

Once a customer, always a customer **KDL-F2**

Warranty Service and Product Inquiry



This product is a locking equipment which applied a password preservation apparatus. We shall not guarantee the damage by customer's negligence (Password disclosure, loss of the electronic cryptographic key and/or opening the door at all times), breakage of installed product and/or other.

The product shall be varied for enhancing the quality and feature without a prior notice.

KDL-F2

FINGERPRINT DIGITAL DOORLOCK

KOCOM

Head Office: KOCOM Bldg., 260-7 Yumchang-Dong, Kangseo-Gu,
Seoul 157-040, Korea
Telephone: +82-2-6675-2211 Fax: +82-2-6675-2000

MANUAL (DIGITAL DOORLOCK)

KDL-F2 (fingerprint)



- ※ For using the product more safely and properly please read the usage cautions carefully prior to use.
- ※ Please keep this user's manual and deliver it to the next user for convenient use.

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- 1) USER INSTRUCTION
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Cautions for Safety

Prior to use this product please read the 'Cautions for Safety' carefully.
It prevents the damage and/or property loss of the user or others in advance.

The following marks explain the harm or loss that might occur when you didn't obey the cautions.

Warning

This expresses that there could be a serious danger or death in case of violating the indication.

Caution

This expresses that there could be an injury or property loss in case of violating the indication.

The marks below are the things that you should follow.

Warning



This mark means "Prohibition" that you shouldn't do whatsoever.
It shall cause the property loss or casualty.

Warning



This mark means "Enforcement" that you must obey.
It shall cause the property loss or casualty

Warning



Never disassemble the product.
It shall cause the property loss or casualty.

Warning



Never touch it.
It shall cause the property loss or casualty.

Cautions for Safety

Caution



Keep the product out of the large-sized TV or speaker that generates strong magnetic force.
It shall cause the product defect.



Never install it in the unstable location.
It shall cause an injury or product defect by fall.



Do not use or leave the product under the circumstances such as strong direct sunlight or high temperature.
It shall cause the product deformation or defect.



Keep it out of the children's reach.
It shall cause an injury.



When a little child uses the product, his or her guardian should instruct the directions. Also, please confirm whether he or she uses it properly.
It shall cause an injury.



Do not throw or give the strong shock to the product.
It shall cause the product defect.

THE FEATURES OF DIGITAL DOORLOCK (KDL-F2)

1. Voice usher system firstly invented in the world

Doorlock kindly guides you by human voice.

2. Open and input by password

The password is used to open the door from outside and the password is changeable by 4 to 12 digits anytime you need.

3. Automatic / Manual Change function

For combination use of Automatic lock mode and Manual lock mode Closing will be automatically re-locked in the Automatic mode.

When there's a frequent stream of coming in and going out, you can change to the Manual lock mode. Manual lock mode maintains unlocked condition, and it's more convenient for users.

4. One touch opening and locking

Open or lock door by only one motion of handle.

5. For combination use of both left and right side door

Opening and internal and external door opening.

Doorlock can be installed without additional device under any status of door and may be used for combination use.

6. Automatic door relocking

When you do not open the door within 7 seconds after operation of the password or remote controll, the door is relocked automatically.

7. Very simple installation

Doorlock is so simple to replace or install itself because it uses the existing door lock position.

8. Double lock

Improve the overall safety by using the dual-lock function.

Internal door lock is installed in double to guarantee better safety.

9. Remocon (Remote Control) Function

Remocon allows to open door anywhere indoors conveniently instead of approaching door by yourself.

10. Fun-proof and burglar-proof

All operation will stop for 3 minutes when someone continues to try open door by wrong password or inputs password number more than 3 times (within 3 minutes) for fun.

11. Battery replacement timing alarm


Time to change batteries by human voice when batteries run out.

Voice announcement will let users know the timing for battery replacement.

12. Beautiful design

Compact size, slim design and beautiful appearance may make door lock more elegant.

13. KS (Korean Standards) key box

Quality, safety and reliability of digital lock can be improved by key box with Korean Standards 

14. Strong body

Doorlock has been strongly manufactured by die casting in metal to protect its external structure from being broken. Even if its exterior part is broken, door does not open.

KDL-F2 (Fingerprint)

PARTS AND NAMES

KDL-F2



FRONT BODY

REAR BODY



(AFTER YOU LOOSE BATTERY CASE SCREW(9), YOU CAN ABOVE PICTURE)



SET SWITCH MENU (KDL-F2)

1. Press SET s/w one time - "Peep" sound : Change Password
2. Press SET s/w twice - "Peep Peep" sound : Fingerprint Register /Delete
 - 2-1 Fingerprint Deletion
 - Deleting Master User's Fingerprint (resident) : Press the password - Press the (*) button for 5 seconds
 - Fingerprint deleted after "Peep Peep Peep" sound.
 - Deleing Temporary User's Fingerprint (ex:housekeeper) : Press the (*) button for 5 second
 - Fingerprint deleted after "Peep Peep Peep" sound.
 - 2-2 Fingerprint Registration
 - Registering Master User's Fingerprint (resident) : Press the Password
 - Press the (*) button - Place User's fingerprint on the sensor
 - Fingerprint registered after "Pee Li Ling" sound.
 - Registering Temporary User's Fingerprint (ex:housekeeper) : Press the (*) button
 - Place User's fingerprint on the sensor in turn when the LED light is on
 - Fingerprint registered after "Pee Li Ling" sound.
3. Press SET s/w three times -"Peep Peep Peep" sound : adjustment
 - 3-1 Setting the Left side handed door : Press #1 (Left handed door)button for 5 seconds
 - Setting completion can be confirmed by "Beep Ring" sound.
 - 3-2 Setting the Right side handed door : Press #3 (Right handed door)button for 5 seconds
 - Setting completion can be confirmed by "Beep Ring" sound.
 - 3-3 Setting the Manual Lock mode :Press #7 (Manual Lock mode)button
 - Setting completion can be confirmed by "Beep Ring" sound.
 - 3-4 Setting the Automatic Lock mode :Press #9 (Automatic Lock mode)button
 - Setting completion can be confirmed by "Beep Ring" sound.
 - 3-5 Beep sound message function adjustment : Press #4 (Beep sound message)button
 - Setting completion can be confirmed by "Beep Ring" sound.
 - 3-6 Etiquette message function adjustment : Press #5 (Etiquette message)button
 - Setting completion can be confirmed by "Beep Ring" sound.

※ When the etiquette mode is adjusted, the voice message of "It's opened" or " It's locked" will not be heard.

 - 3-7 Voice message function adjustment : Press #6 (Voice message)button
 - Setting completion can be confirmed by "Beep Ring" sound.
4. Press SET s/w four times -"Peep Peep Peep Peep" sound : Register /Delete Remocon
 - 4-1 Delete Remocons : Press * (Start) button for 5 seconds
 - Delete Remocons completion can be confirmed by "Beep Beep Beep" sound.
 - 4-2 Register Remocons : Press the Remocon SET switch
 - Register Remocons completion can be confirmed by "Beep Ring" sound.

KDL-F2

ACTION	VOICE MESSAGE	ETIQUETTE MODE	BEEP SOUND
• When you open door by using password. • When you open door by using Fingerprint	"It's open"	-	Pee Li Ling (#)
• When you lock inside. • When you lock outside. • When you do not open the door within 7 seconds after pressing password or identifying Fingerprint	"It's locked"	-	Pee ~
• When wrong password is pressed (Until second trial) • When using not registered Fingerprint	"Please try again"		Pee, Pee, Pee
• When wrong password is pressed 3 times, (within 3 minutes) • When Reset * / # (Start/End) button is pressed while the dual lock is activated (rear side)	"It's intercepted"		Pee~,Pee,Pee,Pee
• When batteies runs out	"Please change the batteries"		Pee (7 times)

HOW TO USE DIGITAL DOORLOCK (KDL-F2)

1. How to register or change Passwords.

- 1) Open the door and fix it opened so that people can go by.
- 2) Raise the front cover.
- 3) Open the battery cover and Press the SET switch ONE TIME
 - The LED of the number plate will be lighted after "Peep" SOUND ON
 - If you don't change the adjustment within 7 seconds after the LED on, the adjustment will be cancelled after LED is out.
- 4) Press the new password
 - Input new password while the LED ON (from 4 to 12 digits)
 - You can use the same number digit repeatedly.
- 5) After you inputted the new password and the * (start) button is pressed.
- 6) "Peep" sound on.
- 7) You should press the same passwords you input once again to complete.
- 8) Press the * (start) button again.
- 9) "Pee Li Ling" sound on.
 - If you input different password when inputting the new password twice, the previous password will be remained without any change.

2. How to delete Fingerprint

- 1) Open the door and fix it opened so that people can go by.
 - 2) Open the battery cover and press the SET switch twice.
 - The LED ON after "Peep Peep" sound.
 - Deleting Master User's Fingerprint (resident) : Press the password
 - Press the (*) button for 5 seconds – Fingerprint deleted after "Peep Peep Peep" sound.
 - Deleting Temporary User's Fingerprint (ex-housekeeper) :
 - press the (*) button for 5 seconds – Fingerprint deleted after "Peep Peep Peep" sound.
- ※ When you change your visiting housekeeper, make sure that you have deleted her/his fingerprint
- ※ When you install the product for the first time, make sure that you delete all the fingerprints of the master user's as well as the temporary user's ones, and then register again the fingerprints of new users.

3. How to register Fingerprint

- 1) Open the door and fix it opened so that people can go by.
 - Before registering the fingerprint, first of all, you should delete the fingerprint.
- 2) Open the battery cover and Press the SET switch twice.
 - The LED ON after "Peep Peep" sound.
 - Registering Master User's Fingerprint (resident): Press the password
 - Press the (*) button – Please put your fingerprint on the sensor of fingerprint input plate
 - Fingerprint registered after "Pee Li Ling" sound.

- Registering Temporary User's Fingerprint (ex-housekeeper): Press the (*) button
 - Place User's fingerprint on the sensor in turn when the LED light is on
 - Fingerprint registered after "Pee Li Ling" sound.
- ※ If you don't change the adjustment within 7 seconds after the LED on, the adjustment will be cancelled after LED is out.
- ※ Up to 100 Fingerprint can be registered.
 - Up to 90 fingerprints of the master users : For members of household
 - Up to 10 fingerprints of the temporary users : For visiting housekeeper

4. How to setting the Left / Right side handed door

- 1) Open the door and fix it opened so that people can go by.
- 2) Open the battery cover and Press the SET Switch three times.
 - "Peep peep Peep" sound on, the LED on
- 3) Press the #1 (Left handed door) / #3 (Right handed door) button for 5 minutes while LED on.
 - If you don't change the adjustment within 7 seconds after the LED on, the adjustment will be cancelled after LED is out.
- 4) When the pressing #1 (Left handed door) / #3 (Right handed door) button for 5 minutes, "BEEP Ring" sound will be heard, and it will become left handed door / right handed door.
 - LEFT HANDED DOOR : SET switch (3 times) → ①
 - RIGHT HANDED DOOR : SET switch (3 times) → ③

5. How to setting the Automatic / Manual lock mode

5-1. Number Plate Usage

- 1) Open the door and fix it opened so that people can go by.
- 2) Open the battery cover and press SET switch THREE TIMES.
 - "Peep peep peep" sound on, the LED on.
- 3) Press the #7 / #9 button while LED on
 - When pressing, "Pee Li Ling" sound will be heard, and it will changed The Automatic / Manual lock mode.
 - MANUAL : SET switch (3 times) → ⑦
 - AUTOMATIC : SET switch (3 times) → ⑨

5-2. OPEN/ CLOSE Button Usage

- 1) Open the door and fix it opened so that people can go by.
- 2) Press the OPEN / CLOSE button for 5 seconds while LED on.
 - The LED ON after "Peep" sound.
- 3) Press the #7 / #9 button while LED ON
 - When the pressing #7 (Manual) / #9 (Automatic) button, "Pee Li Ring" sound will be heard, and it will changed the Manual / Automatic lock mode.

6. Beep sound / Etiquette mode / Voice message function adjustment

- 1) Open the door and fix it opened so that people can go by.
- 2) Press the SET switch three times.
 - (The LED of the number plate will light after the "Peep peep peep" sound.)

- 3) When pressing #4(beep sound), #5(etiquette mode) or #6(voice message function), the adjustment will be changed with the "Pee Li Ling" sound.

- Beep sound :SET switch(3 times)→ ④
- Etiquette mode :SET switch(3 times)→ ⑤
- Voice message :SET switch(3 times)→ ⑥

7. How to open the door

7-1. When Opening the Door with Password

- 1) Open the front cover. When it's opened already, press the * (start) button.
(-The LED ON after "Peep" sound)
- 2) Input the registered password
- 3) Press * (Start) Button or Close the cover.
- 4) The LED of the number plate will be off after the voice message "It's opened" is heard.
- Unless you open door within 7 seconds after hearing voice signal of "It's opened", the door shall be automatically locked again with the voice signal of "It's locked".
- 5) Down the handle.

7-2. When Opening the Door with Fingerprint

- 1) Place Registered User's fingerprint on the sensor.
- 2) The voice message "It's opened" is heard.
- If you don't change the adjustment within 7 seconds after the LED on, the adjustment will be cancelled after LED is out, automatically locked again with the voice signal of "It's locked".
- 3) Down the handle.

8. How to open or lock the door from inside.

8-1. When opening the door

- 1) Press the OPEN/ CLOSE button in the inner body or Turn the THUMB TURN to Open direction, then the voice message, "It's opened" will be heard.
- 2) Down the handle.

8-2. When closing the door

- 1) Automatic lock mode
When closing the door it'll be locked automatically after the voice message, "It's lock" will be heard.
- 2) Manual lock mode
Press the OPEN/ CLOSE button in the inner body or turn the THUMB TURN to Close direction, then the voice message, "It's lock" will be heard.

9. How to use dual lock function

1. Turn the Dual Lock Switch in the inner body to the right until the word " LOCK" could be seen.
- The voice message, "It's locked" will be heard.
2. When the door is dual locked, it will not be opened with password/Remocon/ OPEN/CLOSE button.
3. When pressing * (Start) / # (Close) button, the voice message of "It's intercepted" will be heard.
※ When canceling the dual lock function, turn the Dual Lock Switch to the left until the word "OPEN" could be seen.
4. The dual lock equipment provides 2 conditions as following for user's benefits.
 - 1) When "Locking" the door for dual lock function while it's locked, nobody can open it from

inside of outside.

- 2) When "Locking" the door for dual lock function while it's unlocked, it maintains unlocked condition, and it's more convenient when there's a frequent stream of coming in and going out.

10. Locking from Outside

1) Automatic lock mode

When the door is closed, it'll turn to automatic close condition after the voice message, "It's lock"

2) Manual lock mode

- Press the # (Close) button on the number plate.
- When the door is locked properly, the voice message "It's locked" will be heard.
- In case of it's locked properly, when pressing # (Close) button on the number plate the "Beep Beep" sound will be heard.

11. Lock confirmation

- 1) When the door is locked properly, the voice message "It's locked" will be heard.
- 2) When Locking from inside: Manual mode / Automatic mode
 - ※ When press the OPEN/ CLOSE button in the inner body or turn the THUMB TURN to Close direction, The door is locked.
 - ※ When the user doesn't unlock the door after opening it with password or remocon, within 7 seconds, it'll be relocked automatically.
 - It'll be automatically relocked after 7 seconds regardless of automatic or manual mode.
- 3) When Locking from outside : Manual mode
 - ※ Press the # (Close) button on the number plate.

USER INSTRUCTION & CAUTIONS

USER INSTRUCTION

1. Battery Change

- 1) When it's the time for replacing the batteries, the voice message "Please change the batteries," will be heard in the Lock/Unlock function of the the door block.
- 2) The voice message for the battery change will not be heard after 50 times so please change the battery immediately when it's heard.
 - When the batteries are not changed, the door shall not be opened or closed automatically.
- 3) Please use the "Alkaline" batteries only.
 - When using the manganese dry batteries or rechargeable batteries, the door lock might not be operated properly.
- 4) Please insert the same 8 new alkaline batteries according to the proper negative and positive pole.
 - When using the different batteries together of the pole is not correct, it shall cause a battery discharge, battery liquid generation of product damage.
(Please refer to the pole indication of the battery cover.)

※ After changing the batteries, the password and electronic cryptographic key registration will not be deleted.

2. External Power Usage

- 1) The product is designed to be supplied electric power from outside when the batteries in the door lock are run out.
- 2) 6F22 (FC-1) 9V battery is used, and it's possible to purchase the batteries easily.
- 3) When using the 9V battery, please open the door with password or registered remocon while connection the battery to the external power terminal without considering the battery polarity.

3. External Invasion Warning Function

- 1) When there's trespassing without inputting the password or contacting the registered electronic cryptographic key while the door is locked, the emergency alarm should be heard.
- 2) Emergency Alarm Function Cancellation
 - a. When the user knows the password, press *(Start) button, password and *(Start) button again, then the alarm sound will be cancelled.
 - b. In case of that the electronic cryptographic key is registered, the alarm sound will be cancelled by contacting it.

4. Manual Mode Message Function

- 1) When going out with the door opened in manual mode and the "Beep Beep Beep" sound will be heard for 3 times immediately after 1 second if the user doesn't change it to the locking mode.

5. Directions when Close/ Open Detection Sensor is out of order.

- 1) When the close/open detection sensor is out of order in the close mode
 - a. The emergency alarm sound of the external invasion will be heard.
 - b. Cancel the trespassing alarm with password or registered remocon.
 - c. Use the door lock after changing to manual mode.
- 2) When the close/ open detecting sensor is out of order in the open mode,
 - a. It shall not be changed to close mode
 - b. Use the door lock after changing to manual mode.
- 3) In case of the CLOSE/ OPEN detecting sensor is out of order, use it after changing to manual mode and get a warranty service immediately.

6. Deadbolt protection

When changing to close mode with THUMB TURN while the door is opened, it'll be changed to the open mode with an alarm sound.

This function is to prevent against the deadbolt's breakdown when it's collided with the doorframe.

※ When it's in manual mode, this function shall not be operated.

7. Alarm Cancellation

- 1) Cancellation with Password
 - a. Press *(Start) button.
 - b. Input the password.
 - c. Press *(Start) button.
- 2) Cancellation with Remocon
 - Press the registered remocon.

CAUTIONS FOR USE

For using the product more effectively without any defect, please be aware of the things below.

1. Conditions for Operation

Battery : Alkaline Battery AA 1.5V X 4 (DC 6V)

Humidity: Less than 70% RH

Temperature : -10 °C ~ +50 °C

Others : Do not clean the product with water and don't give a strong shock.

2. In Case of Product Defect

Do not disassemble the product and please contact the purchased store of headquarters.

Indemnity Standard for Customer's Loss

Type of Customer's Loss		Indemnity Statement	
		Within the Guarantee Term	After the Guarantee Term
Functional disorder which is naturally occurred in the status of normal operation	In case of that the important parts should be repaired within a month from the date of purchase	Product Exchange	—
	In case of that the same defect is occurred more than 3 times	Free Repair	Charged Repair
	In case of that the same defect is occurred more than 4 times	Product Exchange	Charged Repair
	In case of that the product cannot be repaired due to the shortage of the parts within the warranty service term of the parts	Product Exchange or Refund at Purchased Price	—
In case of that the product at the customer's intention or fault cannot be repaired due to the shortage of the parts within the warranty service term of the parts		Product Exchange after Collecting the Applicable Price at Charged Repair	Charged Repair
In case of that is not suitable to the quality guarantee conditions due to the unnatural function or function defect		Charged Repair	Charged Repair

※ The defect due to the inappropriate operations according to the directions or product cleaning are not applicable to the guarantee.

Certificate of Guarantee

Name of Product : Digital Door Lock (KDL-F2)	
Product Number,	
Date of Purchase	
Term of Guarantee	
Name of Customer	
Customer Address	
Phone	
Place of Purchase	
Store	
Installer	
Address of Installer	
Phone	

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- ♣ The items on the certificate of guarantee should be stated in the place of purchase and in case of that is not written there shall be a disadvantage for the product indemnity.
- ♣ The separate copy of the guarantee certificate should be registered in the headquarter by giving it to the agency or installing engineer.
- ♣ This product is produced under thorough quality management regulation.
- ♣ The certificate of guarantee shall not be reissued.