



DESSMANN
FINGERPRINT LOCK

DESSMANN - FINGERPRINT LOCK

User Guide - K5

Contents

1	Introduction	3
1.1	Packing List	3
1.2	Technical Data	4
2	Product Description	5
3	Basic Instructions	6
3.1	Batteries Setup	6
3.2	System Start and Shutdown	6
4	Quick Start	7
4.1	Open the Door	8
4.2	Close the Door	8
5	Lock Menu	10
5.1	Enter the System Menu	10
5.2	Settings	10
5.2.1	Unlock Mode	10
5.2.2	Lock Password	11
5.2.3	Set Time	11
5.2.4	Unlocked Alarm	11
5.3	Users Management	12
5.3.1	Add User	12
5.3.2	Delete User	13
5.4	Information	13
5.4.1	Users Log	13
5.4.2	Users List	14
5.4.3	Storage	14
6	Lock Functions	15
6.1	Alarm Functions	15
6.1.1	Illegal Intrusion Alarm	15
6.1.2	Multi-attempts Alarm	15
6.1.3	Unlocked Door Alarm	15
6.2	Batteries Low	16
6.2.1	First Warning	16
6.2.2	Second Warning	16
6.3	Emergency Battery	16
6.4	Locker Function	17
6.5	Mechanical Key	17
6.6	Factory Reset	18
7	Product Warranty	19
8	Contact Us	20

Chapter 1

Introduction

1.1 Packing List

Thank you for choosing a DESSMANN lock.

The following accessories are provided in order to set up and use your smart lock:

Item	Qty	Item	Qty
01/ Lock Front Panel	1 Pce	06/ Lock Accessories	1 Set
02/ Lock Back Panel	1 Pce	07/ 1.5V Batteries	4 Pces
03/ Lock	1 Pce	08/ Reset Stick	1 Pce
04/ Mechanical Key	3 Pces	09/ Rubber Seal	2 Pces
05/ User Guide	1 Book		

Please check all of the above accessories are included in the box before installation.

In case any of these items is damaged or missing, please contact us or your closest dealer.

Make sure that the mechanical keys can operate the lock.

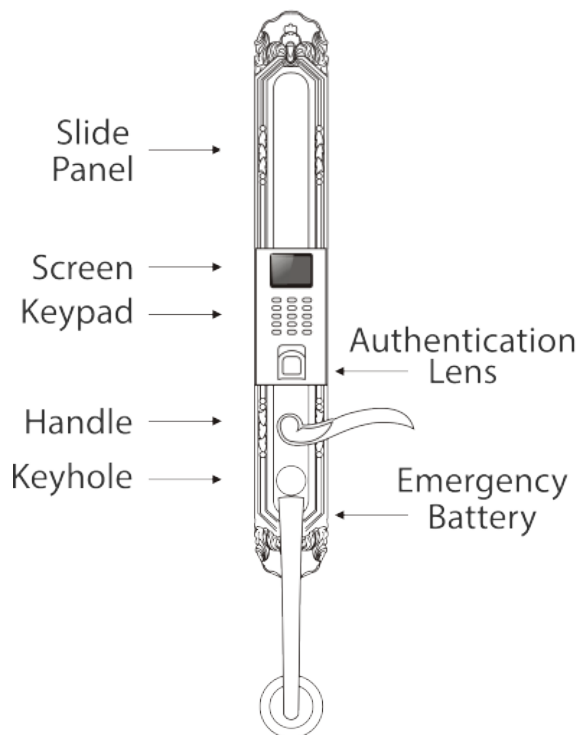
1.2 Technical Data

Lock		
S700	Front Panel (HxLxW)	585x72x25mm
	Back Panel (HxLxW)	440x72x25mm
Lock	Weather Resistant Body	•
	Locker Mechanism	•
	Hidden Mechanical Lock	•
	Power Supply	2 sets of 4 AA Batteries
	Emergency Power Supply	9V Battery
	Durability	Lock Tested More Than 100,000 openings
Interface	Screen	Dot-Matrix Screen
	Keypad	15 Buttons
Functions	Main Opening Method	Fingerprint
	Alternative Opening Method	Password, Mechanical Key
	Fingerprint Capacity	80 Fingerprints
	Password Capacity	1 Password
	Time Display	•
	Low Power Notification	•
	System Reset Button	•
Security	Admin Authentication	Admin Fingerprint
	Admin Numbers	10 Admins
	Registered User Identification	By Name
	Users Log-In Record	1,024 entries
	Failed Fingerprint Authentication	System Freeze for 3 Minutes after 10 Failed Attempts
	Failed Card Authentication	System Freeze for 3 Minutes after 5 Failed Attempts
	Failed Password Authentication	System Freeze for 3 Minutes after 5 Failed Attempts
	Save Data when Batteries are Down	•
	Wrapped Password	•

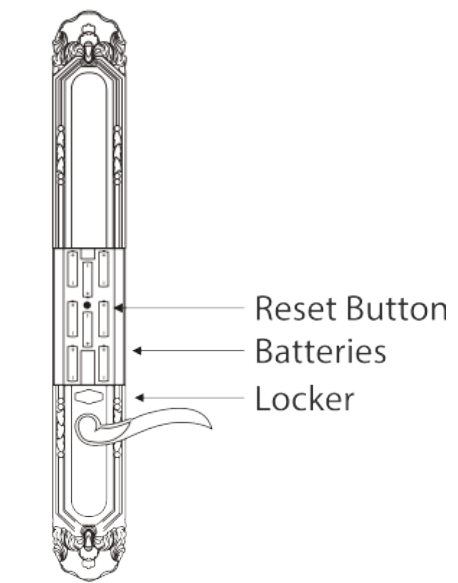
Due to continuous improvements, we reserve the right to amend any aspect of the above specifications without notice.

Chapter 2

Product Description



Front Panel



Back Panel



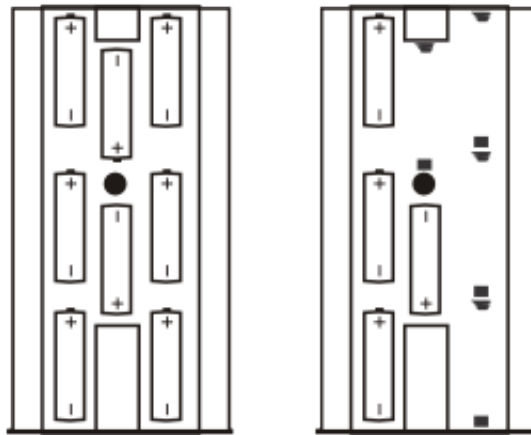
Keypad

Numeric Keys:	Input Password and Name
START:	Start the System
MENU:	Enter the Menu or Go to Previous Menu
ENTER:	Save or Confirm
↑	Scroll Up
↓	Scroll Down

Chapter 3

Basic Instructions

3.1 Batteries Setup



One set of 4 AA batteries or two sets of 4 AA batteries are required to power the lock.

3.2 System Start and Shutdown

Start

Make sure the batteries are properly installed, then start the system as follows:

- Scan your fingertip at the authentication lens

OR

- Press **ENTER**

The screen will lighten up after system start.

Shutdown

System will automatically shutdown when not in use.

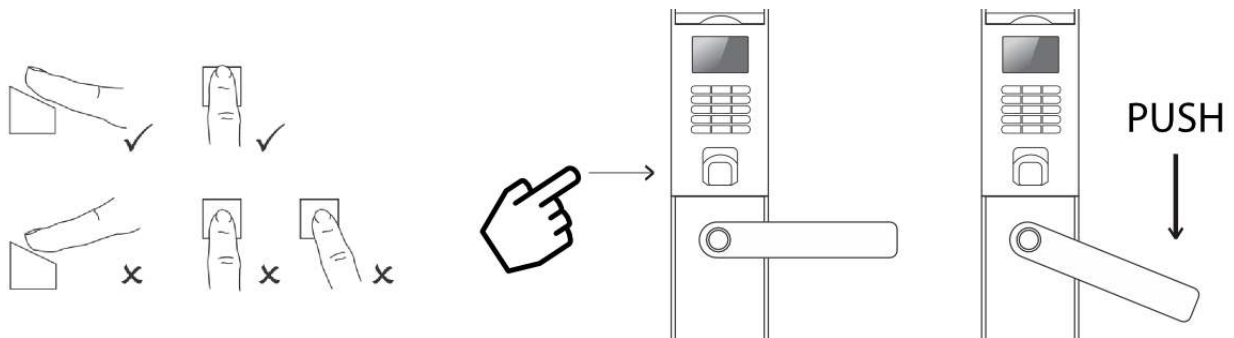
Chapter 4

Quick Start

Functions		Operation
Enter	System Menu	1/ Press START 2/ Press MENU 3/ Enter Admin Fingerprint (Default: none)
New	Admin	1/ Enter System Menu 2/ Select "2.Manage Users" 3/ Select "1.Add User" 4/ Select "1.Add Admin FP" 5/ Scan Fingertip Twice 6/ Enter a Name. ENTER to Save
	User	1/ Enter System Menu 2/ Select "2.Manage Users" 3/ Select "1.Add User" 4/ Select "2.Add User FP" 5/ Scan Fingertip Twice 6/ Enter a Name. ENTER to save

4.1 Open the Door

with Finger



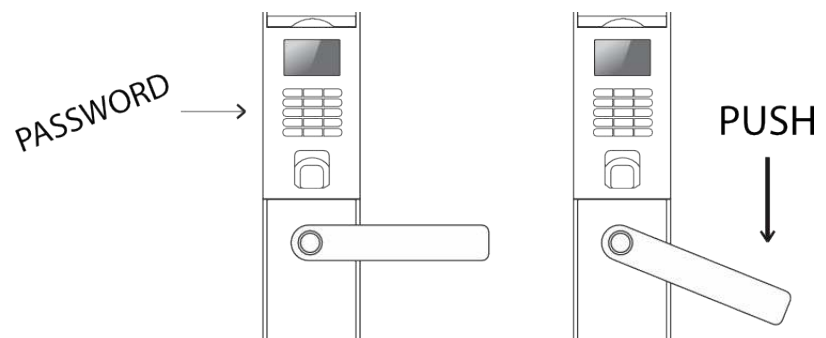
Scan your fingertip on the authentication lens. Push the handle.

Best Practices

To guarantee an optimal authentication:

- Make sure your finger is clean & dry
- Align your finger parallel to the authentication lens
- Do not move your finger for 2 seconds while scanning

with Password



Enter password & press **ENTER** to unlock the door. Push the handle.

Smart Password

To confuse people looking at you when you type your password, it can be inputted within a random string of number. If your password is **888888**, the following combinations will still unlock the door:

- 1289888888
- 8888887556
- 8746388888451879

4.2 Close the Door

The 3 locking bolts automatically trigger out when you close the door.



Closing the Door

Do not press the handle down when closing the door, just gently push the door.

Chapter 5

Lock Menu

DESSMANN lock management software let you easily manage your users. Browse with the arrows keys & press **ENTER** to confirm each step.

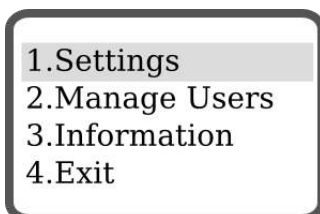
5.1 Enter the System Menu

System can only be managed with the admin fingerprint.
Start system (3.2.1) and press **MENU** twice:

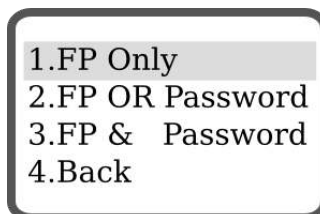
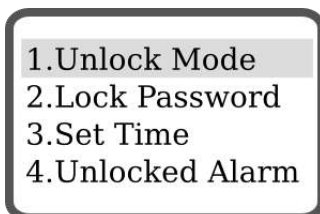


Scan admin fingerprint (default: none).

5.2 Settings



5.2.1 Unlock Mode



There are 3 modes offered by DESSMANN lock to open it:

- **Fingerprint Only** - Identification with fingerprint only
- **Fingerprint OR Password** - Identification with either fingerprint OR password
- **Fingerprint & Password** - Identification with both fingerprint AND password

5.2.2 Lock Password

1.Unlock Mode 2.Lock Password 3.Set Time 4.Unlocked Alarm	Enter 6 Bits Last Password: -
--	-------------------------------------

Enter the last password in use and press **ENTER**. (Default: 888888)

Enter 6 Bits New Password: -	Enter Again New Password: -
------------------------------------	-----------------------------------

Enter the new password (must be 6 digits, no more, no less), press **ENTER**, confirm it again, press **ENTER**.

5.2.3 Set Time

We recommend you to properly set the time to fully enjoy all the functions of your lock.

1.Unlock Mode 2.Lock Password 3.Set Time 4.Unlocked Alarm	Set Time 10:21:25 2012/03/30
--	--

Change the values with the keypad. Press **ENTER** to confirm.

5.2.4 Unlocked Alarm

1.Unlock Mode 2.Lock Password 3.Set Time 4.Unlocked Alarm	1.ON 2.OFF 3.Back
--	-------------------------

Switch ON or OFF the Unlocked door alarm. When turn ON, an alarm sound will buzz when the lock bolts are not properly triggered.

5.3 Users Management

```

1.Settings
2.Manage Users
3.Information
4.Exit

```

5.3.1 Add User

```

1.Add User
2.Delete User
3.Back

```

FP stands for FingerPrint.

New Admin FP

```

1.Add Admin FP
2.Add User FP
3.Back

```

Scan Finger

Please release
your fingertip

Scan Again

Scan the new admin fingertip twice.

Enter Name:

^
↑ Clear ↓ Next

'name'
Saved!

Enter a name for this admin using the keypad. The name can only have a maximum of 6 digits or characters. Press **ENTER** to confirm.

Attention

Pay special attention to the following:

- The admins can manage the whole system, choose them carefully
- Up to 10 admins can be registered in the system
- Only a factory reset can delete admins from the system
- Use a distinctive finger for admin tasks & for everyday use

New User FP

1.Add Admin FP 2.Add User FP 3.Back	Scan Finger	Please release your fingertip	Scan Again
---	-------------	-------------------------------	------------

Scan the new user fingertip twice.

Enter Name: ^ ↑ Clear ↓ Next	'name' Saved!
---	------------------

Enter a name for this user using the keypad. The name can only have a maximum of 6 digits or characters. Press **ENTER** to confirm.

i Best Practices
 To ensure optimal results, register the same finger 2 to 3 times.

5.3.2 Delete User

1.Add User 2.Delete User 3.Back	1/2 Admin Steven User Rachel User Mark
---------------------------------------	---

Select the user you want to delete with the arrows keys & press **ENTER** to confirm.
 Note: Admin cannot be deleted.

5.4 Information

1.Settings 2.Manage Users 3.Information 4.Exit

5.4.1 Users Log

1.Users Log 2.Users List 3.Storage 4.Back	<table border="1"> <tr> <td>Page Number</td> <td>1/8</td> <td>Opening Method</td> </tr> <tr> <td>User Name</td> <td>Steven F</td> <td>09:50 2012-03-18</td> </tr> <tr> <td></td> <td>Mark F</td> <td>10:40 2012-03-19</td> </tr> <tr> <td></td> <td></td> <td>17:15 2012-03-20</td> </tr> <tr> <td></td> <td></td> <td>P</td> </tr> </table>	Page Number	1/8	Opening Method	User Name	Steven F	09:50 2012-03-18		Mark F	10:40 2012-03-19			17:15 2012-03-20			P
Page Number	1/8	Opening Method														
User Name	Steven F	09:50 2012-03-18														
	Mark F	10:40 2012-03-19														
		17:15 2012-03-20														
		P														

Users log informs you about:

- User Name

- Opening Method
 - **F** for Fingerprint (Fingerprint Only Selected)
 - **P** for Password (Fingerprint OR Password Selected)
 - **A** for Fingerprint & Password
- Opening Time

Change page with the arrows keys & press **ENTER** to exit.

5.4.2 Users List

1.Users Log	1/2
2.Users List	Admin Steven
3.Storage	User Rachel
4.Back	User Mark

Users list informs you about registered user in the system.
Change page with the arrows keys & press **ENTER** to exit.

5.4.3 Storage

Storage informs you about how many users are registered in the system and how many new users can be enrolled. Press **ENTER** to exit.

1.Users Log	In Use: 03 Available: 77
2.Users List	
3.Storage	
4.Back	

- **Total** - Maximum numbers of fingerprint and card in the lock.
- **In Use** - Total of fingerprint and/or card already registered to users.
- **Available** - Total of fingerprint and card available to register new users.

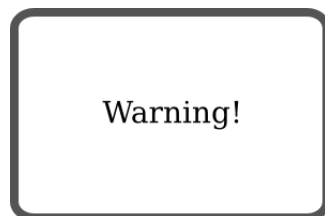
Chapter 6

Lock Functions

6.1 Alarm Functions

6.1.1 Illegal Intrusion Alarm

If an illegal intrusion occurs, such a thief trying to pick-lock your door, a buzzer will ring and the following will be displayed:



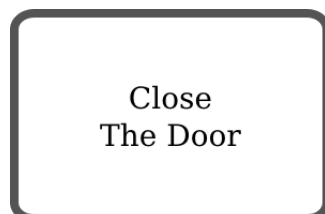
6.1.2 Multi-attempts Alarm

After multiple failed authentication with fingerprint, card or password, the system will freeze for 3 minutes.



6.1.3 Unlocked Door Alarm

If the door is not properly close, a buzzer will ring and the door will display the following for 60 seconds.

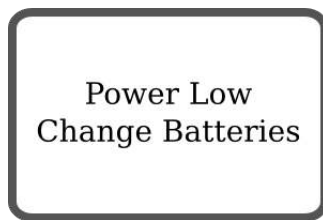


6.2 Batteries Low

- When the batteries are low, a buzzer will bip as a warning when you open the door & a message will be displayed on the screen at the same time.
- Check the system time after batteries replacement, because time information will be stored only 2 minutes without power.
- Recycle the used batteries according to the related laws and regulations of your country.
- 2 different warnings will informed you about the state of your batteries:

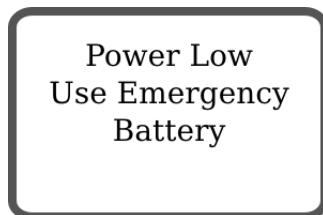
6.2.1 First Warning

At first warning, the door can still operate for about 100 times, please replace the batteries as soon as possible.



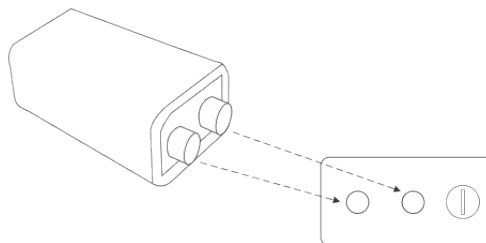
6.2.2 Second Warning

At second warning, the lock cannot operate anymore, you should use the emergency battery or the mechanical key.



6.3 Emergency Battery

In case the lock runs out of battery. You can power the system with a 9V battery.



Just plug a 9V battery on the 2 9V battery pins located on the right side of the front panel and you can operate your lock as usual. Don't forget to change your batteries afterward.

6.4 Locker Function

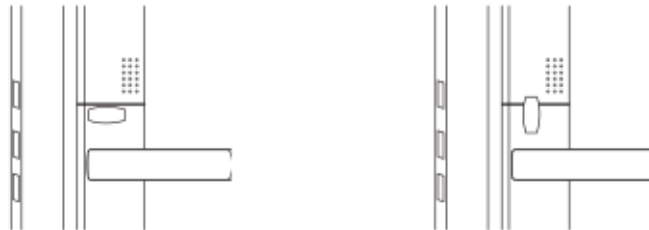
Close Position

When the 3 locking bolts are out, turn the locker upwards. The lock will always be close. Nobody can open the door from outside (either with Fingerprint, Password or Mechanical Key).



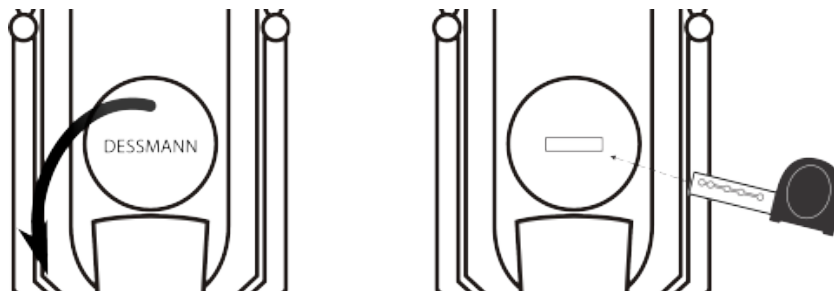
Open Position

When the 3 locking bolts are inside the lock, turn the locker upwards. The lock will always be open. The door can always be opened from the outside.



6.5 Mechanical Key

In case of system failure or damage, the lock can still be opened with a key. The keyhole is located at the front panel behind the logo. Pull the keyhole cover and use the emergency key to open the door.

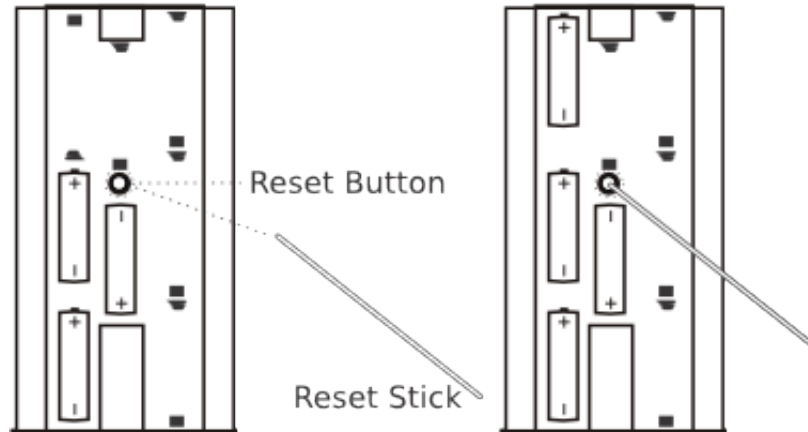


We advise you to leave the keys outside of your house, so you can get one of them in case of emergency.

6.6 Factory Reset

To delete all datas stored in the lock, proceed to a factory reset:

1. Open the battery cover, leave one set of 4 batteries and take one single battery out
2. Keep press **Reset Button** with the Reset Stick and re-install the battery



3. "Factory Reset?" will display on the screen, press **ENTER** or **START** to confirm. Factory settings are restored.



Attention

Factory reset will delete all the datas in the system:

- Admin Fingerprints
- User Fingerprints
- Password
- Log-in Record
- Time

Chapter 7

Product Warranty

DESSMANN warrants to the original purchaser that the hardware product shall be free from defects in material and workmanship for twelve (12) months from the date of purchase.

If a defect covered by this warranty occurs during this warranty period, DESSMANN or a DESSMANN AUTHORIZED REPAIR CENTER will repair the defective hardware product or component, free of charge. The original purchaser is entitled to this warranty only if the date of purchase is registered at point of sale or the consumer can demonstrate, to DESSMANNs satisfaction, that the product was purchased within the last 12 months.

SERVICE AFTER EXPIRATION OF WARRANTY

Please try our website at www.dessmannlock.com or call the Consumer Assistance Hotline at 0086-40060-00028 for troubleshooting information and/or referral to the nearest DESSMANN AUTHORIZED REPAIR CENTER. In some instances, it may be necessary for you to ship the complete product, FREIGHT PREPAID AND INSURED FOR LOSS OR DAMAGE, to the nearest service location. Please do not send any products to Dessmann without contacting us first.

WARRANTY LIMITATIONS

THIS WARRANTY SHALL NOT APPLY IF THIS PRODUCT:

1. IS MODIFIED OR TAMPERED WITH
2. IS DAMAGED BY NEGLIGENCE, ACCIDENT, UNREASONABLE USE, OR BY OTHER CAUSES UNRELATED TO DEFECTIVE MATERIALS OR WORKMANSHIP
3. HAS BEEN ASSEMBLED OR DISASSEMBLED, REPAIRED OR INSTALLED WITHOUT PERMISSION
4. HAS BEEN DAMAGED BY THE BATTERIES
5. AS HAD THE SERIAL NUMBER ALTERED, DEFACED OR REMOVED.

ANY APPLICABLE IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY LIMITED IN DURATION TO THE WARRANTY PERIODS DESCRIBED ABOVE (12 MONTHS). IN NO EVENT SHALL DESSMANN BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES RESULTING FROM THE BREACH OF ANY IMPLIED OR EXPRESS WARRANTIES.

Chapter 8

Contact Us

Maintenance, Repair & Operations

Tel: +86 571 8711 9266

Fax: +86 571 8711 9299

Mail: mro@dessmannlock.com

www.dessmannlock.com