USER MANUAL

XS4 CODE LOCKER

The XS4 Code Locker provides a convenient security solution for many different lockers, cabinets, boxes etc. Achieve simple access through the keypad, without the need for a network connection. Codes can be assigned and can be active for a specified time period. It is easy to install and can be programmed via your mobile phone.

The battery pack, electronic components and the locking mechanism are all located on the inside off the door to prevent vandalism and sabotage.

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XS4 CODE LOCKER LK50

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CONTENT

1. INSTALLATION

For instructions on the installation, please check the installation guide.

2. ACCESS

The keypad can grant access to open the locker in 3 different ways:

2.1. Fixed User PIN Codes

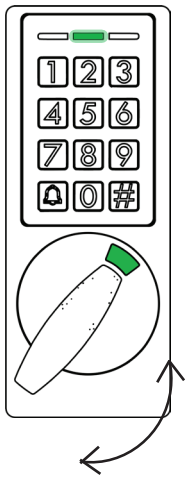
User PIN's are allocated in the internal device memory. The XS4 Code Locker can retain up to 200 fixed codes from 4 to 8 digits long. Each individual user has their own PIN code to operate the locker. This permits also to share one locker between different users.

1234 is a default fixed PIN code configured at position 1 under fabrication and can be used to test the device. Check 'Fixed User PIN Codes Management' section on page 6 to manage the fixed PIN's.

Opening and Closing

Example: 1 2 3 4 #

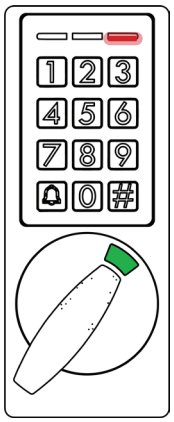
Upon entering a valid user PIN code, confirmation beep will sound and the green LED will blink one time. The locker is ready to be opened or closed.
Turn the knob to the left or the right.



Wrong Code

Example: 0 0 0 0 #

In case of wrong code inserted, a rejection beep will sound and the Red LED will blink one time.



Please Note: When the lock is in **silent mode** there is no acoustic signal. Check 'Configuration' section of the manual.

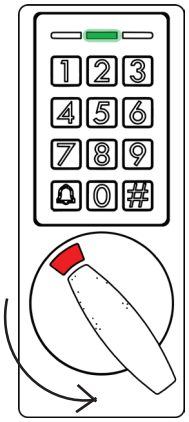
2.2. Free Assignment PIN Codes

Free assignment PIN code mode allows users to use any available locker just by using any PIN code to capture the locker and use the same PIN code to open and release the locker. Open and close by any 4 to 8 digits code. The code is erased every time the lock is opened, making it available for a new user. Free Locker Mode must be enabled to use this function, check ‘Configuration’ on page 11 section of this manual. Timed PIN codes are disabled when Free Locker Mode is enabled.

CLOSE

Example: 1 0 1 0 #

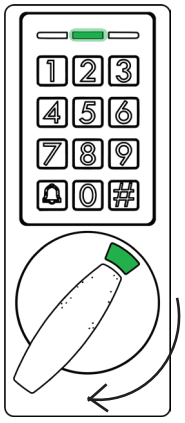
When the lock is open, upon insert a custom PIN code, confirmation beep will sound and the Green LED will light up. The locker is ready to be closed. Turn the knob to the left.



OPEN

Example: 1 0 1 0 #

Upon insert the same PIN used to close the locker, confirmation will sound and the Green LED will light up. The locker is ready to be open. Turn the knob to the right.



2.3. Timed PIN Codes

Open and close the lock with a 6 to 8 digits autogenerated timed code. When generating the code, you will define the period of time in which the code will be active.
NOTE: Timed PIN codes can only be enabled when Free Locker Mode is not active.

There are 2 different types of timed PIN codes that can be generated with a high security algorithm (8 digits) or a standardised security algorithm (6 or 7 digits). These are:

1. Period PIN code
Grants access for a determined priode of time in days. The period can be from 1 to 28 days. Period 0 grants access to the remaining hours at the current day up to 23:59.

2. Hour PIN code
Generated to grant access for 1, 2, 3 or 4 hours from the user defined start time.

2.3.1 Configuring Timed PIN Codes

If you want to configure the XS4 Code Locker manually, you will need to configurate both the time, date and seed code to activate the timed PIN codes function. Please see the “Time and Date configuration” and “Seed Code” sections on page 12 of this manual.

All required configurations are automatically performed if the device is configured with the Web-Application instead of configured manually.

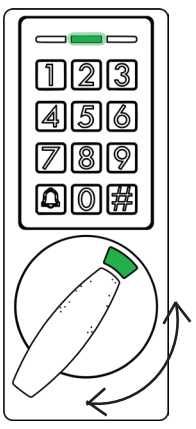
Timed PIN codes can be configured and generated on the Web Application and be shared via mail or SMS. Check the Web Application manual for more details about timed PIN code generation.

OPEN and CLOSE

Example:

1	1	1	1	0	0	0	0	#

Upon inserting a valid PIN code, a confirmation beep will sound and the green LED will light up.
The locker is ready to be open or closed.
Turn the knob to the left or the right.



3. FIXED USER PIN CODES MANAGEMENT

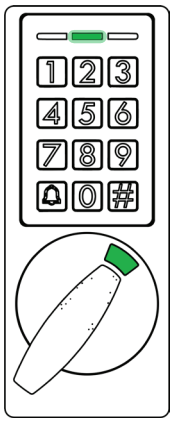
User codes can be changed, added, and deleted. Each user code is stored in a specific addressed internal memory position (from 1 to 200). Each user code position must be kept track of. Keep a record of the position number and the user name in the Web Application or another registering tool. To add or delete user codes it is necessary to access the User Configuration Menu:

User Configuration Menu

Insert the User Configuration Code
(4711 is factory default)

Enter: 4 7 1 1 #

A confirmation beep will sound and the green LED will flash.
The keypad is ready to add or delete fixed user PIN's.



Exampel of user tracking:

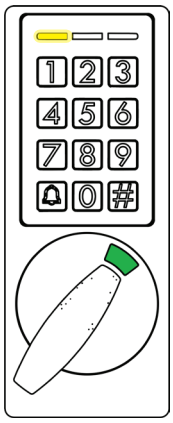
	Position	User	PIN
	1	Carlos	148954
	67	Torbjörn	94830132
Example:	179	Juan	1111

The next sections uses Juan as example to add and delete fixed PIN codes on the device.

3.1 Add fixed PIN codes

Insert 1 to start adding users.

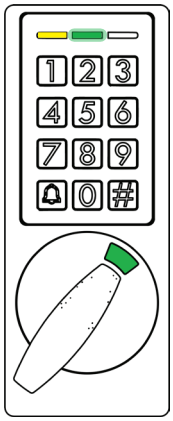
Enter: 1 #



A confirmation beep will sound and the yellow LED will flash.

To add users, first insert a position to place the new PIN code (between 1 and 200).

Example: 1 7 9 #



If a valid position is inserted, the Yellow LED will light solid, and the green LED will blink until the fixed user PIN code is entered. The fixed user PIN must be a number between 4 to 8 digits.

Example: 1 1 1 1 #

All positions can be overwritten, so be aware to keep a register of all the configured PIN codes and their positions.

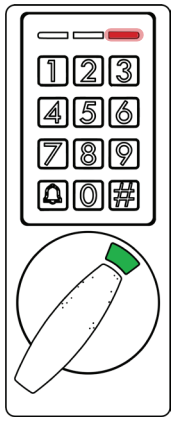
3.2 Delete user codes

To delete a single or more fixed PIN code, it is not necessary to know the specific code, however the postion of the code must be known.

Deleting PIN codes

Insert 2 to start deleting fixed PIN codes from the device.

Enter: 2 #



A confirmation beep will sound and the red LED will flash.

Insert the position of the PIN that you want to delete (a number between 1 and 200).

Example: 1 7 9 #

If a valid position is inserted a confirmation beep will sound.

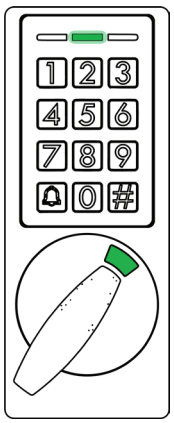
4. CONFIGURATION

The service configuration code is used to authenticate and access the configuration menu, which is needed to configure the Code Locker.

Service Configuration Menu

Insert the Service Configuration Code
(12347890 is factory default)

Enter: 1 2 3 4 7 8 9 0 #

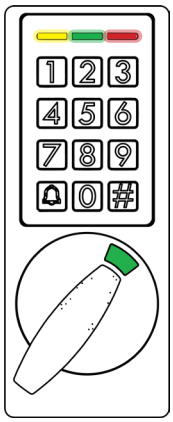


A confirmation beep will sound and the green LED will flash.
The keypad is now ready to be configured.

Once in Service Configuration Menu, the following actions can be performed:

4.1 Factory Reset

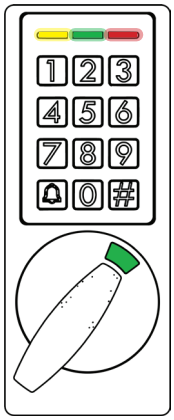
Enter: 0 2 5 0 #



A confirmation beep will sound and all LED's will blink one time.
The keypad is automatically restarted after a factory reset, and all LED's will blink once again at startup.

4.2 Clear All Users

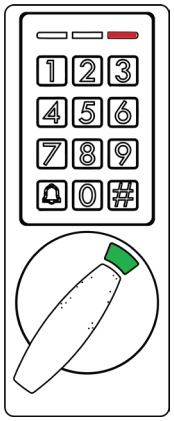
Enter: 2 5 0 0 #



A confirmation beep will sound and all LED's will blink one time.
All the stored PIN codes are now deleted.

4.3 Change User Configuration Code

Enter: 1 #



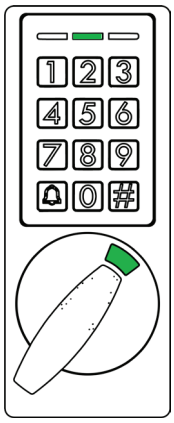
A confirmation beep will sound and the red LED will light. The keypad is ready to receive a new User Configuration Code. Insert a code that is between 4 to 8 digits.

Example: 4 3 2 1 #

A confirmation beep will sound and the green LED will flash. The User Configuration Code has been changed.

4.4 Change Service Configuration Code

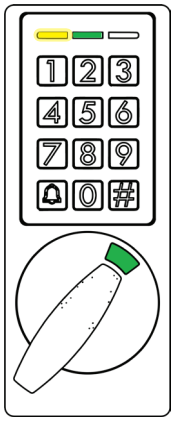
Enter: 2 #



A confirmation beep will sound and the green LED will turn ON. The keypad is ready to receive a new Service Configuration Code. Insert a code that is between 4 to 8 digits.

Example:

1 2 3 4 7 8 9 0 #



A confirmation beep will sound and the yellow LED will flash until the new Service Configuration Code is inserted again to confirm the action. Insert the code again.

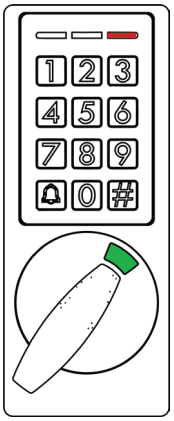
Example:

1 2 3 4 7 8 9 0 #

A confirmation beep will sound and the green LED will flash. The Service Configuration Code has been changed.

4.5 Special functions

Enter: 4 #



A confirmation beep will sound and the yellow LED will light.

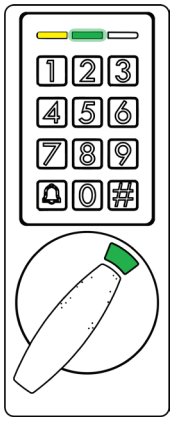
The keypad is ready to ENABLE/DISABLE the following special configurations. Enter the number of the respective option to toggle the Special Function's state.

1 **Silent mode**, audio advices can be enabled or disabled.

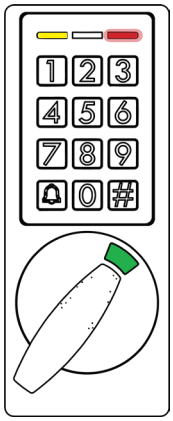
2 **High Security**, encryption to all auto-generated timed PIN codes. With high security encryption all timed PIN's will have 8 digits. Without high security encryption timed PIN's can be between 6 to 7 digits.

3 **Free Assignment Function**, open and close by any 4 to 8 digits code. The code is erased every time the lock is opened, making it available for a new user.

ON



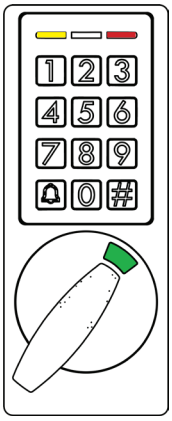
OFF



A confirmation beep will sound and the green LED will flash. The Locker has been configured.

4.6 Time and Date configuration

Enter: 5 #



A confirmation beep will sound, yellow and red LED's will turn ON. The keypad is now ready to receive the date and time configurations. For every configuration a LED visual confirmation will be shown.

Please note when entering the time that the XS4 Code locker runs by a 24 hour clock.

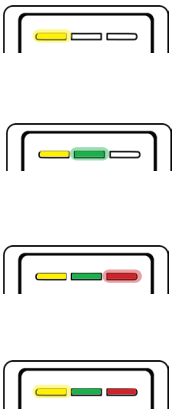
1. Insert the year (e.g.: 2022) — 2 2 #

2. Insert the month (e.g.: November) — 1 1 #

3. Insert the day (e.g.: 15th.) — 1 5 #

4. Insert the hours (e.g.: 17) — 1 7 #

5. Insert the minutes (e.g.: 20) — 2 0 #



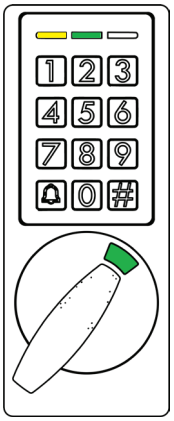
A confirmation beep will sound and the green LED will flash. The time and date has been configured.

4.7 Seed Code

Thee Seed Code is an 8 digit random number needed to generate online Timed PIN Codes. If manually inserted, you have to keep track of the code and use it to generate valid Timed PIN Codes online.

Only Low security codes can be generated with a custom user Seed Code. To generate HIGH Security codes and simplify the Timed Code generation, please use the WebApp to configure the device.

Enter: 6 #



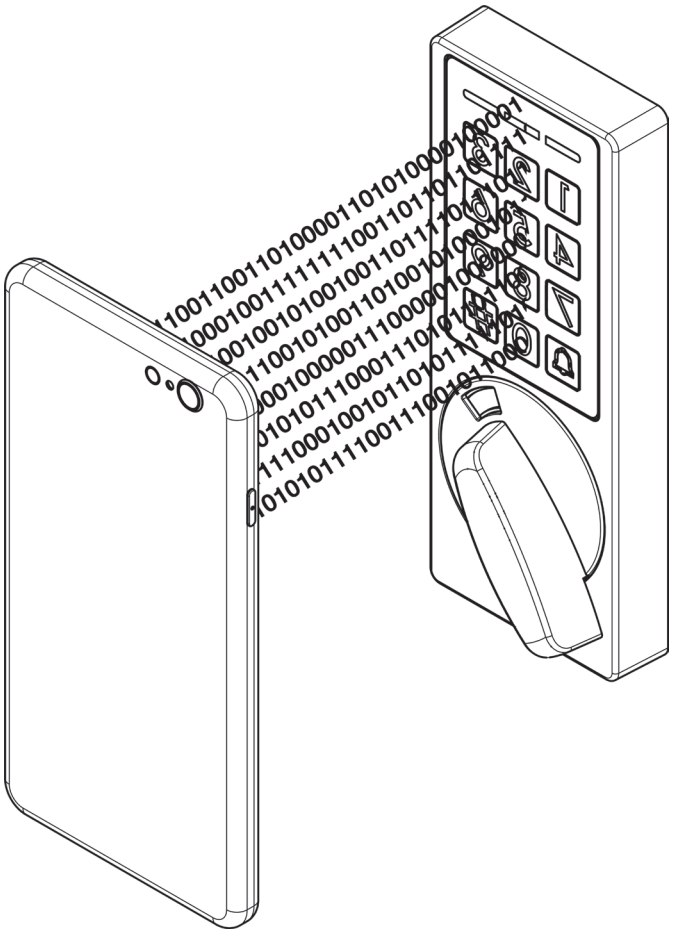
A confirmation beep will sound and the green and yellow LED's will light. The keypad is now ready to receive a new Seed Code to generate timed PIN codes. Insert an 8 digit code.

Example:

4 3 2 1 1 2 3 4 #

A confirmation beep will sound and the green LED will flash.
The Seed Code has now been changed.

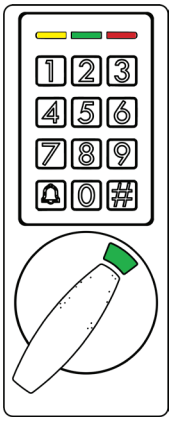
4.8 Enable Web App Configuration



VLC (Visual light communication) is the optical data transmission technology that is used to configure the device for use. It transmits device configuration data and access credentials using your mobile phone or tablet's screen.
Whith this WebApp you can add devices, users and configurations to your XS4 Code Locker.
Find our WebApp at:

https://codelocker.app

Enter: 7 #



A confirmation beep will sound and all the LED's will light.

#

After the second #, the green LED goes OFF. The keypad is now ready to receive a VLC configuration from the phone screen.

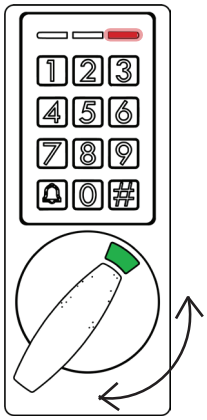
Ensure phone screen is on maximum brightness.
Hold your phone close to the device LED's to transmit the configurations.
Please see the Configuration WebApp Manual for more details about the VLC configuration.

5. BATTERY MONITORING

The device keeps the battery power level monitored all the time. Two levels or warnings are performed:

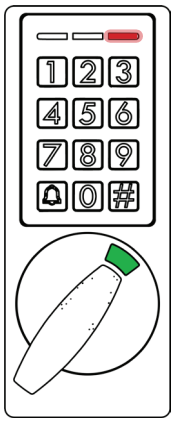
Low Battery

Three long beeps will sound after entering a valid code, and the red LED lights. The XS4 Code Locker will still be able to open after the warning signal has been performed.



Very Low Battery

Three long beeps will sound after entering a valid code, and the red LED lights. The lock cannot be used anymore until the batteries are replaced.



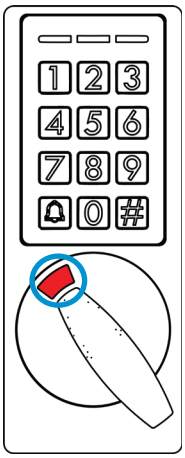
5.1. Battery Replacement

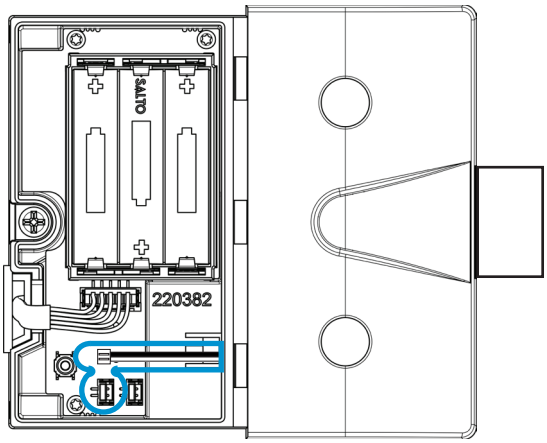
For instructions on battery replacement, please see the Installation Manual. The configured time on the keypad is kept up to 42 hours without the batteries. This means that the time is not necessary to configure after a battery change is performed.

6. HARDWARE FACTORY RESET

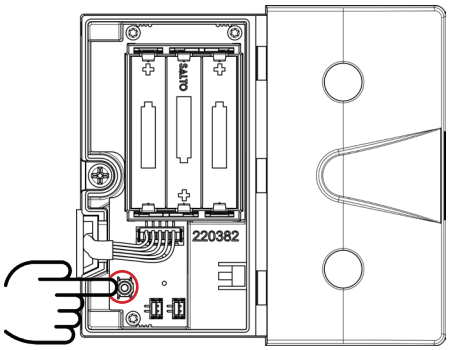
Check the Installation Manual to open the battery holder on the XS4 Code Locker. To reset the hardware to factory default, please follow the below steps:

1. Ensure the locker is closed or the 'White and Black' pair of cables next to the button are disconected.

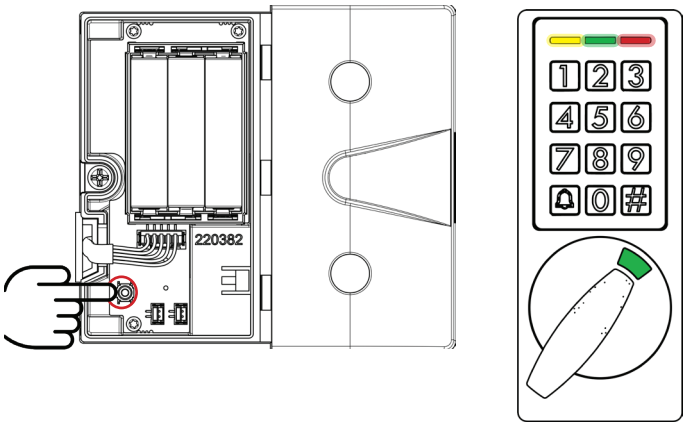




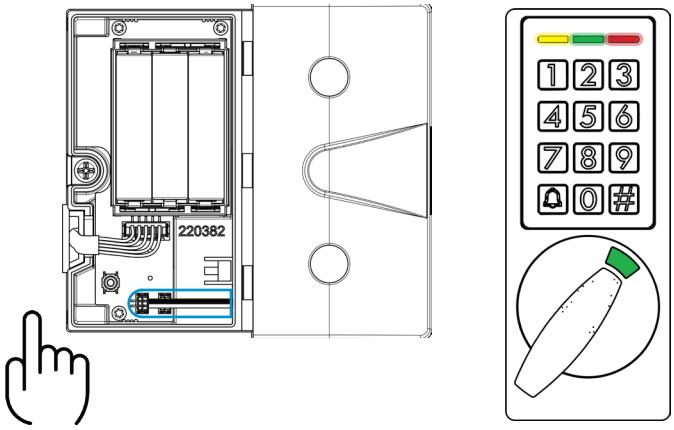
2. Remove one or all the batteries in the battery holder. Push the button above the battery holder and hold it.



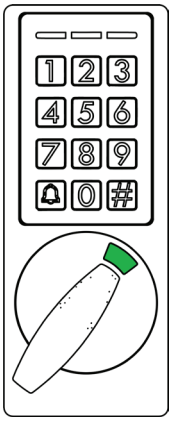
3. Insert the batteries again. Wait until a confirmation beep sounds and all LED's blink once.



4. Release the button. The keypad will restart. A startup beep sounds and all the LED's blink once. Connect the 'White and Black' pair of cables next to the button if disconnected.



5. All LED's turns OFF. The XS4 Code Locker is now restored to factory default and is ready to use.



7. TECHNICAL SPECIFICATIONS

Outside cover measures:	55,4 x 138,8 x 29,2 mm.
Inside cover measures:	100 x 110,5 x 25 mm.
Deadbolt projection:	15 mm.
Power source:	3 alkaline batteries (LR03 AAA 1,5V). Optional 3 Lithium batteries (FR03 - AAA 1,5V).
Number of openings:	Up to 2 years (depending on usage).
Environmental conditions:	Temperature: -20°C to +60°C (OBS. temperature down to -20°C only applies when using Lithium batteries. Humidity: 0 to 95%.
Certifications:	CE.
Color:	Anthracite.
WebApp:	https://codelocker.app