

XLOCK 30

Locker and Furniture Lock

MiFare[®] Classic 13.56MHz
Mifare[®] Desfire 13.56MHz *
Fast closing and fast opening



* Mifare Desfire may need an external antennae placed within the door for a stronger signal

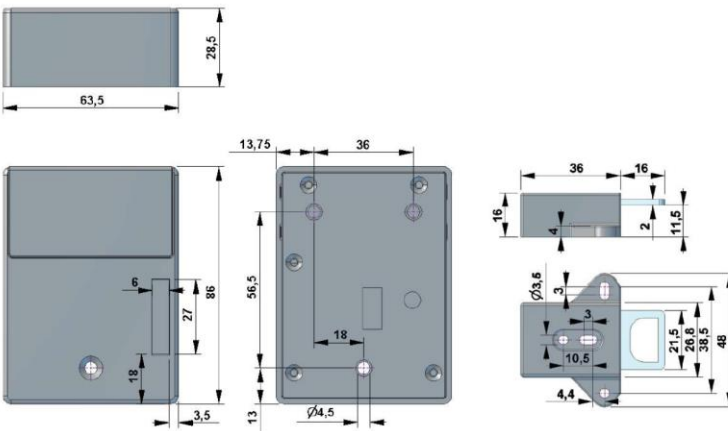
XLOCK30 - MiFlex

Application

- XLOCK30 is a wireless furniture lock for Lockers, cupboards and drawers. The lock is equipped with 2 x AA 1.5V batteries as standard. RFID contactless chip technology is used as the "key" to operate the lock. The system is "awakened" and opened by contactless identification via an authorized UID transponder.
- XLOCK30 utilizes a fast closing mechanism whereby the user swipes their card to open the lock and it automatically locks, enabling the user to close and lock the door without using their card.
- Freelocker – any user with a Mifare compatible RFID card can instantly operate an available locker without programming.
- Fixcode – program user card(s) per lock(s) using a Master Programming Card.

Compatibility

- Contactless and invisible identification with 13.56MHz frequency
- Compatible with Mifare Classic 1k and 4K (UID), and can be made compatible with Mifare Desfire, with the option of an external antenna mounted on the inside of the door
- 3 Programming Mastercards and 47 user cards per lock (fixed code application)



Technical specifications of the Locker lock

Mechanical specification	Weight per Set	Complete Set 200 Gramm
Electrical specifications	Equipment class as per Directive 1999/5/EC	Class 2
	HF radiation output	max. 66 dBµA/m at 10m
	Frequency band	13,56 MHz
	Battery type	2 x AA 1.5V
Ambient conditions	Operating temperature	+5°C bis +35°C (41°F to 95°F)
	Relative humidity operation	20% bis 75% (not condensing)

Details

- Lock unit 86mm x 63.5mm
- Battery life – 10,000 activations (opening & closing) = 3+ years life.
- Lock system automatically disengages when battery is critically low.
- Fixed code or Freelocker - change configurations instantly via a service card.

Inclusions

- Lock unit + bolt latch bracket
- 2 x AA Lithium batteries
- Fixing screws
- Location sticker
- 2 programming Mastercards (per system / project)

XLOCK 40 Locker Lock

MiFare ® Classic 13.56MHz

Mifare ® Desfire 13.56MHz *



* Mifare Desfire may need an external antennae placed within the door for a stronger signal

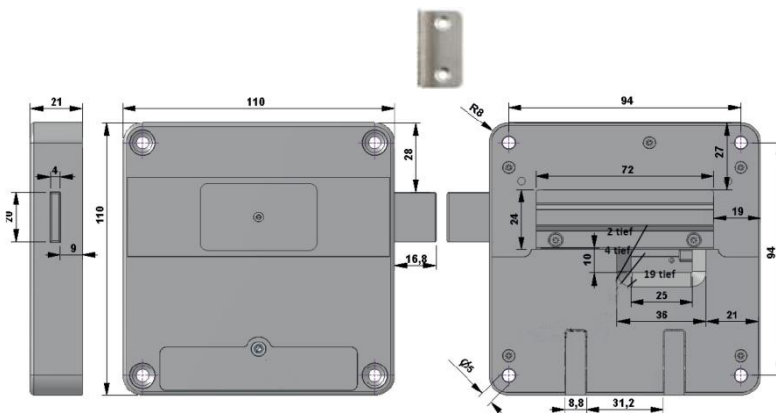
XLOCK40 - MiFlex

Application

- The XLOCK40 is a wireless furniture lock for Lockers. The lock is equipped with a 3V battery as standard. A second battery can be used (optional) to maximize service life. RFID contactless chip technology is used as the "key" to operate the lock. The system is "awakened" and opened by contactless identification via an authorized UID transponder.
- Freelocker (non allocated lockers)– any user with a Mifare compatible RFID card can instantly operate an available locker without programming.
- Fixcode (allocated permanent lockers)– program user card(s) per lock(s) using a Master Programming Card.
- OPTION: Can be set to unlock automatically after 24 hours.

Compatibility

- Contactless and invisible identification with 13.56MHz frequency
- Compatible with Mifare Classic 1k and 4K (UID)
- 3 Programming Mastercards and 47 user cards per lock (fixed code application)



Technical specifications of the Locker lock Freelocker

Mechanical specification	Weight per Set	Complete Set
Electrical specifications	Equipment class as per Directive 1999/5/EC	Class 2
	HF radiation output	max. 66 dBµA/m at 10m
	Frequency band	13.56 MHz
	Battery type	CR 123A 3V
Ambient conditions	Operating temperature	+5°C bis +35°C (41°F to 95°F)
	Relative humidity operation	20% bis 75% (not condensing)

Details

- Lock unit 110mm x 110mm
- Battery life – 15,000 activations (opening & closing) = 3+ years life.
- Lock system automatically disengages when battery is critically low.
- Fixed code or Freelocker – change configurations instantly via a service card.

Inclusions

- Lock unit + bolt bracket
- 1 x CR123A Lithium battery
- Fixing screws
- LED Light with cable (to notify user of availability)
- 1 MiFare Classic User Card
- 3 programming Mastercards (per system/ project)

XLOCK40 - MiFlex

Freelocker Mode

XLOCK40 MiFlex can be easily configured to work in a non allocated (Freelocker) Mode so users can simply choose any available locker using their swipe card.

An included LED light notifies the user of locker availability.

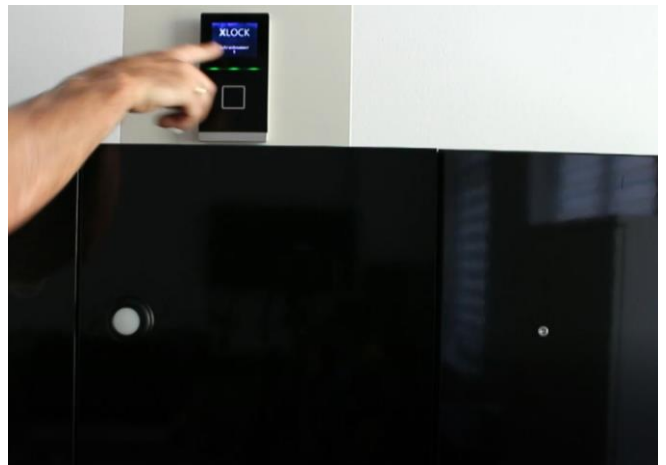
An optional card reader terminal can be supplied to enable a user to easily identify which locker number they had chosen.



LED light indicator

Optional card reader

Optional card reader in use



XLOCK 180 – BLE

Mifare Classic 13.56mHz
& Bluetooth Low Energy (BLE)



XLOCK180 – BLE + Mifare

Application

- XLOCK180 - BLE is a wireless furniture lock for Lockers, equipped with 1 x high capacity lithium 6V battery as standard. Mifare contactless chip technology is used as the "key" to operate the lock. The system is "awakened" and opened by contactless identification via an authorized UID transponder.
- XLOCK180 – BLE can also be operated via Bluetooth Low Energy (BLE) by using a free app available on iOS or Android Phones / Tablets.
- XLOCK180 utilizes a fast closing mechanism whereby the user swipes their card to open the lock and it automatically locks, enabling the user to close and lock the door without using their card.
- The triangular bolt design enables a unique feature known as "passage mode", meaning a user can set the lock to be unlocked for a period of time and automatically locked when required.
- A network Gateway can also be established via the Android / iOS app for remote unlocking via an internet connection.

Compatibility

- Contactless and invisible identification with 13.56Mhz frequency
- Compatible with Mifare Classic and Bluetooth Low Energy (BLE)
- WiFi, 4G/5G connection required for remote operation (Network Gateway sold separately)



Details

- Lock unit 86mm x 63.5mm
- Battery life – 15,000 – 20,000 activations (opening & closing) = 3-4 years life.

Inclusions

- Lock unit + Bolt bracket
- 1 x 6V Lithium Battery 2CR5
- Fixing screws

XLOCK180 – BLE + Mifare



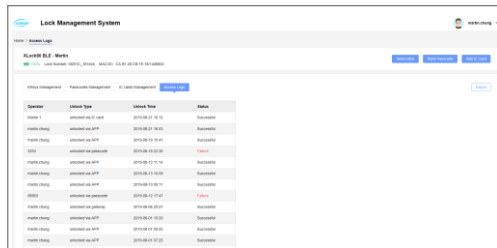
Operations using RFID Card

- XLOCK180 is compatible with MiFare Classic 13.56MHz
- **IMPORTANT NOTE:** XLOCK180-BLE is NOT AVAILABLE with the FreeLocker (non allocated locker) function mode. If free allocation of lockers is required, this is available with XLOCK30 MiFlex or XLOCK40 MiFlex models, using RFID access cards only.

Android / iOS App



Web Desktop Interface



Network Gateway Terminal



Operations using Phone / Tablet App (iOS or Android)

- Connects via Bluetooth Low Energy when a phone is within 10m of a locker.
- Connects via a Network Gateway terminal(s) (Wifi/4G required) when a phone is beyond 10m of a locker. Terminal sold separately.



Phone / Tablet App Menu Functions

- **Send eKey** – send a user with the Phone App electronic access.
- **IC Cards** – allocated RFID cards to users via the Phone App.
- **Records** – Access and export user access data

