



The SALTO i-Locker electronic locker lock is designed to provide a high level of security protection for lockers and cabinets etc. It features a large twist operated locking turn for ease of use, and the access reader is built into the outside escutcheon. The locking mechanism, electronic components and battery pack are all located on the inside of the door, safe from potential manipulation or vandalism.

Furthermore, the Mifare RFID contact less ID technology offers no end of interesting possibilities as multiplication with others systems using the same card. Simple and intuitive use and the possibilities that the key can any shape make this system a good option for your special needs.

The i-Locker is perfect for controlling access to lockers, cupboards, cabinets, cabins, boxes, show cases, where access control and full audit trailing are required, eg where valuables such as medical drugs, electronic equipment, museum pieces, confidential documentation, are stored.

Access control features

- Maximum number of users per door: 64.000
- Maximum number of doors per system: 64.000
- Maximum events on lock audit: 1000
- Managed through SALTO software Pro Access or HAMS
- Timezones: 256
- Timeperiods: 30
- Calendars in system: 256
- Zones in system: 1024
- User groups: unlimited

Opening modes

- Fixed locker assignment where a specific ID carrier operates a specific lock.
- Free locker assignment where any ID carrier subsequently used to unlock a locker takes control.
- Family option - Allows for multiple ID Carriers to operate a single locker.
- Emergency opening through Portable Programming Device (PPD).

Mechanical features

- Plastic cover characteristics: Highly resistant to chemicals, UV radiation and physical impacts.
- Mechanical located on the inside and made of steel.
- Surface mounted lock.
- Sandwich construction with escutcheon on the outside and lock case on the inside.
- Inside cover Measures 146mm × 170mm × 33 mm.
- Outside Escutcheon measurements 50mm × 145mm × 11 mm without thumbturn.
- Weight: 910 grms.
- Deadbolt projection: 15mm or 22mm. Changeable on site. Thumbturn movement 90°.
- Outer thumbturn with red green indicator for availability of the locker: 40mm Ø; Electronically managed release.
- Inner thumbturn: 40mm Ø. Can be opened at any time (Model Lxx90)
- Cover colour: RAL 7016 Antracit

Electronic features

- Read & Write I-locker Lock.
- Wire free stand alone networked system though SVN technology.
- Power supply: 3 alkaline batteries LR03 AAA 1,5V. optional lithium batteries FR03
- Audit of 1.000 last events.
- Non volatile memory (is not deleted, even without power).
- Escutcheons are equipped with a low consumption real time clock function, which allows time zones access planning and the use of 30 different calendars.
- Electronic privacy option through a button on inside escutcheon (Model Lxx90).
- Dual colour and acoustic LED (green/red) to indicate lock authorisation. (Mifare).
- Acoustic LED to indicate lock authorization. (ibutton)
- Possibility to enable/disable the acoustic signal.
- Battery autonomy up to 30 000 openings.

ID technology

- 13.56MHz contact less RFID identification.
- ISO 14.443A, ISO 14.443B and ISO 15.693 (Vicinity), Mifare, DESfire Compatible.
- Near Field Communication (NFC) compatible.
- Key card available: 112bytes (i-code), 1Kbyte (Mifare) and 4Kbytes (Mifare).
- Key shape available: ISO 7810 Cards, fobs, bracelets, stickers, watches...
- Reusable key cards.
- SALTO Virtual Network (SVN) compatible.
- Read & Write technology, there's a contact less exchange of information between the card and the reader.
- High security, by using password and encrypted Proximity cards.
- Multiaplication with other systems using the same card through shared sectors.
- Customized issuing card through the SALTO Authorization Media software (SAM).
- Water proof cards which can be customized.



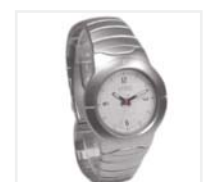
Contact less MIFARE
key cards



Contact less MIFARE
fobs



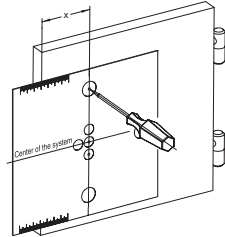
Contact less MIFARE
bracelets



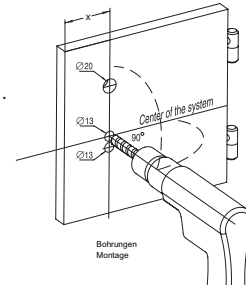
Contact less MIFARE
watches

Installation

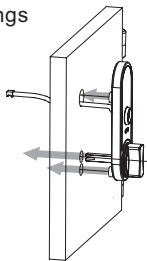
1- Mark the door with the SALTO template.



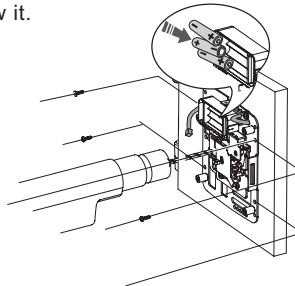
2- Drill the locker door as shown in the template.



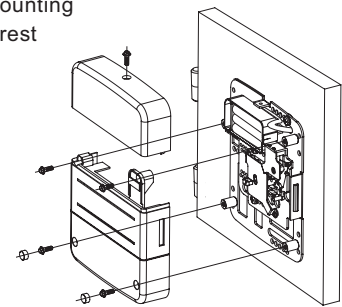
3- Pass the cables through the drillings



4- Install the inner mechanical part and screw it.



5- Finish the mounting assembling the rest of the locker.



More relevant features

- **Protection against manipulation and sabotage:** i-Locker is carried out in sandwich construction. The shield with the turning knob and reader is placed on the outside, the locking mechanic and the electronic components with the battery pack are placed on the protected inside of the door. Manipulation and sabotage is only possible by leaving traces.
- **High operator convenience:** The big turning knob is especially suited for elderly people or children. Even with wet hands (in baths) an easy use is guaranteed. The state of closure is indicated by a colour spot - "red" for locked or "green" for open, as well as by a melody. A refusal of a non-authorized ID-carrier is also accompanied by a sound.
- **Low cost upgrading:** The fastening screws on the inside are exactly adjusted to the dimensions of commercial locker locks and locks with coins. The outside shield may be mounted upright or horizontal without any necessity to change the position of the lock case. The distance from the shield to the rebate of the locker door is adjustable in 7,5 mm steps. Therefore it is possible to cover through holes of previous locks without further measures.

Certificates

IP Certification: level 46
RF Certification: RF60
EN Certification:
 EN 300330-1 V1.3.2 (2002-12)
 EN 301 489-1 (2002)
 EN 301 489-3 (2002)
 EN 55022 (1994), class B
 EN 55024 (1998)
 EN 61000-6-1 (2001)
 EN 61000-6-2 (2001)
 EN 61000-4-2 (1995)
 EN 61000-4-3 (1995)

Operating temperature

External escutcheon: -20°C / 70°C
Inner escutcheon: 0°C / 70°C
 -20°C / 70°C using lithium batteries (FR03 AAA).

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