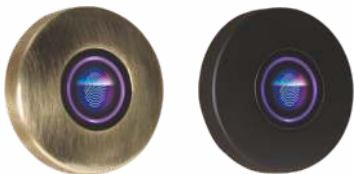




**EUROPA**®  
ANTI-THEFT ENGINEERING



**i-FURNITO**™  
ELECTRONIC FURNITURE LOCKS  
U S E R M A N U A L

Lock with **confidence...**  
unlock with **convenience**™

  
**Developed &  
Made in India**

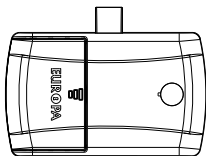


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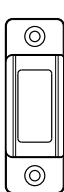
|                                            |    |
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| 3 – Precautions –                          | 3  |
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UI



Lock Body



Receptacle



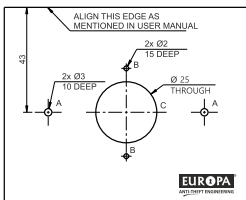
E-Key



Fixing Plate



User Manual



Installation Template



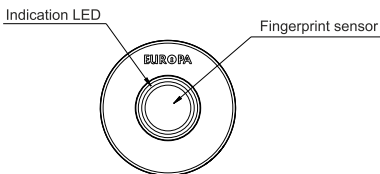
Ø4.2-16mm Length  
(To fix Lockbody and  
receptacle)



M4 - 42mm Length  
(To fix UI on  
Fixing Plate)

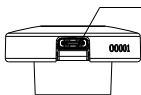


Ø3 - 16mm  
Length to fix  
Fixing Plate



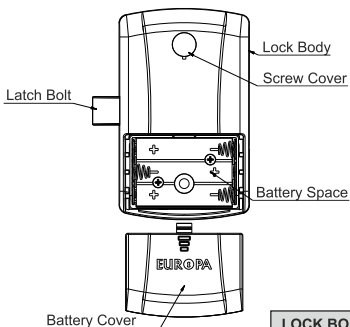
FRONT VIEW

C Type Emergency Power Supply



BOTTOM VIEW

UI



LOCK BODY



FRONT VIEW



BOTTOM VIEW

Emergency USB Power Supply

E-KEY

- Keep the lock away from open flames, sparks, and hot surfaces.
- Make sure to Double check whether the drawer is securely locked.
- Do not use rechargeable batteries. Only 3 - AAA batteries are recommended.
- Do not short the battery terminals with keys, tools or metals. this can damage the lock or cause batteries to overheat.
- Product warranty will be void if non-Europa made accessories are used.
- User must use same finger 4 times (multi-angle, which is helpful to judge the sensitivity) during finger print registration to align with fingerprint recognition area.
- Follow the instructions and images carefully for the proper installation and smooth functioning of lock.
- Lock fitting should be done by a Europa Carpenter / Technician only. (Company is not responsible for problems arising out of fitment by non-Europa Technician)
- Do not insert any of the screws by hammering which may damage your lock and Drawer panel; the company will not be responsible for any such damages.
- Cover the Emergency power supply port with adhesive tape to prevent dust entry during renovation work & installation of locks.
- Do not scratch the fingerprint sensor with the sharp object.

### TOOLS REQUIRED



Pencil



Measuring Tape



Tri Square



Hand Drill



Hand File



Pointed Punch



Hammer



Screw Driver

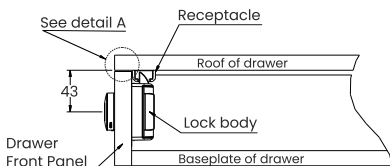


Hand Chisel



Bolt Cutter

## 1. FOR INSET DRAWER

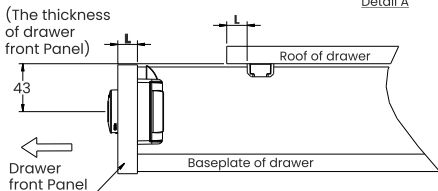


**Figure 1**

(K = Gap between roof and drawer front panel)

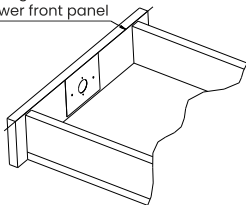


Detail A



**Figure 2**

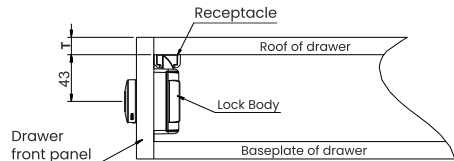
Align Template edge to the edge of the drawer front panel



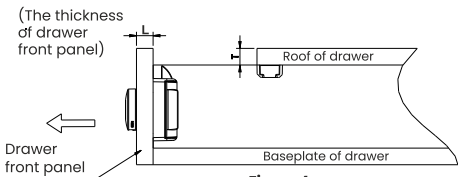
### NOTES:

- 1) Align receptacle edge as shown in Figure 1 and 2.
- 2) L = Thickness of the drawer front panel.

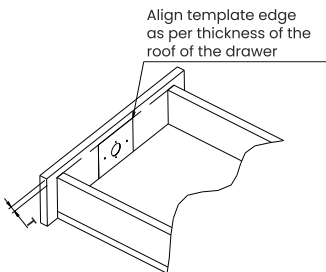
## 2. FOR OVERLAY DRAWER



**Figure 3**



**Figure 4**



**T = Thickness of Roof of the Drawer**

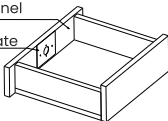
### NOTES :

- 1) Align receptacle edge to the edge of the roof of the drawer as shown in figure 3 and 4.

### **Step 1 – Drilling Holes using template**

Inner side of the  
Drawer front panel

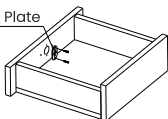
Template



Align Template with inner side of the drawer front panel as per your drawer type at the centre of the panel and drill holes A, B and C of diameter Ø3, Ø2 and Ø 25 respectively as mentioned on the Template.

### **Step 2 – Fixing plate assembly**

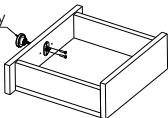
Fixing Plate



Align fixing plate on the drawer as per the drilled holes and fasten with Ø3 -16mm length screws.

### **Step 3 – UI assembly**

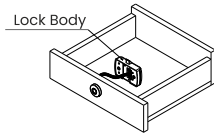
UI assembly



- A. Connect/insert one end of the cable in the UI and leave another end free.
- B. Align UI assembly with fixing plate and fasten with M4-42mm length screws.

**(NOTE–Cut the screws as per the drawer thickness)**

#### **Step 4 – Lock body Fitment**



**4A.** Connect UI assembly and lock body with the help of wire provided (Refer Figure 5)

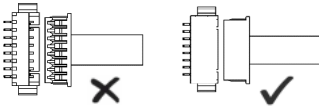
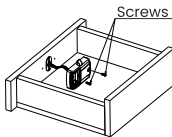
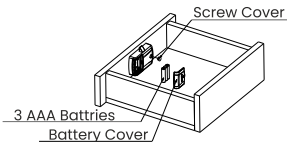


Figure 5



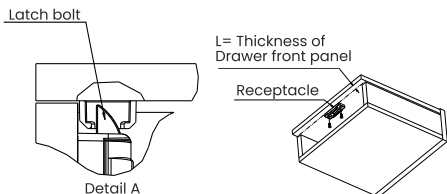
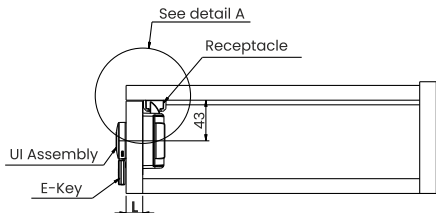
**4B.** Align lock body on the drawer as per drilled holes and fasten with 4.2-16mm length screws.

#### **Step 5 – Battery Assembly**



Fit 3 AAA Alkaline batteries into the battery space and close the battery compartment with the battery cover, also cover the screw with screw cover.

## **Step 6 – Receptacle fitment**



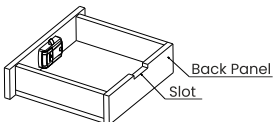
Align receptacle with latch bolt of lock body as per the type of drawer & front panel thickness, Fasten receptacle with 4.2-16mm length screws.

### **Notes: –**

#### **Receptacle Fitment : –**

- 1) For Inset drawer refer figure 1 & 2.
- 2) For Overlay drawer refer Figure 3 & 4.

## **Step 7 – Slot formation**



If necessary, create a slot in the back panel of the drawer to accommodate a receptacle.

1. The lock can be opened in demo mode.
2. Indication light–  
(Use images for each indication colour)–  
(Refer lock light position image)



Red, Green, White,  
Yellow, pink, Sky Blue  
& Blue Indication light

**A. Red Light Indication :**

1. When the user attempts to unlock the device with invalid authentication, the red light blinks to indicate the error.
2. When the device is unlocked or incorrect inputs are detected, a red light indication is displayed.
3. In jamming condition red light indication is displayed.

**B. Green Light Indication :**

1. When user unlock the device using valid authentication or registration operation is successful, a green light indication is displayed.

**C. White Light Indication :**

1. When the voltage drops below 4.0V, indicates the low battery status using a white light, which blinks simultaneously with the success light when the user unlocks the device with valid authentication or when a registration operation is successful.
2. After the low battery indication replace the battery as soon as possible.

## Unlocking with Fingerprint scan



Keep registered finger on the fingerprint sensor for 1 to 2 seconds.



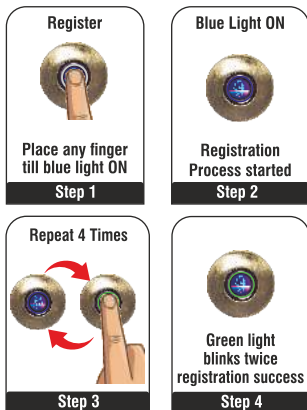
Green light indicates that fingerprint Scan completed. Now remove finger, device will get unlocked.

## Features

|   | Features             |             | Specifications                                                                |
|---|----------------------|-------------|-------------------------------------------------------------------------------|
| 1 | Access Mode          | Fingerprint | 2 Master access,<br>8 Unique user access                                      |
| 2 | Locking Mode         |             | Auto Locking                                                                  |
| 3 | User Access Right    |             | 2 Different Admin<br>8 Different Users                                        |
| 4 | Battery              |             | AAA (3 Batteries) Provision of External power supply (Power bank/ battery 5V) |
| 5 | Door Thickness Range |             | 16 to 45 mm                                                                   |
| 6 | Finish               |             | Antique Brass & Matte Black                                                   |
| 7 | Drawer depth         |             | Min. 85 mm (From Side walls)                                                  |
| 8 | Suitable For         |             | Drawer                                                                        |

| Parameters          | Specifications                                                      |
|---------------------|---------------------------------------------------------------------|
| Battery             | 3 - 1.5V AAA Alkaline batteries<br>(Operating Voltage 3.8~4.8 V DC) |
| Material            | UI - AL Alloy<br>Lock Body - AL Alloy                               |
| Working Humidity    | 0% to 90%                                                           |
| Working Temperature | -10°C to 50°C                                                       |

## A.To Register Admin -



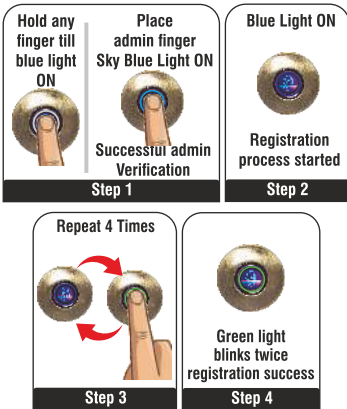
Refer to the images and follow the steps to register the admin fingerprint.

**Note :** The first two fingerprints registered will be saved as admin fingers by default.

### Steps:

1. Hold any finger on the fingerprint sensor for 5 seconds. After 5 seconds, the blue light will turn ON.
2. The blue light turns "ON" it indicates that registration process is started for admin finger.
3. Remove the finger from fingerprint sensor once the blue light is ON & again place the same finger till the green light turns ON then remove your finger again then blue light turns ON.
4. Repeat above step for 4 times till green light blinks twice to indicate successful registration.
5. **Important:** Place your finger with different positions for accurate registration.

## B.To Register User –



Refer to the images and follow the steps to register the User fingerprint.

**Note :** After successful registration of 2 admin fingerprints then only we can register user finger.

### Steps:

1. Hold any finger on the fingerprint sensor for 5 seconds. After 5 seconds, the blue light will turn ON. Then, place the admin finger on the fingerprint sensor for verification then remove it. The sky-blue light will blink to indicate successful admin finger verification.
2. Then blue light turns "ON" it indicates that registration process is started for user finger.
3. Now, place user finger on the fingerprint sensor till the green light turns ON, then remove user finger again then blue light turns ON.
4. Repeat above step for 4 times till green light blinks twice to successful registration.
5. Important : Place your finger with different positions for accurate registration.

**Note :** Red Light will show on UI while adding new user if the storage memory is full.

### C. Delete Specific Finger -



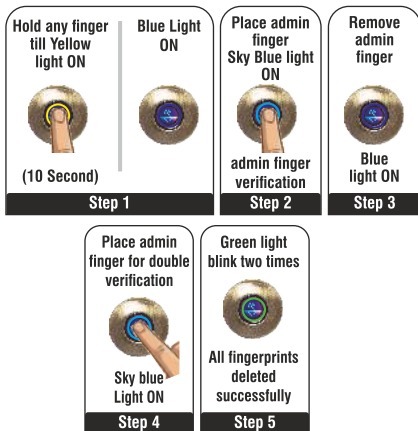
Refer to the images and follow the steps to Delete Specific User fingerprint.

**Note :** The registered admin fingers can not be deleted using the below process.

#### Steps :

1. Hold any finger on the fingerprint sensor for 8 seconds. After 8 seconds, the pink light will turn ON. Then, place the admin finger on the fingerprint sensor for verification then remove it. The sky blue light will blink to indicate successful admin finger verification.
2. Then blue light will turn ON.
3. Then blue light remains continuously ON for 8 seconds before that registered user's finger should be placed on the fingerprint sensor for deletion.
4. Then green light will blink for two times indicating that the user fingerprint has been deleted successfully.

### D. Delete All Finger :

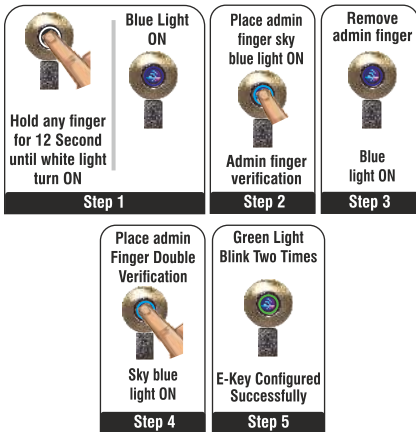


Refer to the images and follow the steps to Delete All fingerprints.

#### Steps :

1. Hold any finger on the fingerprint sensor for 10 seconds. After 10 seconds, the yellow light will turn ON and remove finger. Then, blue light turns ON.
2. Now, place the admin finger on the fingerprint sensor for verification. The sky-blue light will blink to indicate successful admin-finger verification.
3. Then blue light will turn ON.
4. Then, place the admin finger for double verification, and the sky blue light will blink to indicate successful admin finger verification.
5. Then green light will blink for two times indicating that the all fingerprints have been deleted successfully.

### E. E-Key Registration :



Refer to the images and follow the steps to register E-Key.

#### Steps :

1. First, connect the E-Key to the UI body, then hold any finger on the fingerprint sensor for 12 seconds. After 12 seconds, the white light will turn ON then blue light turns ON and remains ON until Admin finger is placed.
- (**Note** - If the E-Key is not connected during this process, the configuration will fail and the red light will blink to indicate the failure.)
2. Now, place the admin finger on the fingerprint sensor for verification. The sky-blue light will blink to indicate successful admin-finger verification.
3. Remove the admin finger; the blue light will turn ON and remains ON until double verification.
4. Now, place the admin finger again for double verification. The sky-blue light will blink to indicate successful verification.
5. Finally, the green light will blink twice, indicating that the E-Key has been configured successfully.

**Q 1. After installation, fingerprint sensor is not responding?**

- a) In this case, first check if positive and negative electrodes of the battery is connected correctly & if battery has enough power.
- b) Remove the lock body and check if connections are OK.
- c) In this situation, you also may need to remove the lock, check whether the wires of the lock body are squeezed, and then reconnect.

**Q 2. Unable to register fingerprint?**

- a) Make sure fingertips and the fingerprint sensor are free from dirt, sweat, oil, smudge.
- b) Place your finger correctly on a fingerprint sensor to ensure maximum area coverage.

This product offered by **"Welmade Locking Systems Private Limited"** is warranted as per the Terms & Conditions mentioned below. Damage due to abuse or negligence, faulty installation/fitment is not covered in warranty. During warranty period, if product is found to be defective in workmanship or due to any material/parts used, product will be repaired or replaced by similar part/product at sole discretion of the company.

#### **WARRANTY TERMS AND CONDITIONS**

1. The product offered by 'EUROPA', comes with a warranty period of 3 years for Electronics components\* and 7 years for Mechanical parts\* from the date of purchasing.
2. If product undergoes repair or replacement, the product warranty will be effective from the submitted date with the defective product in case of replacement. The warranty card with the new product should be filled with the original date of purchase. The company will own faulty parts/product. The replaced parts/product should be returned to the company. Definition of the parts/ components
  - A. Electronics Components – This includes but not limited to the following components :
    1. All type of PCB's and Harness
    2. Power supply unit
    3. Finger print Module
    4. Keypad including front acrylic panel
    5. Motor
  - B. Mechanical parts – This includes but not limited to the following components:
    1. Lock body with battery cover
    2. Mechanical Locking mechanism
    3. Metal body from inside and outside i.e., front panel.
    4. Finger print modules plastic support
    5. Any other non-electronics parts integral to the lock function

3. Product damage or non-operation of the product due to sagging of the door i.e., hinge loosening, or due to weather effect on product or door or door frame are not covered under this warranty.
4. Product surface finish and shade variation is not covered under this warranty.
5. Any modification, tampering or amendment in the warranty card or a purchase bill/invoice will void the warranty of product.
6. The product warranty will be void in following circumstances or conditions:
  - a) Mishandling/improper installation / misuse / improper application.
  - b) Not following direction/instructions of use.
  - c) Failure to install the product/part or removal/alteration of parts and components.
  - d) Modification to the product/part or removal / alteration of parts and components.
  - e) Application or seepage of liquid / oil / chemical / paint in E -Key Emergency port or inner part of the product.
  - f) Product damage or non-functional due to improper operational environment, such as natural calamity, lightening, exposure to direct sunlight, rain, high humidity etc.
  - g) Damage due to duplicate E-Key, not of 'EUROPA' make, entry of foreign substances in the E-Key port, accidents / fire / robbery.
7. In case a product is found non-operational after purchase and before installation, then same will be replaced after confirmation at the point of sale.
8. Product are to be installed/repaired by 'EUROPA' authorized technician, if not, then warranty claim will be void.
9. All incidental charges in the course of the repair / rectification shall be borne by the consumer / purchaser.

10. Liability of/for any consequential loss or damage is expressly excluded.
11. Warranty carries maximum liability limited to the cost of the product and valid only in India.
12. To avail this warranty, the customer should produce this warranty card, duly filled along with original purchase bill or invoice to the nearest 'EUROPA' dealer/distributor.
13. Company holds right to amend the design / shape / colour of the product without prior notice, in accordance with company's continuous technical improvement process.
14. 'Welmade Locking Systems Private Limited' will have final decision on a warranty claim and will be a binding on the customer.
15. Matters/claim arising under this warranty will be subject to Pune jurisdiction only.
16. This warranty is valid in India only.
17. 'Welmade Locking Systems Private Limited' reserves the rights to amend the above Terms & Conditions without notice.

**Stamp with Signature**

Invoice No. : .....

Date of Purchase : .....

Contact No. of Technician : .....

**For any warranty related queries, please contact  
our customer service at – 020-27125012**

Our Mission

## **Anti-Theft Engineering**

Our Vision

**"We shall be a Global provider  
of customized anti-theft  
products + solutions for every  
house + institution, with an  
"Idea to actual theft prevention"  
value chain, having a global mind set;  
being a good place to work,  
learn and grow; with a culture of  
disruptive innovation and continual  
improvement."**



## Available Models



EFB1000



EFA1000

**E-FURNITO**<sup>®</sup>  
ELECTRONIC FURNITURE LOCK



EFC0200



EFD1800



scan for website



\*conditions apply