

# dormakaba skyra key

## Smart and rechargeable



### Advantages at a glance

- **Smart and multi-talented:**  
The skyra key not only opens skyra locks, it is also a smart tool for programming, maintenance and installation
- **Bluetooth® communication:**  
A short press on the skyra key activates the app connection, grants access rights and synchronises data
- **Intuitive signalling:**  
Multicoloured LEDs and flashing patterns indicate different modes to show users what is happening
- **Can be set up on site:**  
skyra keys do not need to be preconfigured; they can be easily and instantly activated using the skyra app
- **Contribution to sustainability:**  
Its rechargeable battery is designed for energy-efficient use
- **Robust construction:**  
Sturdy, waterproof key, made for usage in the field

### Networked access: it's possible with the smart skyra key

Discover aesthetics and toughness harmoniously combined in the skyra key. It doesn't just open doors; it is the universal tool in the skyra system. This innovative solution provides secure access control with cloud-based data management.

In conjunction with the skyra app, the same key can take over every access point task, from smooth activation to reliable operation and maintenance of the entire locking system.

### Assign access rights remotely via skyra app

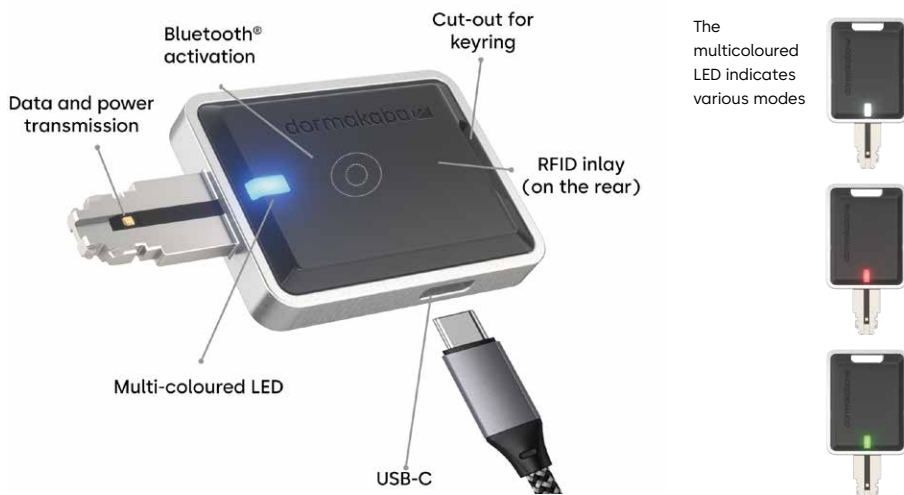
Users' access rights are defined by the responsible admin team and transferred to the skyra key via the skyra app. As soon as the rights reach the smartphone, they can be retrieved quickly from the skyra key via Bluetooth®, even with no mobile network coverage.

It is thus possible to spontaneously transmit an almost unlimited number of access authorisations for different locations if needed.

### Greater transparency and efficient access control

Seamless cellular radio integration turns the skyra key into an IoT device.

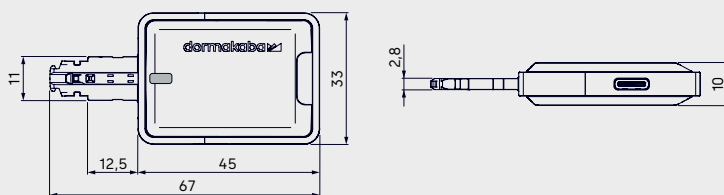
The operating data stored in the skyra door components is synchronized with the central system during each use. This provides an insight into every connected device's status and ensures transparency, control and efficient management of the entire system.



## Properties

- **Intelligent electronic key:** The skyra key not only stores access rights, it is also the connecting element and vital interface to the skyra app and thus to the system.
- **Simple activation via Bluetooth®:** A short press on the key housing activates the encrypted Bluetooth® connection to the skyra app on your smartphone.
- **Permutation-free key:** The skyra keys are mechanically identical and contain smart electronics with digital security certificates (tokens).
- **Clever reversible key design:** The symmetrical reversible key with 12 mm long key shaft is comfortable to hold and use.
- **Robust and waterproof:** The key is protected against dust and water. The metal frame enables the opening of heavy-duty doors and locks.
- **Battery-operated:** The battery in the key powers the battery-free skyra locks and cylinders via gold-plated contacts.
- **Energy-saving:** Low battery consumption in standby mode for long usage.
- **Practical charging:** Rechargeable battery with standard USB-C connection.
- **Copy-protected data:** The access rights are stored securely in the Secure Element.
- **Encrypted data transfer:** Protected transmission between smartphone and skyra door components.
- **Tamper-proof clock in the key:** Secure, periodic time synchronisation with the skyra system for precise recording of access times.
- **Multicolour LED signalling:** The LED indicates various modes such as permitted access, Bluetooth®, battery status and more.

skyra key, measurements in mm.



## Technical data

### Access rights and event log

- Online smartphone operation: unlimited
- Offline smartphone operation
  - up to 6,000 without time profile
  - up to 3,000 with time profile
  - up to 700 events

The maximum number of access rights depends on the type of authorisation or event.

### Supported tech standards

- Bluetooth® Low Energy, V5.1
- RFID inlay with LEGIC advant and MIFARE DESFire (optional)

### Security & encryption

- Encryption: AES128
- Data stored in LEGIC Secure Element (CC-EAL5+ certified)

### Durability

- Max. torque: 5 Nm
- Max. door lifting force 120 N

### Dimensions, weight & performance:

- 67 x 33 x 10 mm (L x W x H)
- Key neck length: 12.5 mm
- Weight: 28 g
- Average time of one opening: max. 200 ms

### Design / material

- Frame: stainless steel
- Housing: Plastic, anthracite

### Power supply

- Rechargeable LiPo battery
- Max. charge time 3 hrs
- Battery power (at 20° C):
  - Standby: up to 6 months
  - Operation: up to 5,000 openings per battery charge

### Service life

- Min. 400,000 openings

### Environment

- Ambient temperature: -25 °C to +70 °C
- Protection class IP68

### Certificates, mechatronic key

- EN 15684: 1 6 – 4 0 D 3 – in preparation
- EN 16864: 1 15 4 0 D 3 – in preparation

### Conformity

CE, UKCA, RoHS, REACH

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Any questions? We will be happy to assist you.