



USERS MANUAL FOR ERNEST BLUETOOTH GATES

DESCRIPTION:

Open / close any kind of automated gates, garage doors or barrier with a Bluetooth signal. Easy to manage multiple users. Forget about remotes!

INSTALLATION OF THE DEVICE ON THE GATE

We recommend installing the ERNEST device using a professional (certified) electrician.

The power chain of the device requires no fuse as it is already integrated into the device.

The device has one integrated relay where the power may not exceed 0.5A. There is no fuse in the relay chain; if necessary, it must be installed.

Relay pulse length is 0.5 sec.


CABLE LABELLING



Item	Colour	Function
1.	Red	+6 -35 (vcc) – power supply
2.	Brown	0 V Earth (GND) - power supply
3.	Black/black 1	relay output
4.	Green/black 2	relay output

INFORMATION

ERNEST Home complies to  (RoHS)'s respective standards, regulatory documentation and is  labelled with sign.

The  crossed recycle bin indicates that electric and electronic devices after their life cycle shall be delivered to collection points according to European Union (EU) directives.



GUARANTEE

The ERNEST device's guarantee shall be for 2 calendar years (or 730 days) from the time of purchase. Based on the terms and conditions at ernestapp.com, in case of damage, Valet and Knave Ltd shall not be responsible, if the device has been installed incorrectly.

TECHNICAL PARAMETERS

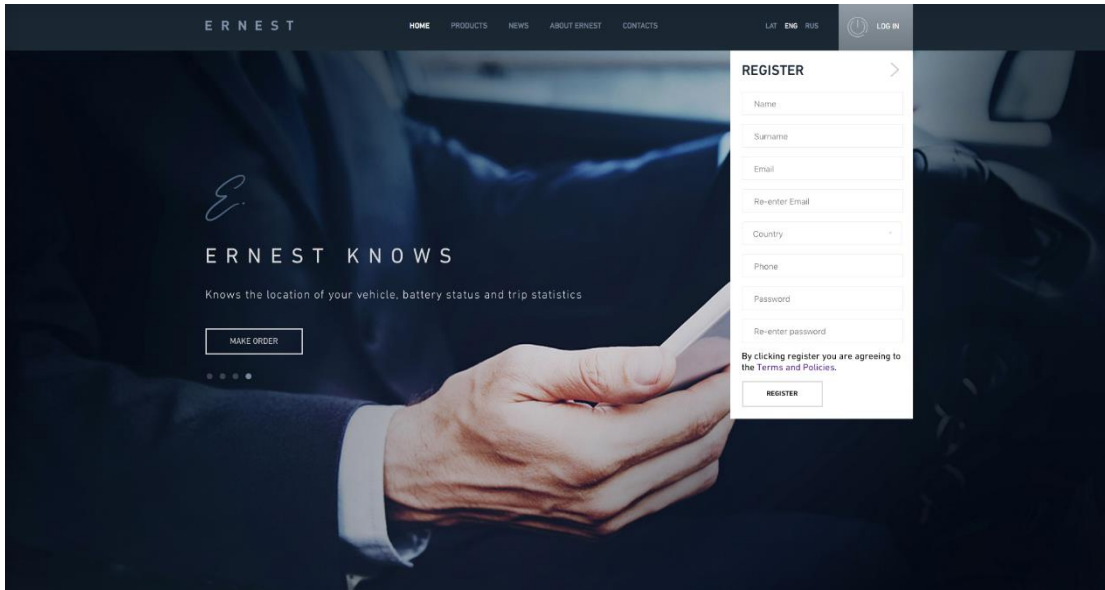
Voltage range	6 – 35DC; 6 – 24AC
Operation temperature	-25°C - +65°C
Power consumption (when turned on)	50mA
Power consumption (when turned off)	15mA
Number of channels	1
Output type	Relay outputs w/o fuse protection (NO)
Maximum relay parameters	1A / 30VDC 0.5 / 125VAC
System fuse	fuse (0.5A)
Sizes	39mm-50mm-22mm (width-length-height)
Protocol	Bluetooth® LE
Operation frequency	2.4GHz
Transmitter power	+4dBm

WARNINGS

- Prior to installation of the device, please ensure that the gate is disconnected from the electrical system.
- If the gate or barrier, which is planned to connect the controller, cannot provide the required voltages or currents, it must be accompanied by a separate power supply, which will ensure it.
- If any electrical malfunction or interruption has been experienced, Bluetooth connection issues may occur in the device
- Compatibility with iOS 8 or higher and Android OS 4.3 or higher with Bluetooth Low Energy (LE, BLE).

REGISTRATION:

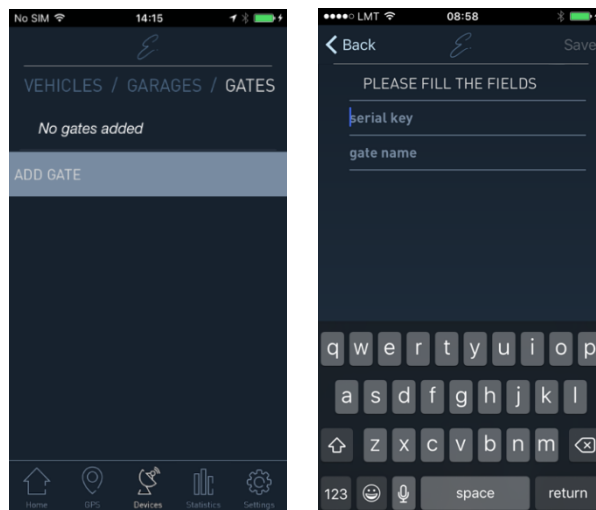
1. New ERNEST users shall create an account at www.ernestapp.com. When registering, specify the user's name and surname, e-mail address and phone number (and similar information).



2. To start using ERNEST AUTO & HOME free application, it shall be downloaded onto the user's smart device. For smart devices using the Android™ operating system, the ERNEST AUTO & HOME application must be downloaded from Google Play Store™. For smart devices using the iOS™ operating system, the ERNEST AUTO & HOME application is available from AppStore.

ACTIVATION (UPON INSTALLATION OF THE DEVICE)

1. To add a new device, turn on mobile data. In the application section DEVICES, select the type of device - GARAGES or GATES. After the type of device has been selected, press the button ADD GARAGE/ADD GATE.



2. In the ADD GARAGE/ADD GATE window, specify the following information :



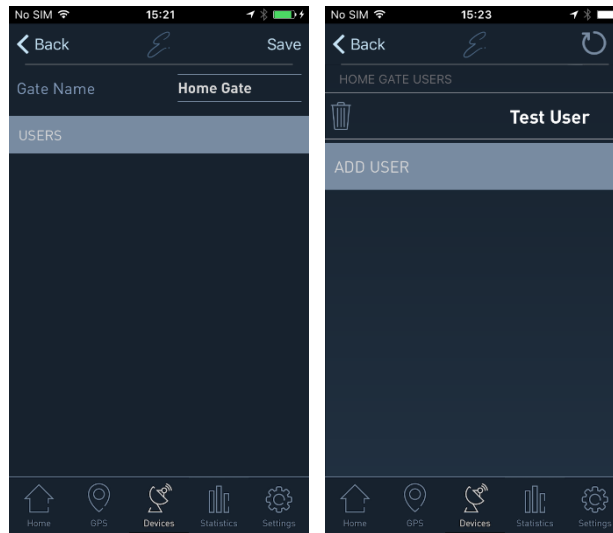
- 2.1. Serial Key – 16 symbol combination, which may be found in the Ernest Bluetooth Gate product box.
- 2.2. Gate Name – in this field, set the name of the device.
- 2.3. After filling in the requested fields, save the settings by pressing the button **SAVE**.

3. The added device will appear in the application section **DEVICES**. To the connected device, press the (set active) button. The respective Garage or Gate button will be functional in **HOME** view.

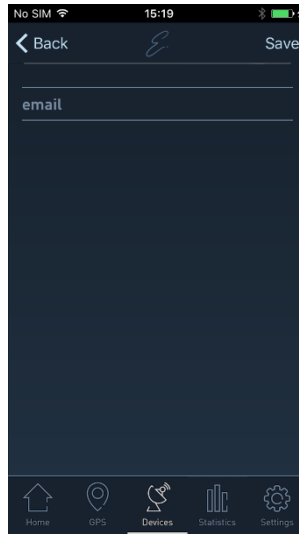
It is possible to add devices also in ernestapp.com web service "Users and Devices" section.

ADDING NEW USERS TO THE DEVICE

1. To add new users to the device, in the **DEVICES** menu, press the editing button (☰) for the respective device. Only the owner of the device may add new users.
2. In editing view, choose the button **USERS**.
3. In **USERS** view, you may review and edit existing users, as well as add new ones.
4. To add a new user, select the button **ADD USER**, where you may invite additional users via their e-mails.



5. The User must enter the e-mail address of the new user, confirming it with the button **SAVE**. Sending of an invitation to e-mail requires mobile data transfer.



6. Upon completion of the invitation procedure by e-mail, the new user must *log-in* to their existing account or create a new one, if no such account has been created before.

User administration can also be done on ernestapp.com web service "Users and Devices" section.

CONTACT INFORMATION

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E R N E S T

