

elizzi

ALARM & SECURITY



**USER'S
MANUEL**

**SMART KEY BASED AUTOMOTIC LOCK SYSTEMS
FOR STEEL SECURITY DOORS**

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1. SYSTEM PARTS

Left Button

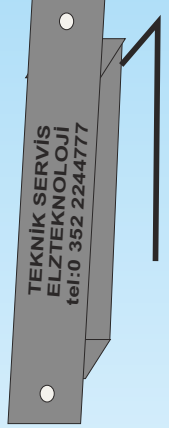


Fingerprint Sensor

Right Button



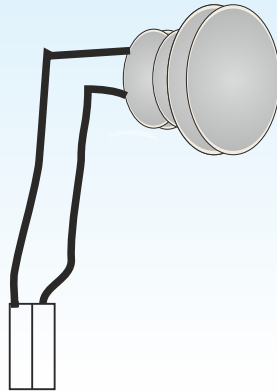
Smart Key



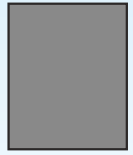
18 V.DC Battery



Control Panel



Reed switch



Magnet



Motored Barrel

2.SYSTEM PROPERTIES

General Properties

- Automatic lock system designed for steel door
- Control with Smart Key orFingerprinterMechanicalKey
- 10.000 times locking and unlocking with one battery
- Locking the door by using only one button

Technical Properties

- 500 DPI optical sensor
- Capacity: 100+1 Fingerprints
- Recognition time 0.5 s
- Alarm intensity: 90dB
- Static power consumption: 9uA
- Lithium-Ion Battery group



3.SYSTEM SET-UP

ELIZI system is delivered to you as assembled to your door by authorized persons.

The first thing you should do is the control of the system memory if it is empty or not.

For this control, please press the Right button for a short period.

If there is no fingerprint in memory, the green light will be ON with triple warning tone meanwhile the sensor will not read the fingerprint.

The next thing you should do is the saving master fingerprint (please see chapter4.1.). The first saved fingerprint will be the master fingerprint. When the memory is empty, Master fingerprint is necessary for saving and deleting other fingerprints.

If the memory is not empty (when you press the Right button, there is no triple warning tone and also sensor is trying to read the fingerprint and the light of the optical sensor will be ON many times, this means there is saved fingerprint in memory), the thing you should do is deleting all fingerprints (please see chapter 7.3.)

4. ELIZI SYSTEM ACTIVATE

ELIZI system is designed primarily for Smart Key. Smart key will be ready to use when you have the door. If you have Smart Key, you will not need other control mechanism like fingerprint or mechanical key. Either people do not have smart key with or people do not want to carry Smart Key, those people can save their fingerprints to system and use.

4.1. PROCEDURE FOR FINGERPRINT

4.1. 1. Master Fingerprint Saving

➤ The first saved fingerprint will be automatically master fingerprint when the memory is empty.

➤ Open the door and press the **EKLE** button on the Control Panel and hold. Meanwhile, Press the **Right** Button shortly and hear the beep voice. Remove your hand from **EKLE** button also after hearing second beep voice. The optical sensor will begin to read with green light is ON.

➤ Please put the finger (which fingerprint you want to be a master finger) on your sensor region with slightly press.

➤ Optical sensor will read twice and save.

➤ If the saving operation is successful, the green and red light will be flashed 3 times with approval voice.

NOTE:

If your fingerprint is damaged or interrupted, you can have some problem during fingerprint saving. Please do not select as master fingerprint as this damaged finger. If your fingerprint can not be saved on system, it is recommended to use Smart Key for lock and unlocking.

It is recommended to save not only one fingerprint but also some other fingerprint to prevent some problem during sensor reading because of the damage on fingerprints.

4.1.2. Second and Thirds Master Fingerprint Saving

➤ Open the door and press **EKLE** button and meanwhile press **Right** button shortly and release. You continue to hold on **EKLE** button. Release **EKLE** button, when you hear the second beep voice.

➤ Firstly, put master fingerprint on sensor region with slightly press.

➤ Optical sensor will read the master fingerprint and you will hear only one short beep voice with short alarm voice.

- Suddenly, take out master fingerprint and put the finger which you want to save as second or third master on sensor region and wait.
 - Do not remove or take out finger from sensor region.
 - After the successfully saving, you will hear approval voice as bip-biiip and the red and green light will be flashed 3 times and alarm will have one short and one long voice respectively. Please do not remove your finger till hearing short and long alarm voice.
 - Saving Third master fingerprint will be same as saving Second master fingerprint.

4.1.3. Other Fingerprint Saving

- Open the door and press EKLE button and meanwhile press Right button shortly and release. You continue to hold on EKLE button. Release EKLE button, when you hear the second beep voice.
 - The optical sensor will begin to read with green light is ON.
 - Firstly put the master fingerprint on sensor region with slightly press. Optical sensor will read the master fingerprint and when the sensor recognize the master fingerprint you will hear one short beep and one short alarm voice.
 - Put the fingerprint (which you want to save into the system) quickly on sensor region and wait.
 - Please do not move your finger and do not pull your finger quickly.
 - After the successfully saving, you will hear approval voice as bip-biiip and the red and green light will be flashed 3 times and alarm will have one short and one long voice respectively. Please do not remove your finger till hearing short and long alarm voice.

4.1.4. Assistant Fingerprint Saving

- Open the door and press SOL button shortly and release. The green light will be on with beep voice.

- Before the green light turning OFF (within 2 second), press **EKLE** buton shortly and release. Light will be orange and blue light of the sensor will be ON.
- Firstly put one of master fingerprint slightly on sensor region.
- Optical sensor will read master fingerprints. You will hear 1 times shortly beep voice after recognize the master fingerprint.
- You should suddenly remove master fingerprint and put the fingerprint which you want to save and wait.
- Please do not move your finger and please do not pull out your finger immediately from sensor area.
- If the saving operation is successful, the green and red light will be flashed 3 times with approval voice.

5. USING ELIZI SYSTEM

5.1. Unlocking the door from outside

5.1.1. With Smart Key

Press the Right button on the door, the system will search the saved Smart Keys near the door and if you have saved Smart Keys, the lock will be unlocked automatically. Please do not forget that the Smart key should not be more than 2 m far from the door.

5.1.2. With Fingerprint

Press the Right button shortly and release. The optic sensor will be active. Put your finger suddenly on sensor region. If the sensor recognize your fingerprint, the door will be open with approval voice.

If the sensor can not recognize your fingerprint, it will give triple warning voice with red light ON and it will read again. This

operation will be repeated 3 times if the finger is on sensor region.

If there is no fingerprint on sensor region, the system will be passive 2-3 second later


5.1.3. With Mechanical Key

Anahtarı açma yönüne doğru çevirin. Sistem yapılacak işlemi algılayıp otomatik olarak kendisi kapıyı açacaktır. Anahtar ile kilitlemişse alarm çalmayacaktır.


Fakat Sistem alarmlı olarak kilitlemişse, anahtarla açılması durumunda alarm çalmaya başlayacaktır.

5.2. Unlocking the door from inside

If the door is locked

➤ Press the  button and release and turn the Handle slightly in opening direction.

The door will be opened and if the door is locked with alarm, the alarm will be OFF.

You can open the door by only turning the Handle but if the alarm is ON, the alarm will begin to ring. You should press and release the  button to make alarm OFF and turn the handle to half tour by opening direction.

If the door is closed but unlocked:

Open the door by pressing the door handle

5.3. Locking the Door from Outside

5.3.1. With Alarm

Press SAG and SOL button and wait. Release all button when


the locking operation start.

5.3.2. Without Alarm

Turn the mechanical key in locking direction after close the door. System will lock the doors automatically but the alarm will not be activated.

5.4. Locking Door from Inside

5.4.1. With Alarm

Press the  Button 3 second when the door is closed, system will automatically lock the door and the alarm will be active. If the door was locked, only alarm will be ON.

5.4.2. Without Alarm

Press the  button shortly and release the button.

OR

Turn the Handle in direction of locking, system will automatically lock the door without alarm.


Fully automatic or semi-automatic (locking with handle or mechanical key) locking can be done if the door is closed otherwise the door can not be locked.

6. SPECIAL SET-UP

6.1 NIGHT


When you are in your home, you can cancel the unlock operation by using only Smart Key Control or only Fingerprint. So, one person want to open the door, he/she should firstly use mechanical key

To activate Night mode:




- Close the door.
- Press  button and wait.

If the door is not locked, the system will start to lock the door.

Meanwhile release the buttons with the warning voice. After the locking, your system will be on Night Mode.

If the door is locked, press your finger  Button and wait until you hear the warning voice. After warning voice, your system will be on Night Mode.

To deactivate the Night mode:

- Press  button and turn the Handle in opening direction.
- OR
- Turn the Handle in opening direction and press the  button. If you do not press the  button or the warning period runs out, the alarm will ring.

You can stop the alarm ring and deactivate the Night mode by pressing **Right** button and reading the saved fingerprint or if you have Smart Keys, press the Right or Left button and the night mode and alarm will be OFF.

Or, If the alarm rings in Night mode, Keep the door closed, after 2 minutes, the alarm will be silent but the system is still in Night mode. You can deactivate Night Mode by applying one of the above steps.

7. DELETE FINGERPRINTS

7.1. Delete Saved Fingerprints

- The operation will delete all fingerprints except master fingerprint.
- Open the door and press the **SiL** button on Control Panel and wait.
- Press the Right button shortly and release, after hearing the beep voice. Pull your finger from all buttons. Remove your hand from all buttons.
- Put the master finger on sensor region.

- You will hear one short beep voice when the sensor recognize the master fingerprint.
- you will hear firstly approval voice and than 5 second beeeeeep voice, after this operation all fingerprints will be deleted from system except master fingerprint.

7.2. Delete Assistant Fingerprints

- Open the door and press **Left** button and release. The green light will be ON with beep voice.
- Press **SiL** button before green light turn to OFF (within 2 second) and release **SiL** button. The light will be turn to orange and the blue sensor light will be ON.
- Put slightly one of master fingerprint on sensor region.
- Optical sensor will read the master fingerprint and after recognize the master fingerprint, you will hear 1 times short beep voice.
- Red light will be flashed 3 times with approval voice after delete operation.

7.3. Delete All Fingerprints

If you have some problem on master fingerprint or if you want to change the master fingerprint, you can delete all fingerprints on system. For this operation;

- Open the door and press the **EKLE** and **SiL** buttons together and wait.
- Press and relase the **Right** button while you are still pressing **EKLE** and **SiL** buttons.
- The alarm will sound. Continue to pressing **EKLE** and **SiL** buttons and after 10 second the alarm will be silent.
- after beep voice, remove your hand anymore from the **EKLE** and **SiL** buttons.
- After red light flash 3 times, all fingerprint will be deleted.
(if you don't continue pressing **EKLE** and **SiL** buttons during 10 second, the alarm will be silent after 2-3 second but system will not delete any fingerprint)

To control the memory (is it empty or there is some fingerprints);

➤ Press **Right** button shortly and release.

➤ The green light will ON and OFF with triple warning tone.

Meanwhile optic sensor will not scan fingerprint.

For the next step, please look at 3. SYSTEM SET-UP.

9. ACTIVATE/PASSIVATE ASSISTANT FINGERPRINT

You can give permission to enter or not to home for assistant fingerprints, if you have activate the assistant fingerprint, they can enter the home by using their saved fingerprints and if you make passive, they can not unlock the door by using their fingerprints. So you can prevent those fingerprints to unlock the door. So, one of master fingerprint can give permission or not when you only save assistant fingerprint one times, you will not need to save every times.

To activate and passivate operation is same. The light and voice warning is different during activate and pasivate.

If the assistant fingerprint is active, when you apply the operation, it will become passive and if the assistant fingerprint is passive, it will be active, when you apply the operation. The operation is;

➤ Open the door and press **Left** button and wait (green light will not be ON, if the green light ON, it means you didn't continuously press **Left** button. Please try again after green light turn OFF.)

➤ 2 second later, the blue sensor light will be ON. Suddenly press one of master fingerprints and wait.

➤ If you hear triple voice warning, it means you couldn't achieve operation correctly, this shows that either you put one of measter fingerprint lately or the master fingerprint is not valid. Please repeat this operation quickly with valid master fingerprint.

➤ After double warning tone, one green light ON and triple green light flash, the activate operation for assistant fingerprint is achieved. The assistant fingerprint owner can unlock the door. During the locking operation by using this assistant fingerprint, the warning light will be orange.

➤ If you can see triple red flash after one warning tone and one red light, this means the assistant fingerprint is passivated. Owner of assistant fingerprint can not enter the home. If this person try to unlock the door by pressing his/her fingerprint on sensor region, the orange light will be on after double warning tones.


Please note that when you first save the assistant fingerprint, it will be active.

10. ACTIVATE/PASSIVATE AUTOMATICALLY LOCKING

If you want to lock your door automatically after you close the door, you should activate the automatically locking. You can pasivate whenever you want.


When you activate the automatically locking, the door will be locked automatically 1 second later after you close the door whether you are inside or outside and the alarm will be on.

To Activate automatically Locking

➤ Open the door and press EKLE button and  button simultaneously and wait 3 second.

➤ 3 times green light will be flashed after double warning tones and one green light. After now, the door will be automatically locked after close the door.

To Passivate automatically Locking

➤ Open the door and press **SiL** button and  button wait 3 second.

➤ 3 times red light will be flashed after one warning tone and red light. After this operation, when you close the door, door will not be locked automatically. Please use other type operations to lock the doors.

11. ADJUSTMENTS FOR LOCKING TOURS (FOR 1 & 2 TOUR LOCKING MECHANISM)


Please be careful, original system set-up for 3 tour locking mechanism. You can make tour adjustment automatically for 1 or 2 tour locking mechanism.

This operation will be done on doors and the assembly for one or two tour locking system will be done by authorized persons or service persons.

Automatically Tour Adjustment for 1 & 2 Tour Locking Mechanism

➤ Open the door and put one magnet to reed switches. So, the system will suppose that the door will be closed.

➤ After now, please do not remove the magnet and press **EKLE** button and wait until operation is started.

➤ Press slightly  button by your other hand and release to lock the door. The locking will be started.

➤ When the locking tour ended, the system will automatically recognize the end of tour and the lock will turn to opposite direction and return to origin and it will give one beep voice with green and red flashes. The system now saved your tour to memory and then it will lock to your reference.

12.ATTENTIONS

- Please read this manual carefully.
- Protect all parts of the system from water.
- Do not move magnetic sheet on the door frame because the system can recognize with magnet the door is open or close.
 - The carefully adjusted mechanical parts of the door is necessary to supply good working conditions of the system. You should fix firstly the mechanical problem on door for better system performance.
 - Master fingerprint is necessary for save and delete other fingerprint therefore, you should select master fingerprint carefully.
 - If the saving and deleting fingerprint into the system is not successful, please wait until all warning light up to off and try again.
 - Timing (putting time to your finger on sensor region, putting your finger longer then the system need and pressing the button quickly or late) is very important. If you have some problem be carefully apply the sequence and timing as the manual.
 - If the system is not lock fully during the locking operation, it means there is some physical barrier to stop the motor.
 - Please be sure that the door frame is fully closed and if the problem continue. Refer to door company for solving problem.
 - Please contact with your door company for battery change.
 - If the system has problem, please call authorized service and please do not allow other people to intervene.
 - Our company is not responsible from the damage which cause of other people's intervene.
 - During the battery change, you should put back your discharged battery

13. ERRORS AND SOLUTIONS

THE OUTSIDE BUTTON DOES NOT WORK

- System is on Holiday or Night mode

THE INSIDE BUTTON DOES NOT WORK

- System is on Holiday mode

THE LIGHT OF THE OPTICAL SENSOR IS NOT LIGHTING

- There is no fingerprint on system.
- Save a fingerprint as master

SYSTEM CAN NOT RECOGNIZE THE FINGERPRINT

- The fingerprint is not saved
- The fingerprint can be deleted

SYSTEM CAN RECOGNIZE THE FINGERPRINT DIFFICULTLY

- There is some damage on fingerprint (injury, dirty, cut etc.)
- You can not put your exactly fingerprint on sensor region.

THERE IS A PROBLEM ON FINGERPRINT SAVE

- The master fingerprint is necessary
- You didn't be careful about the operation periods

THE DOOR CANNOT BE LOCKED OR UNLOCKED FULLY

- There is some problem on door frame and lock. Door frame and lock can not be adjusted counterparty
- There is some hanging on door frame
- Battery has discharged

SMART KEY IS NOT WORKING

- Please be aware that you pressed firstly one of Outside Buttons
- System can be in Night mode
- Smart Key's battery can be discharged
- Smart Key can be far from door

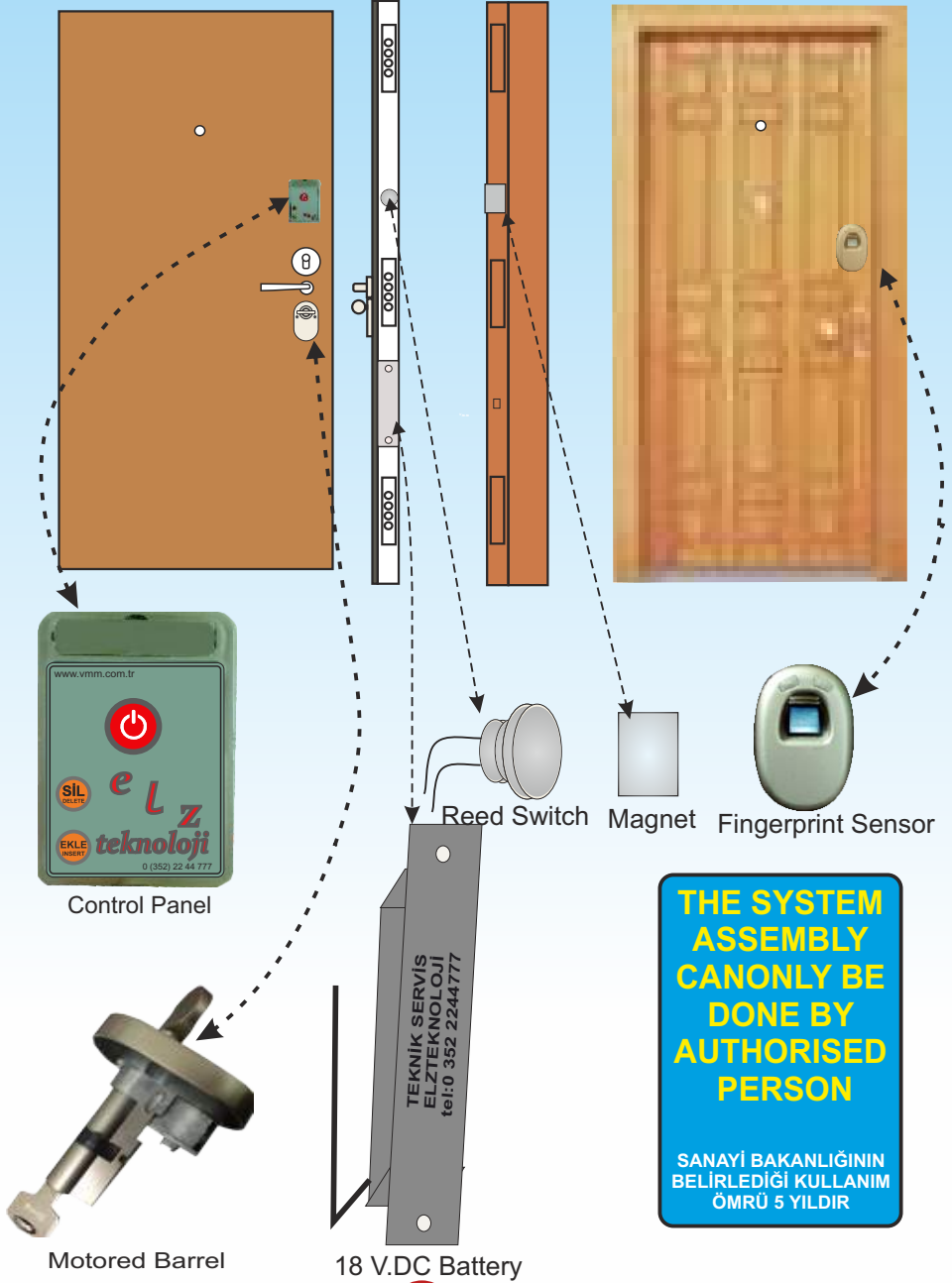
ALARM IS NOT STOPPING TO RING

- Close the door and wait 2 minutes.
- The magnet on door frame is move or not exist.

SERVIS REQUIRED CONDITIONS

- If the problem continue although you do as above instructions
- There is voice and light on system but motor is not working
- Door lock can be turned difficultly by key or Handle
- If there is no reflect on voice when you press on Outside Buttons, or other buttons

14. ASSEMBLY SCHEMATIC



elizi



Akıllı Anahtar



YETKİLİ SERVİS



Üretici Firma

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