E2400
Networked Electronic Lock
i-Button RW

Smart, secure and innovative, XS4 Comfort Electronic handle sets need no hard wiring and provide a totally wire free networked electronic locking solution with a great range of features.

The XS4-40 narrow versions are specially designed to fit on most Euro profile doors, and work with the majority of European mortice locks and cylinders bringing all the benefits of a networked system through the SALTO Virtual Net (SVN).

Furthermore the i-Button technology is a robust and ergonomic technology due to the design of the fob and the lock.

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

- Standard (locked at all times)
- Office (free passage ability)
- Timed Office (free pasage with automatic locking)
- Automatic opening (8 pairs of "hands free" timed lock and unlocks per day with holidays)

- Automatic Opening + Office
- Toggle (present card to lock, present card to unlock)
- Timed toggle (automatic locking at end time)

Mechanical features

- Dimensions: 282mm x 40mm x 20mm.
- Weight: 1.5 kg.
- Handle rotation: 33º
- Spindle compatibility: 7mm, 8mm or 9mm.
- Door thickness compatibility: 30mm to 115mm.
- Distance from the handle to the cylinder: 47mm to 110mm (inside) 70mm to 110 (outside).
- Handle clutch mechanism.
- Inside always allows free egress (anti panic in combination with lock).

- Concealed fixing screws for greater security and improved aesthetics.
- Body and escutcheon made of steel.
- Handle fixed by Steady Fix system (patented).
- Handles compatibility: 16mm Ø, 18mm Ø.
- High security through advanced hardened high resistance anti-drill plates to protect wires and reader area and additional extreme protection through hardened plates and floating steel balls in the handle area.

Mortise lock compatibility:
DIN Locks
European Locks
Metal millwork

Cylinders compatibility:
European cylinders
Swiss cylinders
Some tubular latches

Squared spindles compatibility:
7mm, 8mm & 9mm.

Electronic features

- Wire free stand alone networked system through SVN technology.
- Locks are connected to the system through the Salto Virtual Network improving the security and efficiency of the system.
- Non volatile memory (is not deleted, even without power).
- Electronic privacy option through thumb turn or button on inside escutcheon. This blocks all the carriers from operating the lock, except management master fobs which will always override this privacy mode to gain entry in cases of emergency.
- Escutcheons are equipped with a low consumption real time clock function, which allows time zones access planning and the use of 30 different calendars.
- Dual colour LED (green/red) to indicate lock authorisation.
- Special blink indication when lock is in privacy mode.
- Possibility to enable/disable the acoustic signal.
- Power supply: 3 alkaline batteries LR03 AAA 1,5V. optional lithium batteries FR03
- Battery autonomy up to 60 000 openings

ID technology

- Access given through contact by electronic i-Button.
- Simple and intuitive use due to the smart design of the i-Button and the electronic lock reader.
- Extremely resistant system suitable for all kinds of environments.
- 512bytes or 2Kbytes i-Button fobs or bracelets available.
- Reusable keys
- SALTO Virtual Network (SVN) compatible.
- High security, by using password and encrypted i-Button fobs.
- I-Buttons can be customized by numeration.
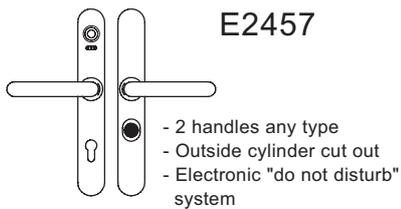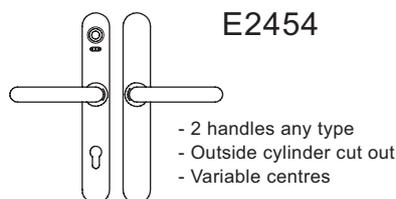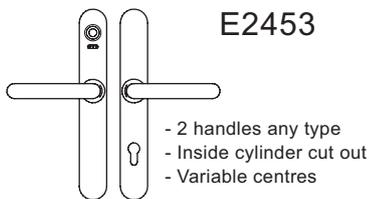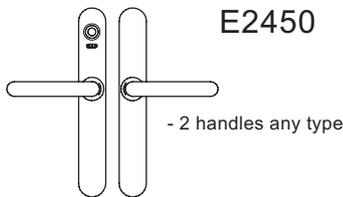- I-Buttons are water proof.

Electronic Fobs
i-Button

Electronic Bracelets
i-Button

Model range

E2450
- 2 handles any type

E2451
- 2 handles any type
- Inside thumbturn
- Variable centres

E2452
- 2 handles any type
- Inside/Outside cylinder cut out
- Variable centres

E2453
- 2 handles any type
- Inside cylinder cut out
- Variable centres

E2454
- 2 handles any type
- Outside cylinder cut out
- Variable centres

E2456
- 2 handles any type
- Electronic "do not disturb" system

E2457
- 2 handles any type
- Outside cylinder cut out
- Electronic "do not disturb" system

E2460
- 2 handles any type
- Built-in mechanical cylinder with audit

E2461
- 2 handles any type
- Built-in mechanical cylinder with audit.
- Inside thumbturn

E2466
- 2 handles any type
- Built-in mechanical cylinder with audit.
- Electronic "do not disturb" system

Outside handle: Free floating system, which connects the handle when access is granted.
Inner handle: Inside always allows opening (anti panic function in combination with lock).
Inner thumbturn: For direct drive of the latch or deadbolt.
Inside/Outside cylinder cut out: For mechanical cylinder (cylinder not included).
Electronic "do not disturb" system: Blocks access when someone is in the room.
Built-in mechanical cylinder with audit: allows mechanical opening of the lock and creates an audit of the mechanical opening.

Handles

model U	model S	model W	model H	model C
model P	model B	model O	model L	model A

Finishes

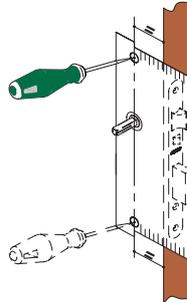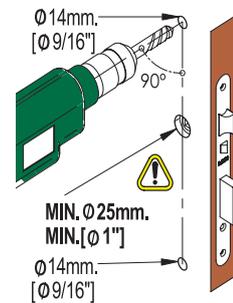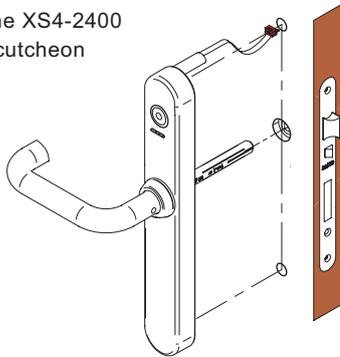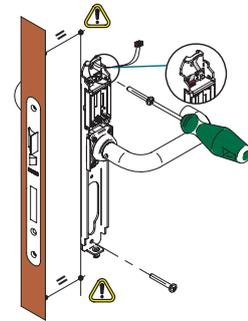| Satin stainless steel	Polished stainless steel	Polished brass PVD	Satin brass PVD	Antique brass	Black	White	Coloured

Installation

1- Mark the door with the SALTO template

2- Drill two 14mm holes as shown.

Ø14mm. [Ø9/16"]

90º

MIN. Ø25mm.
MIN. [Ø 1"]

Ø14mm. [Ø9/16"]

3- Install the XS4-2400 external escutcheon

4- Install the XS4-2400 inner escutcheon and connect both escutcheons.

Use

Just by touching the i-Button on the reader, the electronic handle turn will grant or deny the access to the door giving an acoustic and visual signal and in addition:

- Will record the event on the user fob
- Will record the battery status if low on the user fob.
- Will update the cancelled users black list (SVN) on the lock.

Certificates

IP Certificatation: Level 46
EN Certification: EN 55022 (1994) class B
EN 50082 (1997)
RF Certification: RF60 - EN1634-1: 1000

Operating temperatures

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

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