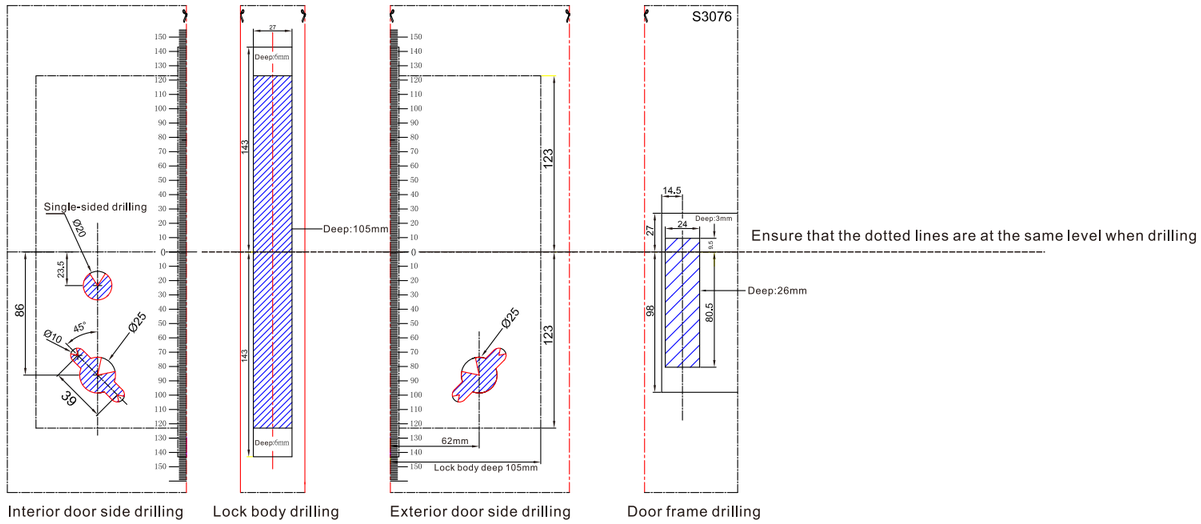
S3076 Installation and Usage Instructions

Drilling Instructions

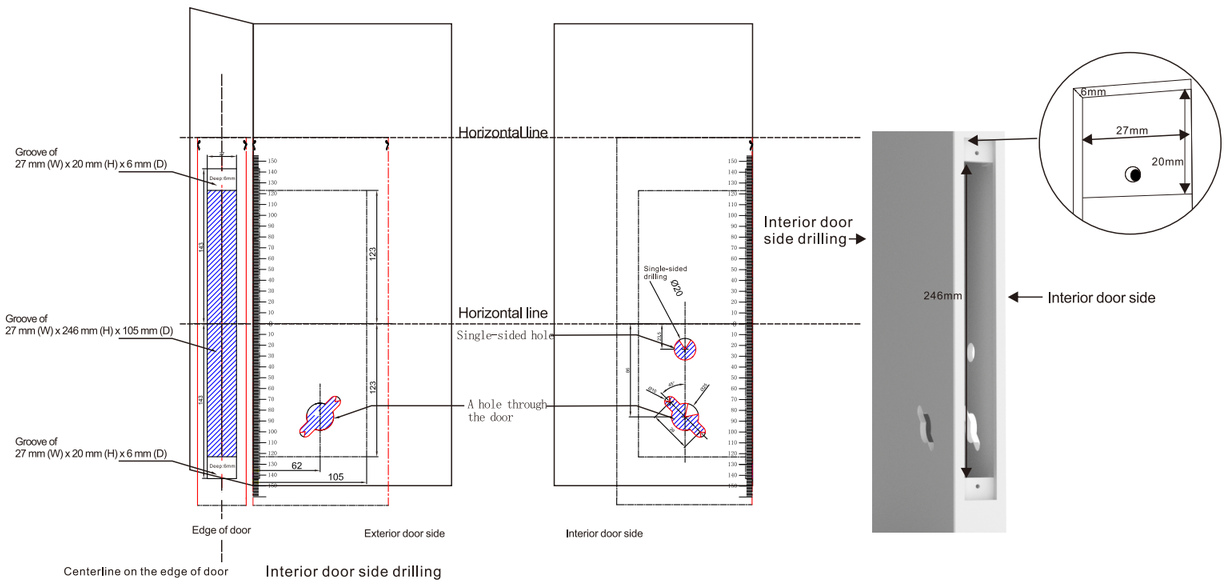
(Please select the corresponding cutout based on your door swing direction: right-hand swing or left-hand swing The figure below shows an example of left-hand swing.)

Step 1: Cut the cutout into 4 pieces along the scissors cut lines, as shown in the figure below.



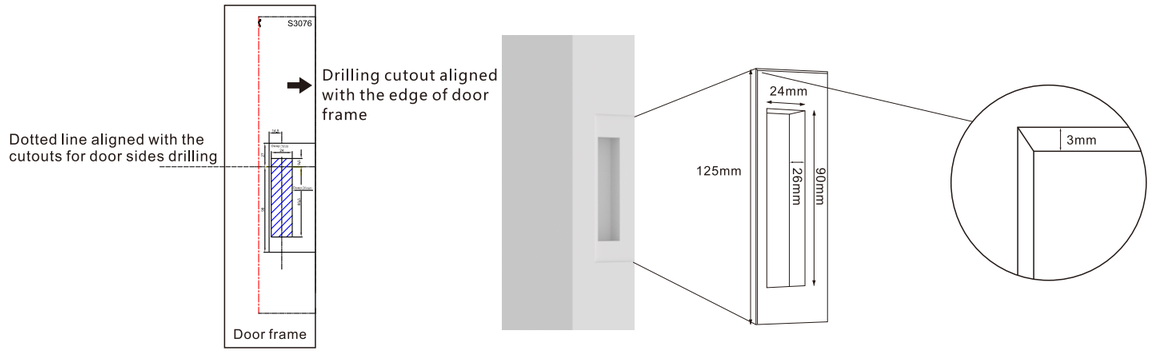
Step 2: Drilling in the door

Place the cutouts for exterior and interior door side drilling next to the edge of door, and align the centerline on the cutout for lock body drilling with the centerline on the edge of the door, ensuring that the top of the cutouts for the 3 sides are at the same level. Adjust the position of them according to the door lock installation height. Perform drilling on the exterior and interior door sides according to the shaded parts on the cutouts. Additionally drill a single-sided hole with a diameter of 20 mm on the interior door side. Drill a groove of 27 mm (W) x 246 mm (H) x 105 mm (D) on the edge of the door, and drill two grooves of 27 mm (W) x 20 mm (H) x 6 mm (D) above and below the hole for the installation of lock body. As shown below:



Step 3: Drilling in the door frame

Align the cutout for door frame drilling with the edge of door frame, and drill a hole of 23 mm (W) x 90 mm (H) x 26 mm (D) for the installation of strike box and a groove of 125 mm (H) x 3 mm (D) for the installation of strike plate as per the cutout.



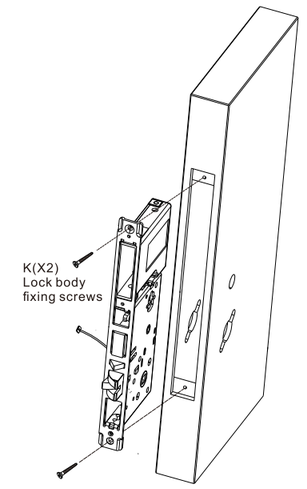
Accessories List

A Front handle components	B Rear handle components	C Rear cover components	D Lock body	E Lock body battery compartment	F Strike plate	G Strike box	P Key
H square shaft of handle	I square shaft of knob	J Side trim fixing screws	K Lock body fixing screws	L Rear trim ring fixing screws	M Back cover fixing screws	N Spring for rear handle	O Side trim

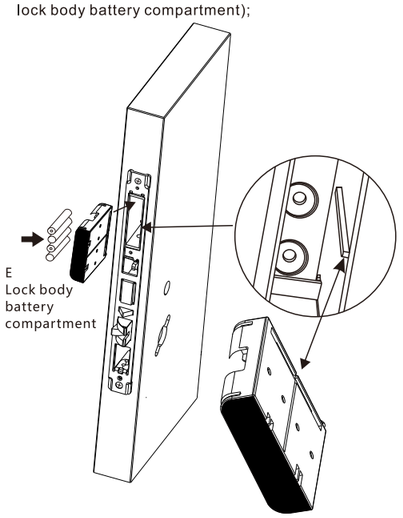
Installation Instructions

Step 1: Installation of lock body

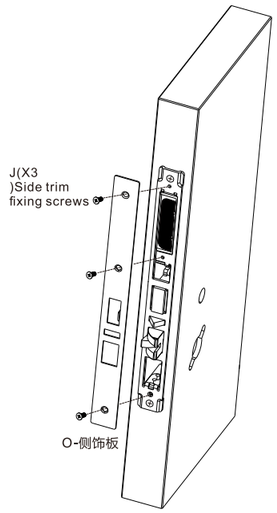
1. Insert the lock body into the pre-drilled hole on the edge of the door, thread the connecting cable through the hole on the exterior door side and secure the lock body in place with lock body fixing screws (K);



2: Insert batteries into the battery compartment (note that the positive and negative ends are pointing in the right direction), and install the battery compartment into the lock body (align the battery compartment groove with the slot at the lock body battery compartment);

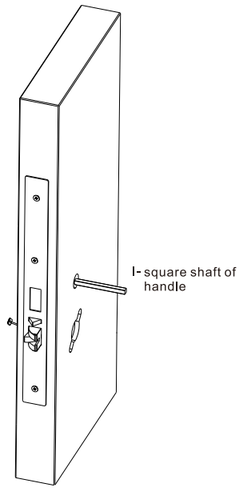


3: Install side trim and secure it with three side trim fixing screws (J).

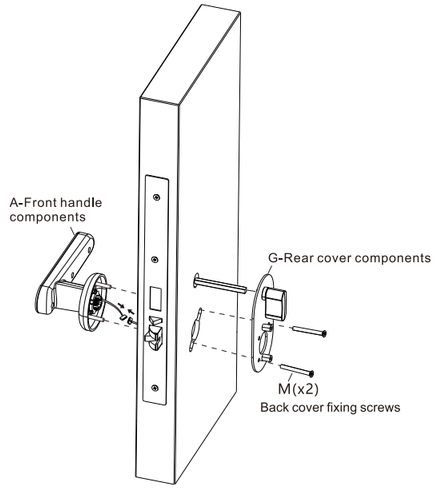


Step 2: Installation of front handle components and rear cover components

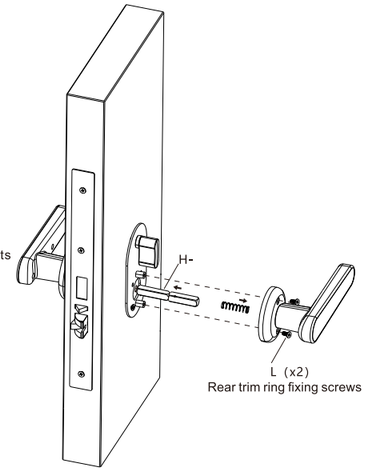
1: Insert the square shaft for knob in the upper round hole on the interior door side by aligning it with the opening for the lock body.



2: Connect the front handle components with the lock body connecting cable, place the rear cover components, and secure the front handle components and rear cover components with rear cover fixing screws (M).

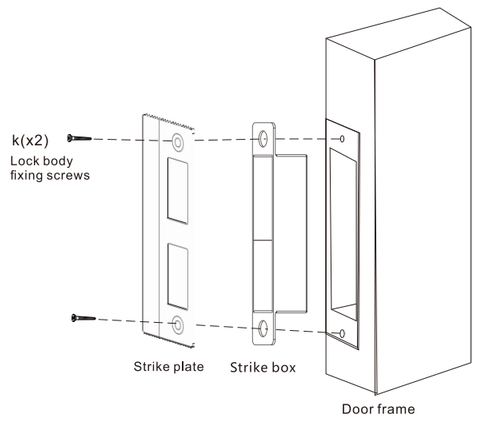


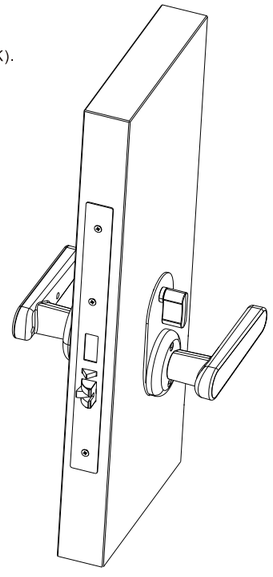
3: Insert the square shaft for handle (the end with screw is inserted first) on the interior door side by aligning it with the opening for the lock body,mount the spring on the rear handle components, and secure the rear handle components with rear trim ring fixing screws (L).



Step 3: Installation of strike plate and strike box

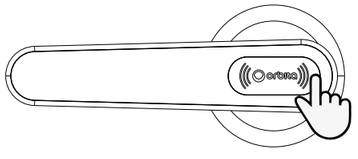
Install the strike box and side plate on the door frame and secure them with lock body fixing screws (K).

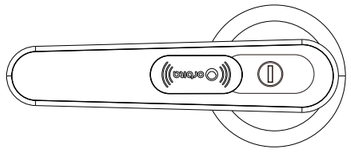


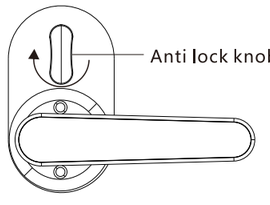


Step 4: Verification of locking/unlocking features

1: After the installation is complete, press the edge of the inductor cover with your finger. Rotate to open the cover when it pops up. Rotate your key to see whether the panel flashes blue, and press down on the handle to check whether the door can unlock properly.
2: Rotate the deadbolt knob on the rear panel to check if the deadbolt latch can be properly retracted. If No, check if the side trim blocks against the latch. You can appropriately adjust the position of the side trim.
3: If everything is OK with the above steps, use the card that has been set to swipe at the card area of the front panel to check whether the door can unlock properly. If Yes, the door lock installation is complete.

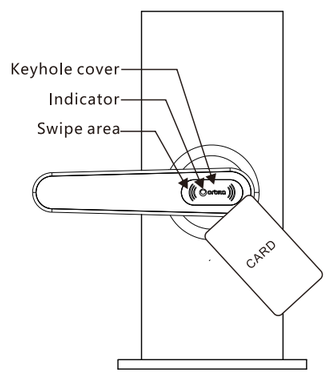


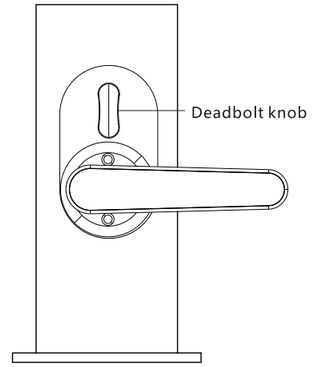




How to Use

1: Unlock by card: Tap the card at the swipe area and you will hear a beep sound and the panel flashes blue. Then press down on the handle to unlock.





2: Lock from inside: Rotate the deadbolt knob on the rear panel for double lock function
(Note: Before using the card, you need to have it issued through the supporting management software and card issuer. Please refer to the “ORBIT Hotel Lock System Management Software Operating Instructions” for details.)

Product Introduction

Thank you for purchasing this product (Model: S3076) from Orbit. It has a streamlined and fashionable design with a hidden keyhole. It is wholly made of high-strength zinc alloy + stainless steel with an acrylic inductor cover, making it strongly resistant to impact, corrosion and abrasion. This product is highly scalable. Its motherboard is highly integrated inside the lock body to facilitate installation.

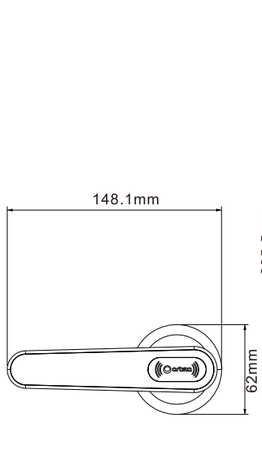
S3076 lock supports other management software, Fidelio/Opera, and ORBITA wireless handheld devices to realize data collection, door lock settings, data download and other functions. It adopts an American standard 5-point tongue lock body, with a combination of anti-insertion beveled latch bolt design and beveled latch bolt abnormality alarm design for double security, stability and reliability. It has functions such as door ajar alarm, low voltage alarm, channel function and all-in-one smart card.

It supports upgrading to a Bluetooth smart lock, unlocking by mobile APP and OTA upgrading.

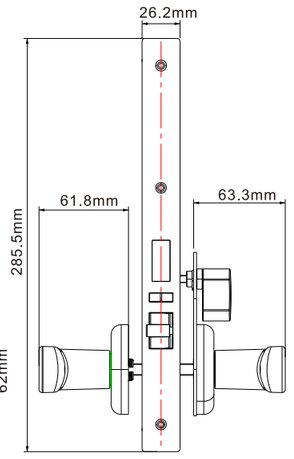
Technical Specifications

Panel Dimensions	62 mm (L) x 62 mm (W) x 12 mm (H)
Material	High strength zinc alloy + 304 grade stainless steel
Operating Voltage	DC 6V (4 AA dry batteries)
Operating Current	Quiescent current: < 30 μA; dynamic current: < 200 mA
Battery Life	Support about 15,000 cycles, and last over one year
Working environment	Temperature: -20□ – 60□; Relative Humidity: 20% – 90%
Card Type	Mifare 1 card
Low Voltage Alarm	When the battery voltage is lower than 4.8V, a buzzer will beep. After that, the lock lasts about 100 cycles.
Activity Log	Stores up to 1,680 pieces of logs (depending on the configuration)
Mechanical Key	Can be unlocked by mechanic keys

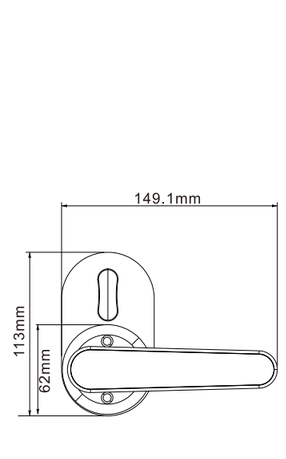
Product Dimensions (mm)



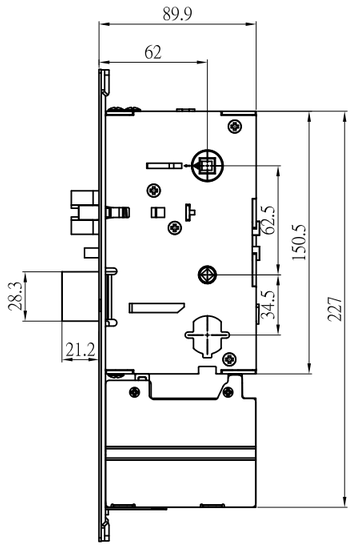
Front panel



Side view



Rear panel



Lock body

Daily Maintenance and Service

- Please avoid the contact of the lock face with corrosive liquids; otherwise, the plating of the lock face may be damaged.
- Do not hang heavy objects on the lock handles, as this may result in misalignment or wear of the handles.
- When the low voltage alarm is triggered, please replace the batteries in time, paying attention to insert the batteries into the slots in the right direction when replacing.
- Please wipe the door lock with clean water and dry it with a dry towel to remove dust from the lock. Do not use other corrosive cleaning agents.
- In case the lock body cannot be rotated smoothly, please contact the customer service for help. Do not disassemble it by yourself.
- Please keep the key properly for emergency use.
- It is suggested that the door lock be checked once half a year or once a year to avoid loosening of the lock screws and handles that may affect the proper use of the door lock.

FAQs

Question: Two red flashes and two beeps indicate that the card is a guest card for another room, or a maintenance card has exceeded its specified number of times for door opening.
Solution: Open the door with the correct guest card or reset the maintenance card.

Question: Three red flashes and three beeps indicate that the time of the card does not match the time of the lock.
Solution: The guest card has expired. Please issue a new card or update the lock's time.

Question: Four red flashes and four beeps indicate that the lock has not been authorized.
Solution: Authorize the lock with a setting card.

Question: Five red flashes and five beeps indicate that the card has been suspended.
Solution: If the card has been suspended, it cannot be used. Use a new card.

Question: Six red flashes and six beeps indicate that the door has been double-locked.
Solution: A double-locked door can only be opened by the correct guest card and a master card.

Question: Seven red flashes and seven beeps indicate that the lock has been restricted for opening by a blocking card.
Solution: In this case, the lock can only be opened with an additional reading of a master card or a blocking card.

Question: Eight red flashes and eight beeps indicate that the lock has been authorized by a setting card from another system.
Solution: If the password is unknown, the only solution is to perform a compulsory authorization for the lock.