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Orbita Hotel Lock

ECO-141 Installation and User Manual

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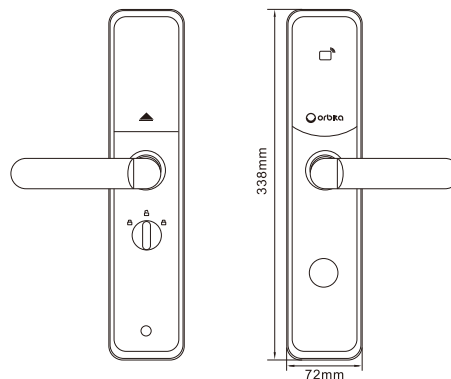
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1: Introduction

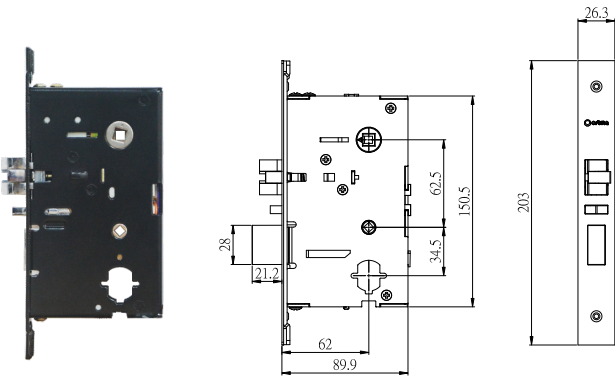
Thank you for purchasing Orbita Hotel Door Lock ECO-141. The product is made of grade 304 stainless steel with a PVC card reader cover, with strong resistance to impact, corrosion and abrasion.

ECO-141 Door Lock can support other types of hotel management software, Fidelio/Opera, and Orbita wireless portable programmer for door lock setting, data collection and download functions. Certified by European CE and U.S. FCC, our products adopt the American standard 5-point tongue lock body with an anti-shim plunger design and an abnormal latch bolt alert for double security, stability and reliability. Functions such as door left open warning, low battery voltage warning, channel function and all-in-one function are available.

1-1: Product Dimensions (unit: mm)



Standard Lock Body Dimensions (unit: mm)



1-2: Technical Specifications

Panel dimensions	L338mm * W72mm * H22mm
Material	Cr stainless steel + ABS panel
Operating Voltage	DC 6V (4 AA dry batteries)
Operating Power	Quiescent current: < 30 μ A; dynamic current: < 200 mA
Battery Life	Provide up to 150,000 operations, and last over one year
Working Environment	Temperature: -20 $^{\circ}$ C – 60 $^{\circ}$ C; Relative Humidity: 20% – 90%
Card Type	Mifare 1 card
Low Voltage Warning	When the battery voltage is lower than 4.8V, a buzzer will beep. After that, the lock lasts about 100 operations
Activity Log	Stores up to 1,680 pieces of logs (depending on the configuration)
Mechanical Key	Unlock by mechanic keys

1-3: Packing Slip

Front panel	*1
Rear panel	*1
Lock body	*1
Cylinder	*1
Keys	one key for multiple locks: 6% of the number of locks; one key for one lock: 2 keys for every lock
Cardboard cutout	one for the sample lock, and three to ten for every batch (subject to actual quantities)
Batteries	four batteries for every lock
Cylinder box	*1
Screw package	*1
Striking plate	*1
Striking plate box	*1
Side trim	*1

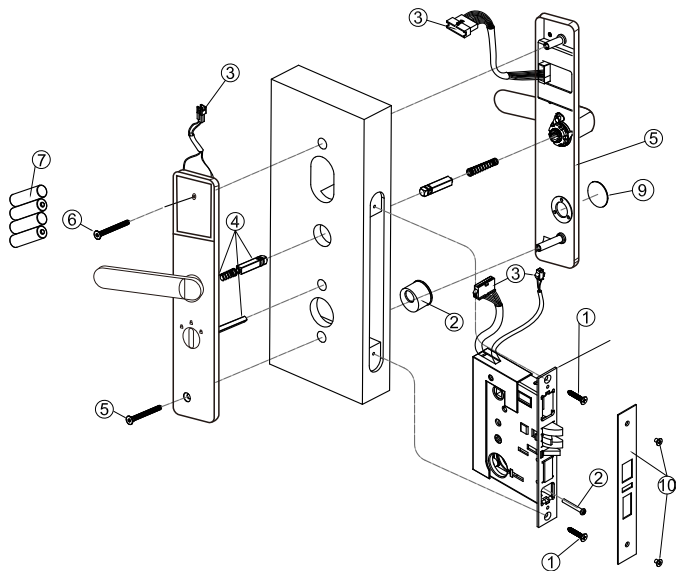
1-4: Application

ECO-141 Lock can be used in hotels, hospitals, schools and apartments, which comes with Orbita management system to save time and costs.

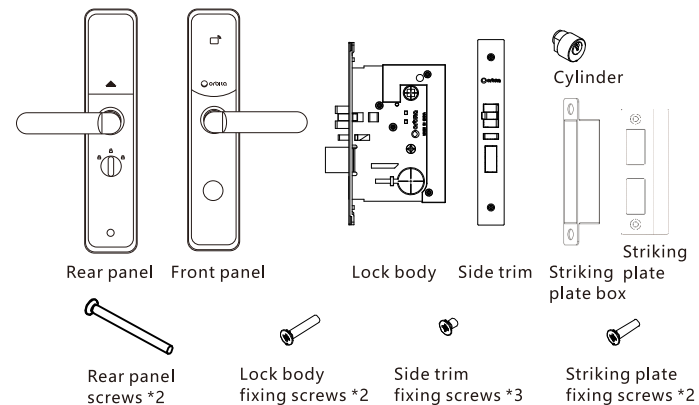
- Door thickness 32-70 mm
- Door types: Wooden, metal and composite doors

2: Installation

Please refer to the number below for the installation sequence

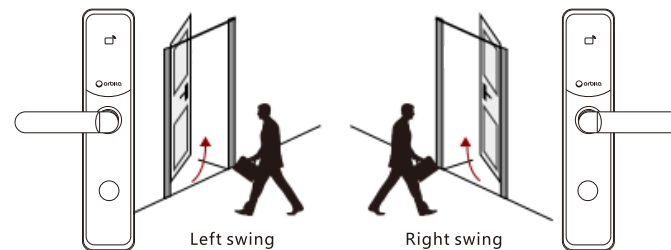


Door Lock Accessories



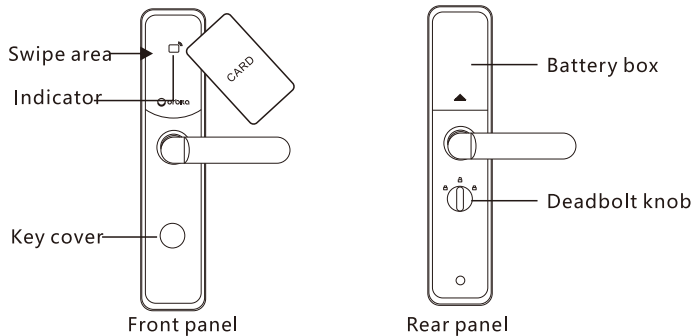
Installation Steps

1. Please choose the correct door lock in accordance with the door swing direction



3. Operation Guide

3-1: Unlock by card: Swipe the card and you will hear a beep with blue light lit up. Then press down the handle to unlock.



3-2: Lock from inside: Rotate the deadbolt knob on the rear panel f or the double lock function

(Note: The card needs to be encoded by the compatible management software and card encoder before use.

Please refer to the “Orbita Hotel Lock System Management Software User Manual” for details.

4. Daily Maintenance and Care

- Avoid contact with corrosive liquids as this may damage the plating of the lock.
- Do not hang heavy objects on the handle to protect it from dislocation or abrasion.
- Please replace the batteries in time when the battery voltage is low, and pay attention to its polarities.
- Use water and dry towels for cleaning. Do not use other corrosive cleaning agents.
- Please contact customer service for help if the lock body does not rotate smoothly. And do not disassemble it on your own.
- Please keep the keys in a safe place in case of an emergency.
- It is recommended to check the door lock once every six months or once a year to avoid the loose screws and handles affecting regular functions.

5. Troubleshooting

Problem: Two red blinks and two beeps indicate that either it is the guest card for other rooms, or the maintenance card has exceeded its specified number of times for unlocking.

Solution: Open the door with the correct guest card or reset the maintenance card.

Problem: Three red blinks and three beeps indicate that the valid time period of the card does not match the lock.

Solution: The guest card has expired, please issue a new card or update the lock's time.

Problem: Four red blinks and four beeps indicate that the card has not been authorized.

Solution: Authorize the card with a setting card.