mini**K 10**
electronic cabinet lock

● cabinets ● boxes ● drawers

OPERATING MANUAL

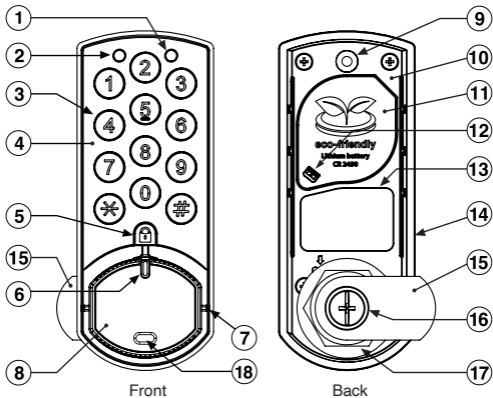**!**

Please read this
manual before
using the **miniK10**

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DESCRIPTION:

miniK10 electronic cabinet lock with master/manager code, personal use functionality, and up to 10 years battery life. miniK10 can be installed for both right and left hand installations - anywhere that needs flexibility of master/ manager codes. The eco-friendly miniK10 offers both convenience of far lessfrequent battery changes and a more environmentally friendly solution.

PASSWORD TYPES:

The miniK10 has three potential password levels -
1. User password
2. Service password (must activate in Program 5.1)
3. Master password

The user and master passwords should be changed prior to installation and tested. Write down new passwords and keep in a safe place. It is not possible to open lock if you forget your password.

OPERATING MODES:

The miniK10 can operate in two different modes:
1. Personal Mode - Fixed password. The user will open lock each time with the same own password.
2. Locker Mode (factory default) - user enters in their code when lock is in unlocked position and rotates handle to lock. Upon returning uses same code to open. Next user can repeat the process with their own unique password.

LOCKER MODE (MULTIPLE USER MODE)

In locker mode, opening and closing with a password process is same as Personal User. However, each time lock is in open position, each user enters in their own unique 4-digit code to lock and then use that the same code to again open the miniK10. Popular application is for gym lockers.

1 **2**

NEW USER PASSWORD

Lock is open, first user enters in <3-4-2-8> and closes lock. They return and enter the same <3-4-2-8> to open the lock. Lock is open, next user enters in their code of <7-8-5-2>, closes lock and so on.

⚠ ATTENTION:

By default, the miniK10 is set to Locker Mode. The miniK10 can easily be set to Personal Mode with either of the two below steps:

1. Before battery tab is removed, hold down **0** key, pull the tab and key the **0** key pressed 3 seconds

2. Convert lock to Personal Mode at any time by entering in ✴ MasterCode ✴ 1 0

PERSONAL MODE
· OPENING WITH USER PASSWORD:

1) Enter your 4-digit user password. On first use factory default is <1-0-1-0>
2) Rotate handle within 5 seconds to opening direction and there will be a confirmation beep.

⚠ *Below illustrations show examples of lock installed for right handed door. Lock can be installed for left or right handed*

USER PASSWORD

· CHANGING USER PASSWORD:

If personal mode is selected, press ✴ and old password. Press ✴ button again and enter new 4-digit user password. Press ✴ button again and approve new password. You will get a confirmation beep and green LED light will blink.

OLD USER   NEW USER

📋 NOTE: WHAT HAPPENS IF USER FORGETS THEIR PASSWORD?

Locker Mode (Multiple User):

Use Master code to unlock and turn handle to open position. Lock is now ready for next user to enter in their unique code.

Personal User Mode:

1) Use master code to reset the lock to factory defaults.
✴ MasterCode ✴ 4 0

2) Default user code is now < 1-0-1-0 > and can be changed.

SERVICE PASSWORD: By default, service password is not active. Activate with Program 5.1. Service password allows lock to be opened only and none of lock features can be programmed.

· OPENING WITH SERVICE PASSWORD: Default <1-0-1-0-1>

If service password function is active, 1) press ✱ button and enter current 5-digit service password and press ⬢ button. 2) Rotate handle within 5 second to opening direction. You will get a confirmation beep from lock and green LED light will blink.

1 ✱ ⓧⓧⓧⓧⓧ ⬢

SERVICE PASSWORD

2

· CHANGING SERVICE PASSWORD:

When you have selected service password in program menu, press ✱ button twice and enter current 5-digit service password. Press ✱ button again and enter new 5-digit service password. Press ✱ button again and approve new password. You will get a confirmation beep from lock and green LED lights will blink.

✱✱ ⓧⓧⓧⓧⓧ ✱ ⓧⓧⓧⓧⓧ ✱

OLD SERVICE　　　**NEW SERVICE**

· MASTER PASSWORD: Opens lock and grants access to all programming features.

OPENING WITH MASTER PASSWORD: Default <1-0-1-0-1-0>

1) Press the ⬢ button and enter current 6-digit master password and press ⬢ button. 2) Rotate handle within 5 seconds to opening direction. You will get a confirmation beep from lock and green LED light will blink.

1 ⬢ ⓧⓧⓧⓧⓧⓧ ⬢

MASTER PASSWORD

2
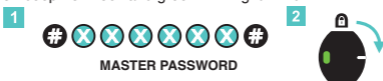
· CHANGING MASTER PASSWORD: Set new master password and test BEFORE installing lock. Press ⬢ button twice, and then enter old 6-digit master password. Press ⬢ button again and enter new 6-digit master password. Press ⬢ button again and approve new password. You will get a confirmation beep from lock.

⬢⬢ ⓧⓧⓧⓧⓧⓧ ⬢ ⓧⓧⓧⓧⓧⓧ ⬢

OLD PASSWORD　　　**NEW MASTER**

PROGRAMMING THE miniK10

The miniK10 can be customized from factory default settings tailored to your needs.

ACCESSING THE PROGRAM MENU:

Press the ⚫ button and then enter the 6-digit master password. Press the ✱ button. The Red and Green led's will blink alternately. Press the program and selection numbers repeatedly.

⚫ ✕ ✕ ✕ ✕ ✕ ✕ ✱   ⑥ ⓪   📋 **NOTE:** On the left, closing mode is set to close with the password.

PROG. NO   SELECT. NO   **MASTER PASSWORD**   PROG. NO   SELECT. NO

PROG. NO	SELECT. NO	
0	**1**	**Explanation:** 0-1 Restores factory default settings: **Prog. No 1-1:** Locker mode operation (Multiple user operation) **Prog. No 2-1:** Audible beeps and confirmations **Prog. No 3-0:** Penalty operation is not active **Prog. No 4-0:** Sets user password to factory default **Prog. No 5-0:** Service password is not active **Prog. No 6-1:** Closing without password active **Prog. No 7-0:** Warning of open lock is not active **Prog. No 8-0:** Resetting user password is not active **Prog. No 9-0:** Blocking of the lock is not active
1	**0**	Personal Operation (individual operation)
	1	Locker Mode Operation (multiple user)
2	**0**	Mute operation except for warnings
	1	Audible operation- button feedback, warnings and confirmations
3	**0**	Penalty passive
	1	Penalty active (lock blocked for 5 min. if wrong code entered 3 times)
4	**0**	User password is restored to default. (for forgotten combinations)
5	**0**	Service password is passive
	1	Service password is active
6	**0**	Closing with password required is active
	1	Closing without password is active (for personal usage)
7	**0**	Warning of lock open is passive
	1	Warning of lock open is active (beeps 8 times every 5 sec.)
8	**0**	Resetting user password is passive (if service password is active)
	1	Resetting user password is active (if service password is active)
9	**0**	Blocking of the lock is passive (if service password is active)
	1	Blocking of the lock is active after using service password (if it is active)

PROGRAMMING OPTION DEFINITIONS:

0	**Restoring factory settings:** All factory default settings are restored (see program menu). User password becomes <1-0-1-0> and master password becomes <1-0-1-0-0>.
1	**Usage options:** Factory default is Personal mode allows one 4-digit code to be entered that would remain the same code for one user. Locker mode is for multiple users whereby each user walks up to an open miniK10 and enters in their own unique code to close the lock and then to open it again. When open, next user enters in a new code, etc.
2	**Audible volume control:** All audio warnings can be turned off if mute operation is selected (except warning beeps).
3	**Penalty operation:** Prevents tampering of lock by unauthorized people. Lock is blocked for 5 min if wrong password is entered three times consecutively. Factory default is that this feature is not active.
4	**User code reset:** Sets user factory default to <1-0-1-0>.
5	**Service password:** Lock can be opened with service password if user password is forgotten. Factory service default password is <1-0-1-0-1>. No programming features can be accessed with service password. Factory default is that this feature is not active.
6	**Closing modes:** Factory default - miniK10 does not require a password to lock. The other option is it can require a password to lock.
7	**Lock open warning:** After lock is open for one minute, lock gives an audible warning to user with 8 beeps every 5 sec to notify user that the lock has been left open.
8	**Resetting user password:** If the lock is opened with service password (and service password is active), user password can be reset. (see program #5 on service passwords). Factory default is that the service password access does not allow the user password to be reset (only opens up the lock).
9	**Blocking the lock:** If lock opened with service password, it can be blocked from further user password access.This would. insure service password is only used to access locks for emergency lockouts. Master password access would then be required to set up user password again (0-1 Factory default reset). Factory default is that this feature is passive.

GENERAL WARNINGS:

⚠️
- Read manual before using lock.
- Periodically check nuts and screws to be tightened.
- Do not over-tighten nuts or screws. Do not use an electric screw gun during installation unless equipped with a torque adjuster. The maximum torque on the cylinder screw is 2Nm.
- Set and test user and master password prior to installing the lock
- Change all default passwords with your own passwords.
- Common sense, but we must say it... Do not keep the passwords in the cabinet where the lock is being installed!
- It is not possible to open lock if installed and you forget the user and master password.
- Lock gives a warning beep when incorrect passwords have been entered in repeatedly.
- Not possible for front side of lock to be opened by breaking or trying to force open lock.
- Use CR2450 3.0V Lithium batteries.
- The lock battery can be replaced with a CR 2450 battery with a min.600mA capacity.
- It should not be preferred that the production date of the new battery to be installed is more than 1 year.
- Remember that battery consumption is high when programs 2, 3, and 7 are active.

CAM:
- Cam is included
- Cam can be placed at increments of 90 degrees
- The Stop Cam (#3) in installation instructions can be positioned for turning the cam clockwise or counter-clockwise

Cam Placement

7/8" Straight Cam 38mm
(It is recommended)

LIGHT AND AUDIO NOTIFICATION:

Password is accepted	Green LED blinks with 2 repeated audio warnings.
Wrong password	Red LED blinks with 4 repeated audio warnings.
Lock is open	1 min after lock is opened, lock gives audible warning 8 times every 5 sec.

TECHNICAL SPECIFICATIONS:

Dimension (WxHxD)	34 x 85 x 27 mm
Weight	70,4 g (2.48 oz) (excluding cam and mounting)
Key Pad	Silicone Keypad with metal dome
Operating Temperature (*)	+10 / +50 °C (50 - 122 °F)
Storage Temperature	+0 / +30 °C (32 - 86 °F)
Relative Humidity	20% - 80% Rh (non-condensing)
Replaceable Battery	3V Lithium CR2450
Battery Life (**)	Up to 10 years with daily 10 opening

⚠️ **ATTENTION:** (*) Exceed the operating temperature range could lead to battery operating voltage reduction or even a security risk.

⚠️ **ATTENTION:** (**) Battery life may vary in accordance with battery brand, programming parameters and environmental conditions of the product is used.

⚠️ **ATTENTION:** Remember to write down your passwords after programming and prior to installing lock.It is not possible to open lock if it is in installed and you forget your passwords.

⚠️ **ATTENTION:** miniK10 is made for only interior usage.

BATTERY REPLACEMENT:

The lock operates using a 3V lithium coin cell CR2450 battery located on back side of device. Remove the battery cover on the back of the lock and replace it with new battery. Battery life is up to 10 years.

TO BE CONSIDERED AFTER BATTERY REPLACEMENT:

- As soon as the batteries are replaced, they should be packaged in a way to prevent short circuit and sent to battery collection centres. Batteries should not be disposed of in the garbage or in nature.
- Waste batteries should not be exposed to moisture, liquids (including water) and heat.
- To prevent risks that may arise from collected waste batteries, they should be temporarily stored in insulated containers or cabinets.

BATTERY FAILURE OVERRIDE: (If the lock installed on to locker)

- Remove the caps from the holes of Red and Green leds, leds insert the pins of the miniK10 Power Adapter into these holes and press.
- When the lock wakes up, enter your password and unlock it.

WHEN USING THE LOCK:

- The battery CR2450 is NOT rechargeable and should NOT be tentatively charged.
- Do not wash the lock.
- Do not allow water to get inside the lock.

WHEN STORAGE THE LOCK:

- Do not open, destroy nor incinerate the battery CR2450.
- Do not crush, pierce, or short "+" and "-" battery terminals with conductive i.e. metal goods, screws.
- Do not directly heat the battery and not throw it into fire.

MAINTENANCE:

- Clean front of lock with a mild damp cloth with detergent if needed.
- Use only Ethanol (Ethyl Alcohol) for disinfecting.
- Do not use any hard or scratching cleanser.
- Do not clean with chemical materials that melt plastic (thinner, acetone, etc.)
- Be careful not to spill water on lock.

⚠ ATTENTION!

In case of any failure, inform the vendor in writing of the detailed description of the failure. In case of any intervention in the device, such as attempting to repair the device, the device gets **OUT OF WARRANTY.**

LIMITED WARRANTY:

VMS Elektronik A.S. offers a one year limited warranty all products to be free from manufacturing defects in materials and workmanship. This warranty does not cover the battery, lost combinations or damages caused by improper mounting, improper or unreasonable use.

LIABILITY LIMITS:

This is a limited warranty and is in lieu of all other warranties (including the implied warranties of merchantability and fitness for use) and under no circumstances shall VMS Elektronik A.S. be liable for any incidental or consequential damages or losses.

Thank you

Congratulations for making this eco-friendly choice!
By purchasing a miniK10, you will prevent additional batteries going to the landfills over the up to 10 years. With its smart technology, the miniK10 only requires one battery over a 10 years period. This period may be reduced according to battery performance, environmental conditions and frequency of use.

mini**K10**   QUICK INFO

DEFAULT PASSWORDS

1 0 1 0
USER PASSWORD

(**1 0 1 0 1**)
**IF SERVICE
PASSWORD ACTIVE**

1 0 1 0 1 0
MASTER PASSWORD

OPENING/CLOSING WITH USER PASSWORD

1) **1 0 1 0**
USER PASSWORD

2) 🔒 ⚠️

⚠️ ATTENTION:
These are default
settings by the
factory. Once they
are changed, be
sure to write down
your new code!

1) **1 0 1 0**
USER PASSWORD

2) 🔒 ⚠️

OPENING/CLOSING WITH MASTER PASSWORD

1) **# 1 0 1 0 1 0 #**
MASTER PASSWORD

2) 🔒 ⚠️

⚠️ ATTENTION:
Opening direction
depends on
which to type of
door miniK10
is installed. All
opening
illustrations depict
right handed door
installation.

1) **# 1 0 1 0 1 0 #**
MASTER PASSWORD

2) 🔒 ⚠️

Notes:..
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mini**K 10**

eco-friendly

In all areas of life

School / Dormitories

Hospitals

Offices

Gym's / Spa's

Malls / Stores

Hotels / Restaurants

Staff Lockers

Mailboxes

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