Step 4

Using alternative electric door releases

You can also use your Locca Receiver to operate an entry-phone, intercom, keypad, electric or magnetic door release system.

You are advised to use an electrician to ascertain how the existing release is switched and to make this connection.

The terminal block can be accessed by removing the battery cover (see page 3).

Step 4 i)

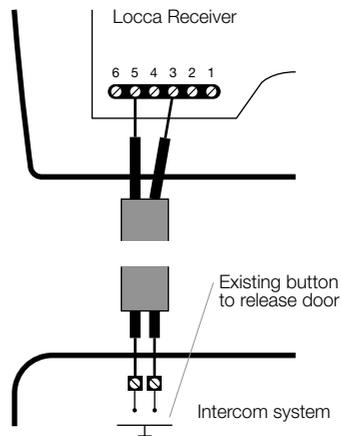
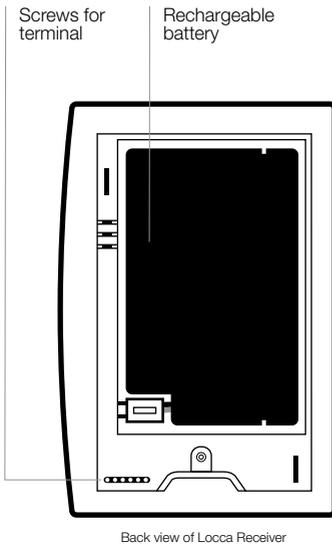
The most common requirement is to allow the Locca Receiver to also operate a door release that is operated by an intercom or other system where you press a button to release the door.

Adding the Locca Receiver allows you to use the Locca Remote Key to release the door from outside or around the inside of your home.

Check with the instructions or manufacturer that the existing buttons are normally open low-voltage switches (up to 24V).

Remove the link that is pre-installed between pin 2 and pin 3 of the connection block at the bottom of the Receiver. Then connect pin 3 and pin 5 across (in parallel) an existing switch. You can do this at a connection block either in the central intercom controller or at one of the handsets.

These pins are connected by a relay when a Locca Remote Key is operated.

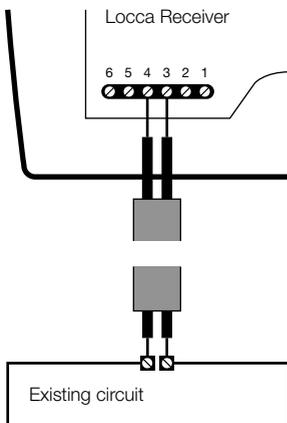


Step 4 ii)

If you need to interrupt a normally closed circuit or switch, such as for a low-voltage magnetic door closure:

- Remove the link that is supplied between pin 2 and pin 3 of the connection block at the bottom of the Receiver
- Then connect pin 3 and pin 4 in series with the existing switch or circuit.

Please note: the system has been designed to work in conjunction with existing systems with a maximum voltage of 24V and current of 1 Amp.



Step 4 iii)

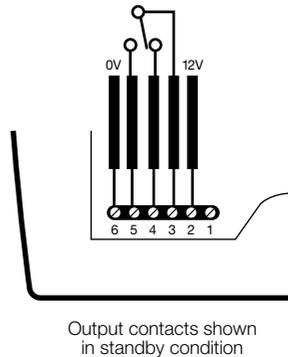
For any other arrangement, for example to switch a mains voltage circuit on or off, you can connect an appropriately rated relay with a 12V coil to pins 5 and 6 of the connection block at the bottom of the Receiver, leaving the link which supplies 12V from pin 2 to pin 3 in place.

The system has been designed so that you could even use a double pole double throw relay to momentarily disconnect an existing 12V strike circuit and operate it with power from pin 3.

The diagram below explains the pins on the connection block at the bottom of the LoCCA Receiver.

Maximum voltage 24V.

Under no circumstances should mains voltage connections be made directly to the terminal block.



Output contacts shown in standby condition

Important

The user should not attempt to service the unit or open the main casing.

All servicing should be referred to qualified personnel.

Changes or modifications to the unit may void the user's authority to operate the equipment and will nullify the warranty.

Guarantee

Your Locca system comes with a free one-year guarantee (from date of purchase) against mechanical and electrical defects.

This guarantee is only valid if the appliance is used in accordance with the instructions provided, and is not connected to an unsuitable electricity supply, dismantled or interfered with in any way or damaged through misuse.

Under this guarantee we undertake to replace free of charge any Locca Sure-Touch system found to be defective.

Nothing in this guarantee or the instructions relating to the product excludes, restricts or otherwise affects your statutory rights.

In line with our policy of continuous development, we reserve the right to change this product, packaging and documentation without notice.

Technical Data

Adaptor Supply (Centre positive)	12Vdc 300mA
Output	12Vdc 300mA
External Input	max. 24Vdc 1A
Max. Switching	24Vdc 1A
Ambient temperature range	0° to 40°C
Environment humidity	80% RH



Battery

If replacing the battery or disposing of the equipment, the battery must be removed and disposed of safely at a re-cycling or other collection centre.

Contact details

For more information or to purchase additional accessories, please visit our website or call the order line.

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