


Turn your phone into a key ...

to unlock your car, house, garage door, office, alarm system, or access control system using  **Bluetooth**



Status Light

Administration Button

Once your phone is registered its presence will automatically unlock the door, open the garage or disable your alarm. You don't even need to take your phone out of your pocket.

How to register your phone

- 1) Make phone discoverable (visible) by consulting your phone documentation (usually in Setting -> Connectivity-> Bluetooth-> Find Me or Setup)
- 2) Press and release Administration Button and then press and hold for three seconds until the Status Light starts flashing. ECKey is now searching for all discoverable (or visible) Bluetooth devices.
- 3) Wait up to 60 seconds until ECKey finds your phone and prompts for a PIN.
- 4) Enter PIN into phone provided by the installer (default 12345678)
- 5) Once successfully registered the Status Light will be on for 5 seconds. You have successfully registered your phone.
- 6) We recommend creating a shortcut to managing Bluetooth on your phone. See phone documentation on how to do this.

Advanced registration

- 7) When Bluetooth is activated on a phone it can either be discoverable (visible) as in step 1) or hidden (invisible). When Bluetooth is discoverable the phone can be found by other Bluetooth devices. When Bluetooth is hidden the phone cannot be found by new Bluetooth devices. Up to 20 phones can be paired with ECKey. The first two phones that are paired will unlock the door when they are both discoverable and hidden. The next 18 registered or paired phones will only unlock when they are discoverable.
- 8) As **Motorola** handsets are only discoverable for 3 minutes, it is recommended to register them first. It is also possible to force a phone to be registered as one of the two phones that unlock the door when discoverable or hidden (to do this, see step 9).
- 9) A new phone can be configured to unlock the door when the Bluetooth is hidden by pressing and releasing the Administration Button twice during the 5 second confirmation in step 5). If there are already two phones registered this way, the oldest phone will be reconfigured to unlock the door when Bluetooth is discoverable. If a phone is already registered, it must be deleted in order to reregister the phone, see troubleshooting on how to do this.



Model: EK3 Professional

Frequently asked questions

What if I lose my phone?

The same as if you lose your key but instead you can delete the old phone and register your new phone. Use the 'Delete All' feature as described in the 'EK3 – Button Administration' Table or contact installer for individual device deletion. Alternatively, register with ECKey.com for software to manage your device.

Is it secure?

Yes - Both the ECKey and your phone are hidden from everyone else behind billions of rolling codes.

Can I still use my phone?

Yes - You can still use your phone as a phone (including Bluetooth Headset) at the same time as locking and unlocking the door.

Can I still use a key?

Yes - You can still use a key or other secure devices as an alternative unlocking mechanism

Troubleshooting

My ECKey is not working

- » Check there are four flashes when first powered on.
- » Regular flash every 5 seconds
- » Press and release Administration Button to unlock
- » Is the phone registered with ECKey. If not, register as described above.
- » Check that Bluetooth is on
- » Check whether the door unlocks when Bluetooth is discoverable.

Can not register phone

- » Check that Bluetooth is on and discoverable and not searching for other devices, including ECKey.
- » You phone may be already registered. You cannot register the same phone a second time. You must delete it first if you want to re register it.
- » Check ECKey is searching for phones (Repeated flashing)

How to delete a registered phone

- » To delete the registered phone from ECKey, first delete ECKey registration from the phone, turn Bluetooth off for 10 seconds, while standing next to ECKey turn Bluetooth on, make Bluetooth discoverable for 30 seconds. This deletes the registration of the phone on ECKey. Now repeat the registration process as described above.

EK3 – Button Administration

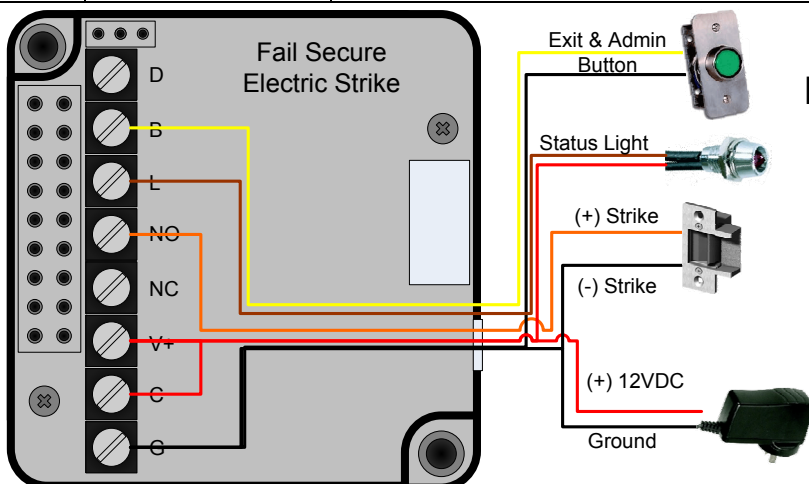
Feature	Administration Button Sequence	Status Light Confirmation
Normal Operation	None	Slow flashing once every 5 seconds.
Exit Button	Press and release Administration Button	Release lock
Passage Mode	Press and hold Administration Button (to exit press and release)	On continuously
Register phone	Press and release Administration Button once and press and hold for 3 seconds.	Repeated single flashing Once successful on for 5 seconds
Register phone to work when hidden	During the 5 seconds the Status Light is on to confirm registration press and release the Administration Button twice.	On for 5 seconds
Device Range Tuning	Press and release Administration Button twice and press and hold for 3 seconds. Stand at desired opening position	Repeated double flashing for 15 seconds until tuning complete.
Administration (Button & Laptop)	Press and release Administration Button three times and press and hold for 3 seconds.	Repeated triple flashing
Delete All	Press and release Administration Button four times and press and hold for 3 seconds. Press and hold to confirm.	Repeated quadruple flashing

Manual range tuning

	Purpose	Administration Button Presses	Status Light
1	Enter Administration Mode	Press and release 3 times, Press and hold	Repeating three flashes
2	Select Setting	Press and release X times (once for range) for setting number X (see below), Press and hold	Flashes while held the setting (X times)
3	Read current value	3 second pause	Flashes the current value
4	Select new value	Press and release Y times (1=Minimum, 2=Short, ...5=Maximum) for value number Y (see below) 3 second pause	Flashes the new value Y times
5	Update setting with new value	Press and hold	On while held
6	Exit Administration Or Return to step 2	Press and hold	Return to normal

Settings

X	Setting	Y =Values
1	Range	1=Minimum, 2=Short, 3=Medium , 4=Long, 5=Maximum
2	Entry Pulse Length	1=0secs , 2=0.5secs, 3=1sec, 4=2secs, 5=3secs, 6=5secs, 7=10secs, 8=30secs, 9=60secs
3	Exit Pulse Length	1=0secs , 2=0.5secs, 3=1sec, 4=2secs, 5=3secs, 6=5secs, 7=10secs, 8=30secs, 9=60secs
4	Auto Tuning	1=Off , 2=On
5	Door Closed Sensor	1=None , 2=Normally closed (NC) when the door is closed, 3=Normally open (NO) when the door is closed
6	Delay	1=0secs , 2=5secs, 3=10secs, 4=15secs, 5=30secs, 6=60secs, 7=120secs
7	Alarm Mode	1=Off , 2=On
8	Operation Mode	1=Authenticated , 2=Pin to Open



For more information please contact

www.ECKey.com