

EFD1800

AUTOMATIC WARDROBE LOCK



i-FURNITO[™]

ELECTRONIC FURNITURE LOCKS

U S E R M A N U A L

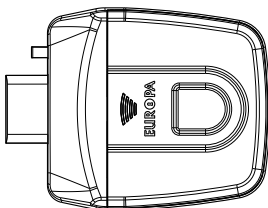
Lock with **confidence**...unlock with **convenience**[®]

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UI



Lock Body



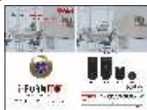
Receptacle



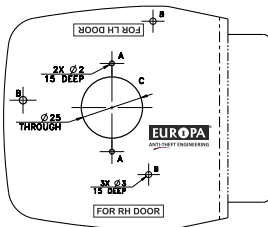
E-Key



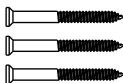
Fixing Plate



User Manual



Installation Template



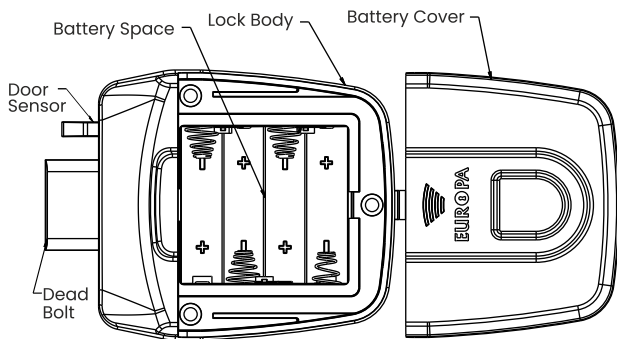
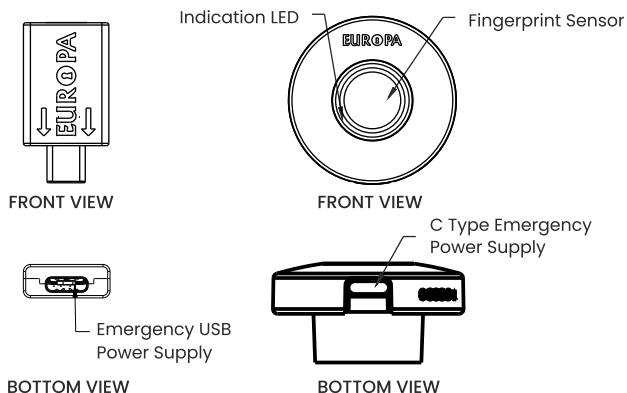
Ø4-44mm Length
(to fix Lockbody)



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



Ø3 - 16mm Length
to fix Receptacle
& Fixing Plate



LOCK BODY FOR MINI LOCK

- Keep the lock away from open flames, sparks, and hot surfaces.
- Make sure to Double check that the door is securely locked.
- Do not use rechargeable batteries. Only 4 - AA 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 problem arising out of fitment by non -Europa Technician)
- Do not insert any of the screws by hammering which may damage your lock and 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.
- Ensure at least 1mm minimum gap between two wardrobe panels.
- Use Magnet and Tower Bolt for the better alignment of the cabinet panel.
- Before lock fitting always make sure that your wardrobe panels are at same level in closed condition for smooth functioning of lock (Company is not responsible for problems arising out of such cases).
- Do not scratch the fingerprint sensor with a sharp object.

TOOLS REQUIRED



Pencil



Measuring
Tape



Tri
Square



Hand
Drill



Hand
File



Pointed
Punch



Hammer



Screw
Driver

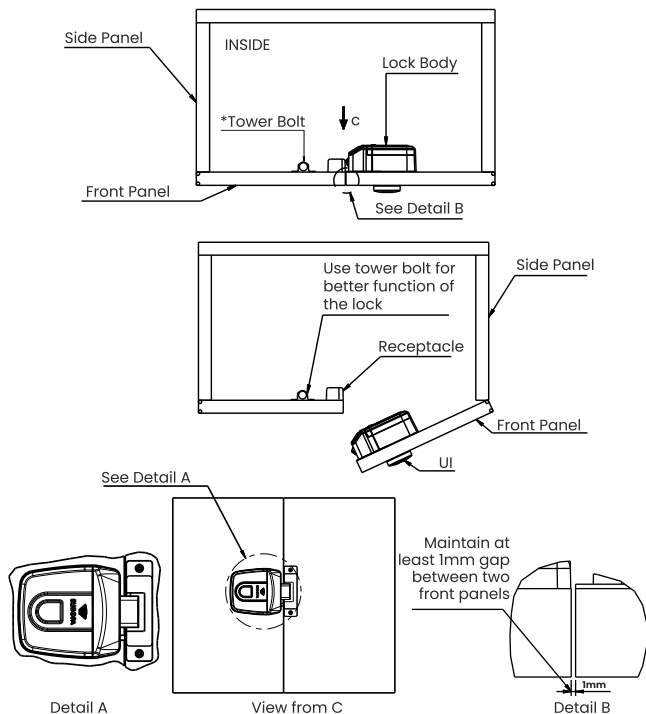


Hand
Chisel



Bolt
Cutter

A - FOR DOUBLE DOOR

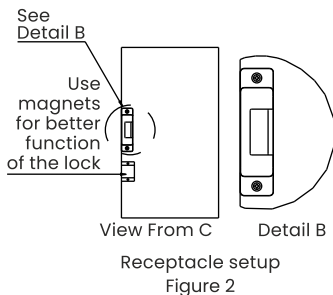
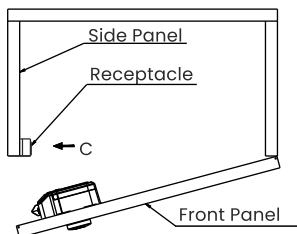
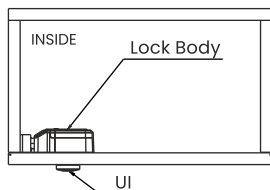


Receptacle fitment for double door wardrobe / cabinet

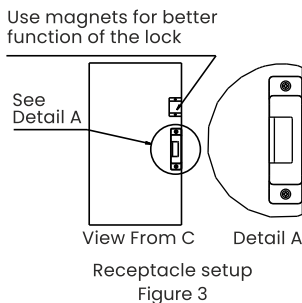
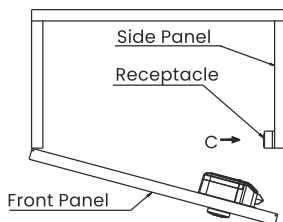
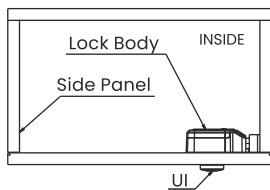
* We recommend Europa Tower Bolt - TB10038W002.

B - FOR SINGLE OVERLAY DOOR

1 : FOR RH SIDE DOOR

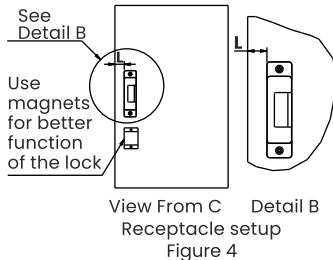
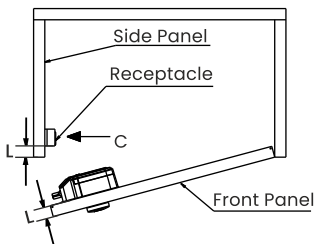
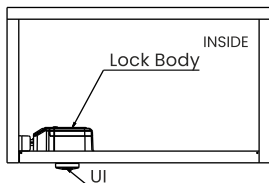


2 : FOR LH SIDE DOOR

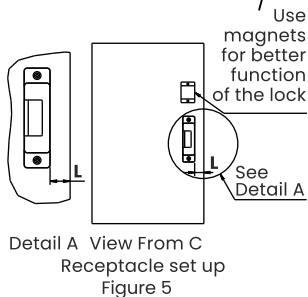
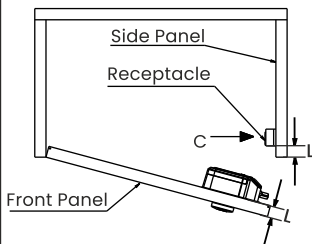
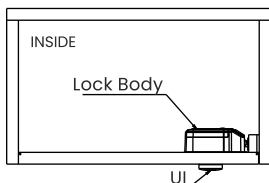


B - FOR SINGLE OVERLAY DOOR

1 : FOR RH SIDE DOOR



2 : FOR LH SIDE DOOR



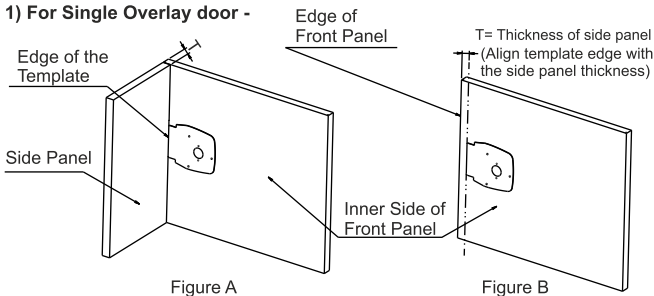
L = Thickness of Front Panel

Step 1 ➡

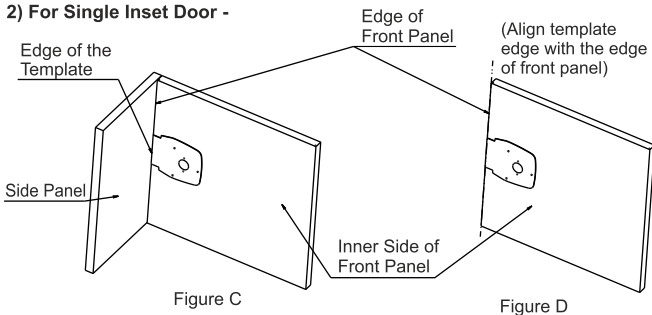
Drilling Holes using template

Align template with inner side of door as per instruction given on the template and drill holes A, B and C of diameter $\varnothing 2$, $\varnothing 3$, and $\varnothing 25$ respectively as mentioned on the template.

1) For Single Overlay door -



2) For Single Inset Door -



3) For Double Door -

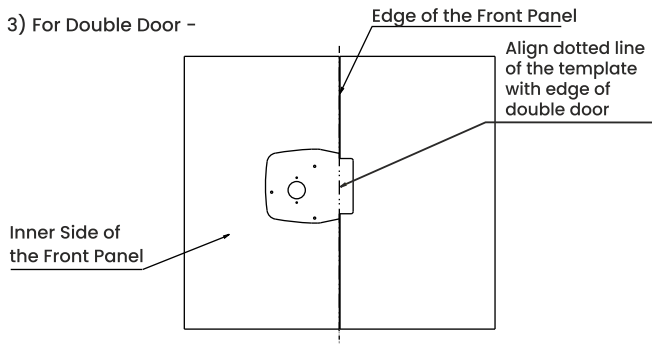
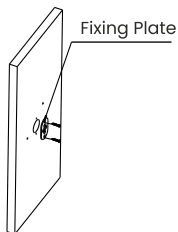


Figure E

- 1) For Single Overlay door- Align the edge of the template as shown in Figure A & B.
- 2) For Single Inset door- Align the edge of the template at the edge of the front panel.(Refer Figure C & D).
- 3) For Double door- Align dotted line to the edge of the Front Panel as shown in Figure E.



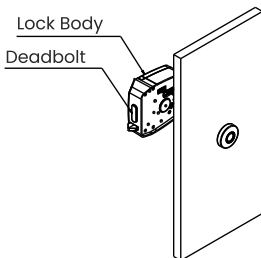
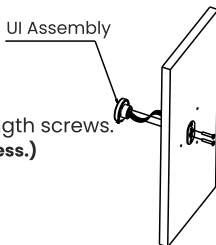
Step 2

Fixing plate assembly

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

Step 3 →
UI assembly

Join the UI assembly and the fixing plate together by fastening with M4-42mm length screws.
(NOTE:- Cut the screws as per the door thickness.)



← **Step 4**
Lock body Fitment

4A. Connect UI assembly and lock body with the help of wire provided (Refer Figure 6)

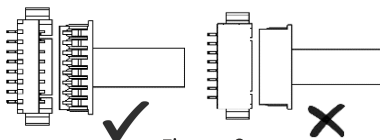
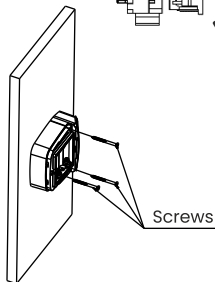


Figure 6



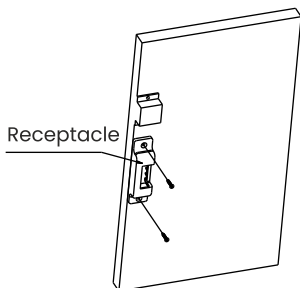
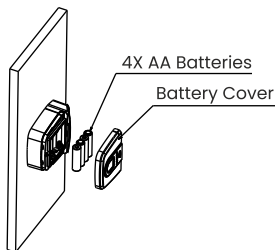
← **Step 4**

4B. Install the lock body on the door as per drilled holes and fasten with Ø4-44mm length screws.

Step 5 ➔

Battery Assembly

Fit four AA Alkaline batteries into the battery space and close the battery compartment with the battery cover.



Step 6

Receptacle fitment

Align receptacle with deadbolt of lock body as described in the following notes, then drill the holes. Fasten the receptacle with Ø3-16mm length screws.

Notes :

- 1) For double door refer figure 1. (Page No. 4)
- 2) For Single overlay door refer figure 2 & 3. (Page No. 5)
- 3) For Single Inset door refer figure 4 & 5. (Page No. 6)

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 5.1V, indicate 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.



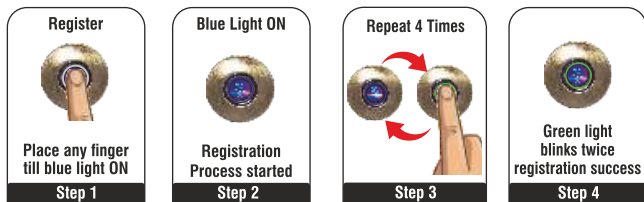
Green light indicates that fingerprint Scan completed.
Now remove finger, device will get unlocked.

Features

	Features		Specifications
1	Access Mode	Fingerprint	2 Master access, 8 Unique user access
2	Locking Mode		Auto Locking
3	User Access Right		2 Different Admin 8 Different Users
4	Battery		AA (4 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	Suitable For		Single door wardrobe, Double Door wardrobe

Parameters	Specifications
Battery	4, 1.5V AA Alkaline batteries (Operating Voltage 5.1 ~ 6V DC)
Material	Aluminium Alloy - UI & Lock Body
Working Humidity	0% to 90%
Working Temperature	0°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 User 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



EFC0200



EFD1800

E-FURNITO[®]
ELECTRONIC FURNITURE LOCK



scan for website



*conditions apply