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# Axeze Blue

## INSTALLATION MANUAL



## **Congratulations on your purchase of Axeze Blue.**

Axeze Blue forms part of the Axeze product range and is powered by ECKey.

Axeze has combined the Standalone Keyless Entry System (KES) with Axeze Blue to provide you with the unique opportunity to open your door with your phone, and you can still open your door with your card or your tag.

The Master programming Card will still enable you to add and remove tags, and you can still use the Axeze KEMS (software) to add and remove tags or manage a database. But.....you can use Axeze Blue for yourself and those who, you feel, warrant the advantage of opening your door with their phone.

It's easy. It's fantastic. It's reliable and now it's yours.

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## Installation

Axeze Blue can be easily installed by a handyperson with basic tools. First check that the door strike for releasing the door (if supplied) is suitable for your door (we may have supplied you with a common electric door strike, but different door hardware requires different electric strikes. If you do need to purchase a new electric strike, visit your local security dealer or architectural hardware store. Unfortunately if you need a different type of door strike the one you have cannot be returned to Axeze). Determine the path of the wiring from the strike to the Axeze Blue unit. The Axeze Blue unit needs to be accessible for registering/connecting new phones with the system. Power is provided by a 12V 1.5Amp power adapter which connects to the mains.

## Configuring

Keyless entry using Bluetooth. Remember AxezeBlue is powered by ECKey

## Pairing your phone

Axeze Blue operates in a secure manner, first the phone must be registered with Axeze Blue. Press the Administration button on Axeze Blue, release then hold the button for four seconds. The blue light will flash every second indicating that the unit is now discoverable. Enable Bluetooth on the phone and search for new devices. Axeze Blue will be discovered in a short time. Select Axeze Blue and when asked to pair, provide the PIN code (default PIN is 11234). When the phone successfully pairs with Axeze Blue, Axeze Blue will exit pairing mode and return to normal operation. When the phone sees Axeze Blue again re-enter the PIN (11234) and the door lock will open.

## Setting to range

The operating range of the Axeze Blue is a range between .05 and 10 meters depending on the surroundings. Axeze recommends you limit the range to 2-4m. If your unit is not operating satisfactorily, the operating range can be adjusted by following this procedure.

1. Make your phone discoverable (visible to all) by consulting your phone documentation (usually in Settings -> Connectivity -> Bluetooth -> Find Me or Setup).
2. Press and release the Administration Button once and then press and hold for three seconds.
3. Confirm the Status Light is flashing blue indicating it is in pairing mode.
4. While the status light is still flashing blue, take the phone and stand on the outside of the door with the door closed. Axeze Blue will calibrate the signal strength of this specific handset.
5. On your phone search for a new Bluetooth device to find the Axeze Blue unit. See your phone documentation on how to connect to a new Bluetooth device. When prompted enter your PIN. The default PIN is 11234.
6. Once the PIN is successfully entered, the Status Light will become solid blue for 5 seconds. Your phone is now registered with Axeze Blue.
7. After the successful pairing the Status Light will return to blue and Axeze Blue will return to normal operating mode.

## How do I delete a registered phone?

1. If the phone is handy, delete the Axeze Blue registration from the phone. This will stop that Axeze Blue unit from opening from that phone again.
2. Alternatively if the phone is not available change the Axeze Blue pin code. All registered phones will be disabled until they re-pair with Axeze Blue using the new PIN.

## Change the PIN

You will need a paired phone and the Master PIN provided by the installer (default 12345678).

1. On the phone change the Bluetooth name from its current name (for example "Nokia 6230i") to the new PIN you would like to choose (for example "0000"). Please consult your phone manual on how to do this. This is usually in Settings -> Connectivity -> Bluetooth -> Setup or Options -> Name. Note that the new PIN must be between 4 and 8 numerals, with no letters.
2. Unlock the door with a paired phone. The Status Light will be blue. Within 5 seconds of unlocking the door press and hold the Administration Button. Keep holding the Administration Button for nine seconds as the Status Light first turns off and then starts flashing blue.
3. Release the Administration Button and your phone will be asked for the 8 digit Master PIN. Enter the Master PIN.
4. Axeze Blue will validate the Master PIN and automatically update the PIN to match the new Bluetooth name of your phone.
5. The Status Light will turn solid blue for five seconds to confirm the PIN has been updated to the new value.) Axeze Blue will return to normal operating mode and the Status Light will flash slowly. You can now change the Bluetooth name of your phone back to whatever you prefer without affecting the PIN on Axeze Blue.
6. Under this configuration, changing the PIN will require all registered phones to pair again with the Axeze Blue.

## Hidden Bluetooth

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.

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.

If you want to force your phone to be one of the first two phones registered you can:

1. Open the Bluetooth menu on the phone and view the paired devices. Please consult your phone documentation on how to do this.
2. Delete the registration entry with Axeze Blue from the phone.
3. Try to use the phone to unlock the door. As this device has lost the authentication information it will not be able to unlock the door and as such the paired device will be flagged as device with a lost key. A device with a lost key cannot unlock the door for security reasons but will be able to register. 3
4. Follow the steps to register a device again.
5. During the Success Confirmation when the Status Light is lit for 10 seconds, press and release the Administration Button twice. This will make the newly registered device Hidden Supported and the oldest Hidden Supported device will become the newest Discoverable Supported device.

## **How do I delete all registered phones?**

Unlock the door first using one of the registered phones.

Whilst the lock is released press and release the Administration Button four times and then press and hold for three seconds until the Status Light flashes three times. Release the Administration Button. The Status Light will continue to flash four times every second to confirm that you are about to delete all registrations.

To cancel this reset, press and release the Administration Button and the Axeze Blue Relay will return to Normal Operation.

To confirm this reset press and hold the Administration Button for three seconds. The Status Light will come on for five seconds to confirm that this has been successful. Note that all devices will need to be registered again.

Need help, go to <http://www.eckey.com>

