SCHLAGE

S-7800

DIGITAL PUSH-PULL DOOR LOCK

WITH FINGERPRINT READER

USER MANUAL

⚠ Notice

Please read this manual before installation and operation

⚠ Safety precautions

Do not disassemble or alter the lock. Disassembling the door lock may damage the product. Damage to the product caused by unauthorised persons may void the warranty.

Please keep the product away from water or any liquids. If the product is exposed to water or liquids, please wipe the moisture off with a soft cloth. If moisture or foreign materials penetrate the product, remove the batteries immediately.

Please check the batteries every 6 months for leaks/cleanliness. If leakage is discovered, please wipe out with a dry cloth and replace with new batteries. In case of exposure to leakage, wash affected skin area with soap and water immediately.

Do not clean the product with flammable materials such as alcohol, benzene or thinners. Such materials may damage the surface of the lock or cause a fire.

Batteries should not be exposed directly to heat sources or submerged in water, because they may leak or explode, resulting in severe damage. Do not use damaged batteries.

Do not allow the battery electrodes to make contact with metals such as keys, as the battery may overheat, causing an explosion or severe damage.

Please do not close the door with the deadbolt in the locked position. It may damage the product or cause a malfunction.

Do not mix old and new batteries, or use different types of batteries. Ensure the + and - ends of the batteries are positioned correctly. Incorrect positioning may cause leaks and/or an explosion.

Contents

Product features

Convenient push pull handle conversion
Direction of lever may be adjusted according to door opening direction.

Smart auto safety handle
Operation of the handle is restricted to provide higher security level.

Non-handed
The product can be installed in a left or right handed configuration.

Automatic/manual locking modes
Either automatic or manual locking modes can be selected.

Auto-relock function
If users do not open the door after unlocking the device it will lock itself automatically.

Double lock function
When double lock function is activated, the door cannot be opened from the outside, even with the registered card, PIN code or fingerprint. Override key can still be used.

Mute function
Door will not emit any sound when mute is activated.

Battery level indicator and alarm for battery replacement
Easy to check battery status with three step level indicator and alarm when battery replacement is required.

Trespass alarm function
When the door is opened by force an alarm will sound.

Prevent trespass and hacking

After multiple incorrect attempted entries an alarm will sound and all the functions of the lock will be suspended for three minutes. The alarm activates after three incorrect PIN/card entries and five incorrect fingerprint entries.

Random security coding

When you enter your home with other people, you may not want to show your PIN code to them. In this case, you may press any numbers randomly and then enter your PIN code at the end and you will still gain access.

Normal mode/safety mode

Normal mode is ideal for new users or low security environments Safety mode provides a higher security level via use of a manager PIN code. Allows individual register and delete function which is not provided in normal mode.
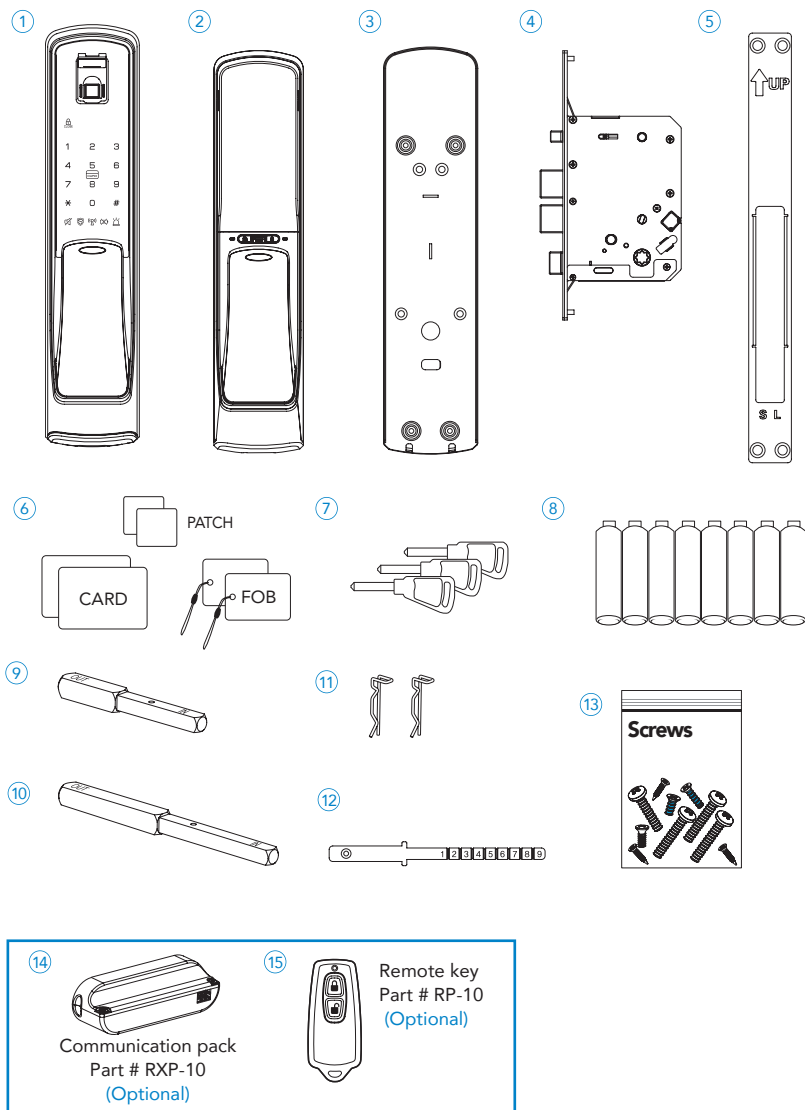
Option function

Used for changing optional functions:
1. Register and setting for RF connection option
2. Change of language

Product composition and components

① ② ③ ④ ⑤

⑥ PATCH CARD FOB ⑦ ⑧

⑨ ⑪ ⑬ Screws

⑩ ⑫ 1 2 3 4 5 6 7 8 9

⑭ Communication pack Part # RXP-10 (Optional)

⑮ Remote key Part # RP-10 (Optional)

Name	Product specification	Notes
① Front assembly	88mm(W) X 396mm(H) X 40mm(D)	Including rubber pad
② Back assembly	83.7mm(W) X 373mm(H) X 38.7mm(D)	
③ Back cover	88mm(W) X 381mm(H) X 8.7mm(D)	Including rubber pad
④ Mortice lock	105.4mm(W) X 240mm(H) X 24mm(D)	
⑤ Strike	24mm(W) X 240mm(H) X 4.5mm(D)	
⑥ Card key	2 x card, 2 x fob key, 2 x patch	
⑦ Mechanical key	Mechanical key x 3	
⑧ Battery	8 x 1.5V 'AA' alkaline	
⑨ Handle shaft	70.5mm(W) X 8mm(H) X 8mm(D)	40-50mm door
⑩ Handle shaft (M)	101.7mm(W) X 8mm(H) X 8mm(D)	70-90mm door
⑪ Handle shaft clip	2 of	
⑫ Key tail plate	1 of	
⑬ Screws	1 set	
⑭ Communication pack	Communication pack	Optional
⑮ Remote key	Remote key	Optional

Note: door thickness range is 40mm-90mm

Factory settings

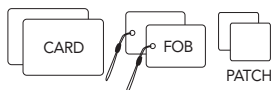| Item	Setting status	Ref. page
Auto/Manual lock mode	[Auto-lock]	11
Language (English/Chinese)	English	11
Normal mode/security mode	Normal mode	13
Voice guide volume (1-3 level)	3 level [Maximum]	15
Beep volume level (1-8 level)	8 level	15
Handle direction (push/pull)	Front cabinet - pull/back cabinet - push	

Overview

1. Front assembly

Fingerprint sensor
Touch the registered fingerprint on sensor, and then open the door

Lock/unlock lamp
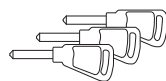Indicates lock/unlock status

Touch type numeric pad

Card keys
(Card, fob, patch)

CARD   FOB   PATCH

Mechanical keys

🔍 **Emergency cover**

Status indicator
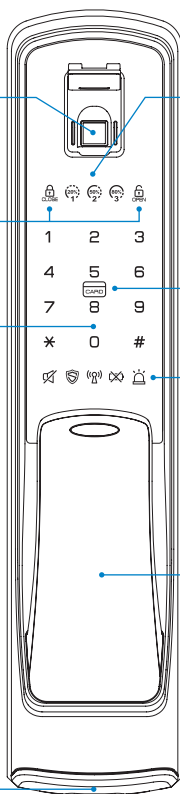Indicates operation status and checking battery

Card key touch plate
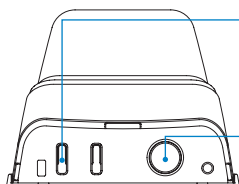Touch the registered card key to open the door.

Function icon
🔇 Mute function
🛡 Safety handle
🔋 Battery replacement indicator
🔔 Trespass alarm function
(((•))) Wireless interlock

Handle
You can open the door by pushing or pulling it after unlocking

🔍 **Emergency cover** (external emergency power supply terminal and emergency key cylinder)

External emergency power supply terminal
When batteries are flat lock may be operated and unlocked by contacting 9V battery on terminals.

Emergency key cylinder
Door may be opened by mechanical key.

2. Back Assembly

[N] button

Registration/deletion of code, card, fingerprint in normal mode

[S] button

Registration/deletion of code, card, fingerprint in safety mode

Indicator lamp to set the safety handle

[Double lock function] button

Button to set double locking mode

⚲ Safety handle jog button

(Refer to explanation below)

Handle

⚠ **Caution**

When the lock is in push mode please do not put your fingers between the lever and the door lock body as this may cause injury.

Battery cover

Push up to open the battery cover

[Option] button

To register or delete optional RF communication module

Auto/Manual mode switch

A : Auto mode
M : Manual mode

LED indicator (locking status)

[Manual locking] button

Button to lock the door manually

Manual safety handle switch

To release safety handle function manually when safety handle jog button is out of order or battery has died
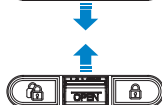
Cover

⚲ How to set the safety handle function

Hold down [CLOSE] for 5 seconds
The safety handle function is set

Hold up [OPEN] for 3 seconds
The safety handle function is temporarily cancelled

Shortcut icons

Ⓝ : [N] button	Ⓢ : [S] button	(ᵗᵖ) : [Option] button
✱ : Press [✱]	# : Press [#]	🖑 : Touch the front pad
C : PIN code	💳 : Card key	👆 : Fingerprint
UC : User code	MC : Manager code	RC : Registration code
🔔 : Trespass alarm	🔓 : Unlock	🔒 : Lock

• Normal mode : [N] button/Safety mode : [S] button

How to replace batteries

If battery lamp is flickering RED and alarm sounds, open battery cover and replace all 8 batteries (1.5V 'AA' size LR6 alkaline)

How to apply external power in an emergency
How to use mechanical override key

External power in an emergency							Card key				
PIN code	🔋	🖑	✱	C	✱	🔓	Card key	🔋	🖑	💳	🔓
Mechanical override key											
	Open the cover	🔑	🔧	Push or pull the handle and open the door							

How to use random security coding function

How to use random security coding function										
	🖑	✱	RAN DOM CODE	C	✱	🔓				

How to unlock/to lock from outside

How to unlock from outside									
PIN code	🖐	✳	C	✳	🔓	**Card key**	CARD		👆

How to unlock from outdoor (mute function)									
PIN code	🖐 3"sec	🔕 OFF	✳	C	✳	🔓			
Card key	🖐 3"sec	🔕 OFF	CARD	🔓					

How to lock from outside									
Auto-locking mode	A▮M	▯	🔒						
Manual-locking mode	A▮M	▯	🖐	0	🔒				

How to set auto-locking/manual-locking		
Auto-locking mode	A▮M	In auto-locking mode, door will be locked automatically after closing.
Manual-locking mode	A▮M	In manual-locking mode, door will be locked by pressing manual lock button after closing.

How to select the language									
English	📢 3"sec	3	C	or CARD	#	1			
Chinese	📢 3"sec	3	C	or CARD	#	2			

How to unlock/lock from inside

Push lever from inside

1. Auto-locking mode

A▮M

When the door is closed, door is locked with beep sound automatically.

2. Manual-locking mode

A▮M   🔒 OPEN 🔒

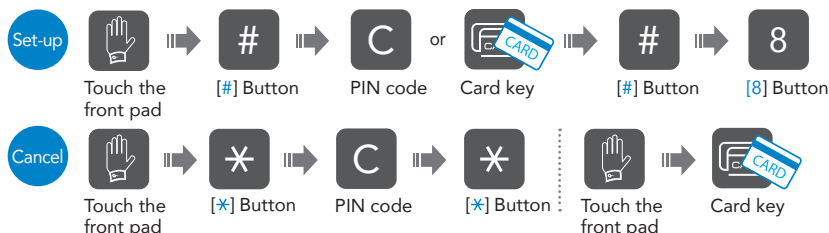Setting manual-mode   Press manual lock button, then door is locked

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How to set double locking function

Set-up

Press [double lock] button for 3 second
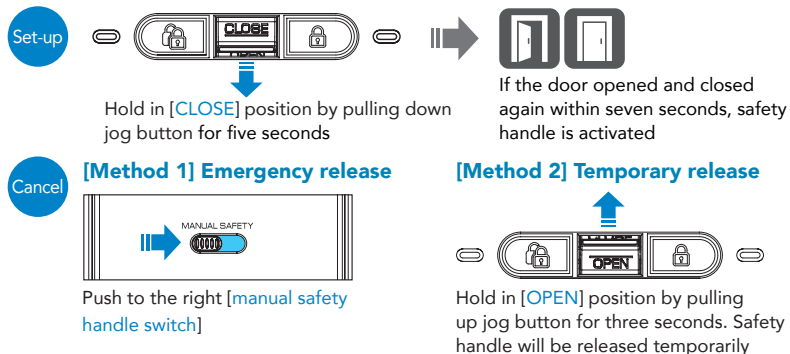
Cancel

Press [manual-locking] button

Safety handle function

The safety handle function may be set up from both outside and inside, and is automatically cancelled when the registered PIN code or card is validated from the outside. Safety handle function can only be cancelled temporarily from inside.

1. How to set the safety handle function from outside

Set-up

Touch the front pad → [#] Button → PIN code → or Card key → [#] Button → [8] Button

Cancel

Touch the front pad → [✱] Button → PIN code → [✱] Button ⋮ Touch the front pad → Card key

2. How to set the safety handle function from inside/ how to release

Set-up

Hold in [CLOSE] position by pulling down jog button for five seconds

If the door opened and closed again within seven seconds, safety handle is activated

Cancel

[Method 1] Emergency release

MANUAL SAFETY

Push to the right [manual safety handle switch]

[Method 2] Temporary release

Hold in [OPEN] position by pulling up jog button for three seconds. Safety handle will be released temporarily

Auto-locking function/auto-relocking function

1. Auto-locking function

When the door is closed, it will be locked automatically.

2. Auto-relocking function

If the door is not opened within seven seconds after the PIN code, card key or fingerprint is validated, it will be re-locked automatically.

How to change normal mode/safety mode

- Normal mode: ideal for new users or low security environments
- Safety mode: higher security level via use of a manager PIN code. Provides individual register and delete function

PIN code: 10 entries (6-12 digits) | Card key: 20 entries | Fingerprint: 100 entries

[N] : [N] Button   [S] : [S] Button   UC : User code   MC : Manager code

RC : Registration Code   [CARD] : Card key   (fingerprint) : Fingerprint

How to change from safety mode to normal mode

	1	2	3	4	5	6	7	8	9	10
Normal mode	[N] 3"sec	MC	#	UC	#	UC	#			

How to change from normal mode to safety mode

	1	2	3	4	5	6	7	8	9	10
Safety mode	[S] 3"sec	UC	#	MC	#	MC	#			

Normal mode

Normal mode		1	2	3	4	5	6	7	8	9	10
REG.	**PIN code**	[N]	1	4	RC	*	. . .	*			
	Card key	[N]	1	5	[CARD]	. . .	[CARD]				
	Finger print	[N]	1	6	(fingerprint)	*					
DEL.	**All Card key**	[N]	2	5	*						
	All	[N]	2	6	*						

- Repeat highlighted part of diagram above for continuous register or delete

Safety mode

PIN code: 10 entries (6-12 digits) | Card key: 20 entries | Fingerprint: 100 entries

[N] : [N] Button   [S] : [S] Button   [UC] : User code   [MC] : Manager code

[RC] : Registration code   [CARD] : Card key

Safety mode		1	2	3	4	5	6	7	8	9	10	11	12
REG.	PIN code	S	1	4	MC or CARD		#	RC	✱	✱			
	Card key	S	1	5	MC or CARD		#	Card registration number(2digits)		#	CARD	✱	
	Finger print	S	1	6	MC or CARD		#	Fingerprint registration number(3 digits)		3 times		#	✱
DEL.	All card key	S	2	5	MC or CARD		#						
	Individual card key	S	3	5	MC or CARD		#	Card registration number(2digits)		#	✱		
	All fingerprint	S	2	6	MC or CARD		#						
	Individual fingerprint	S	3	6	MC or CARD		#	Fingerprint registration number(3 digits)		#	✱		
Safety mode (manager)													
Change	Manager code	S	8	4	MC or CARD		#	RC	#	RC	#		
REG.	Manager card key	S	8	5	MC or CARD		#	CARD	✱				
DEL.	All manager card key	S	8	6	MC or CARD		#	5					

• Repeat highlighted part for continuous register or delete

Additional functions

How to control voice guide volume						
Min. volume	🖐	#	C or 🪪	#	1	1
Mid. volume	🖐	#	C or 🪪	#	1	2
Max. volume	🖐	#	C or 🪪	#	1	3

Guest PIN code (temporary use)									
REG.	🖐	#	C or 🪪	#	2	RC	#	RC	#

How to control operation volume						
Vol. up	🖐	#	C or 🪪	#	3	7
Vol. down	🖐	#	C or 🪪	#	3	9

Status checking guide					
Voice guide	🖐	#	C or 🪪	#	4

Check battery capacity					
Voice guide	🖐	#	C or 🪪	#	5

Safety handle function					
Set up	🖐	#	C or 🪪	#	8

Warning function against hacking		
Operate	Wrong PIN code three times/unregistered card three times/ unregistered fingerprint five times	🚨

Warning alarm function against trespass by force			
PIN code	🖐	✳	C	✳
Card key	🖐	🪪	C	✳

Communication pack /remote key   optional

1. How to install the communication pack

Communication pack

Portable remote key

LED
[lock] button
[unlock] button

Battery

+

−

• One round battery (CR1620)
  is supplied
• To replace battery open the
  back cover with screwdriver

Installing communication pack	1. Open the battery cover then remove the batteries.
	2. Install the wireless communication pack on the connected terminal.
	3. Insert the batteries after confirming the direction of ⊖ and ⊕ .

2. How to register remote key and to unlock/to lock

(( )) : [Option] button   🔓 : Remote unlock   🔒 : Remote lock

To register/to delete remote key (communication pack)								
REG.	Remote key	(( )) 3"sec	1	C or CARD	#	🔓or🔒	✳	
DEL.	All remote key	(( )) 3"sec	2	C or CARD	#			

To lock/to unlock by remote key							
Unlock		🔓		Lock	🔒		

• Repeat highlighted part for continuous register or delete

MEMO

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