

# Knob Cylinder SMK-KC1

The Smart MasterKey Knob Cylinder is a battery-operated locking device. It has an electronic, free-rotating knob on one side and a mechanical firmly connected rotary knob on the other. The cylinder enables control of internal and external doors with mobile access or RFID cards/fobs. No internet connection is required to access your premises. The product is suitable for a very wide range of cylinder locks.



## Features

- **Modern.** The electronic cylinder with a modern stainless steel design replaces the mechanical lock cylinder. Doors are opened via the Smart MasterKey mobile app via Bluetooth® or RFID card.
- **Fits almost all doors.** In addition to new objects, it is also possible to replace existing mechanical locking systems with a modern wireless access system. Thanks to the numerous variants available, the electronic cylinder offers the right solution for almost all doors. Be it a glass door, a wooden door, a plastic door, a tubular frame door, an evacuation door, a fire door or a smoke door.
- **Energy efficient**
  - The electronic cylinder is characterized by a long battery life of up to 2 years per battery set.
- **Share access in seconds.** Give access by sending a digital key via the Smart MasterKey mobile app or add RFID card. The owner of the lock can share digital keys to users that last either for a specified period of time or forever.
- **Highest safety.** The lock can only be opened from the outside via authorised access. It is not possible to pick the lock or gain access even by breaking the outer knob.
- **Safe disassembly and battery replacement only with authorization.** By giving a command in the Smart MasterKey app, the electronic knob can be separated from the cylinder housing and therefore disassembled very easily. Changing the battery and thus removing the cover is only possible with the appropriate permission.

## Technical specification

<b>Compatibility</b>	Wide range of cylinder locks Suitable for all door thicknesses
<b>Material</b>	Stainless steel
<b>Colour options</b>	Chrome Black Anthracite Gold Bronze
<b>Power supply</b>	2 x CR2 Lithium 3V battery, possible external power source if the batteries run out
<b>Battery lifetime</b>	Up to 32,000 activations (approx. 2 years)
<b>Communication protocols</b>	BLE (Bluetooth Low Energy), RFID
<b>Operating temperature</b>	-25°C to +65°C
<b>IP rating</b>	IP55 and IP66 available
<b>Certification</b>	DIN EN 15684



### Physical properties

#### Dimensions:

Electronic knob:  $\varnothing = 40\text{mm}$

Mechanical knob:  $\varnothing = 29\text{mm}$

Cylinder: All sizes available

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