

KF-90



USER MANUAL

Dear User;
Thank you for choosing us.

ATTENTION

- Please install the safebox where you can use it easily.
- The location should be dry. Don't give electricity to the body.
- Do not put under sun shine. Steel body can be so hot.
- Do not remove the screws or uninstall the mechanism.
- Do not use the used and new batteries together. Replace the battery as pack. Use only Alkaline batteries.
- Be sure the batteries are at right position.
- **When you forget the password of your safe, first open it with a master code. The metal key is for emergency only. It is not suitable for normal use.**
- Under Keypad you can find external battery pack socket. If you bought this unit you can give external power to the safebox when the batteries are dead. Do not give over 6V DC from that input.

TECHNICAL SPECS

Item Name : Electronic Digital Motorized Safebox

Item Code : KF-90

Working Voltage : DC 6V

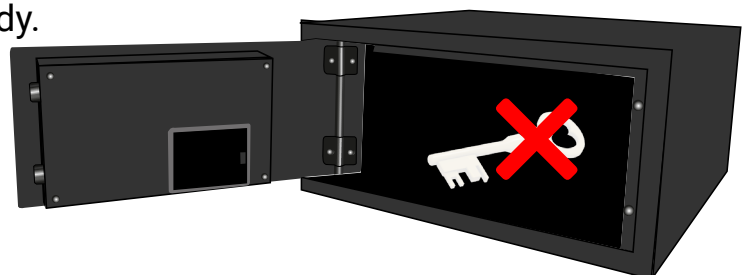
Standby Current : $\leq 10\mu\text{A}$

Working Current : $\leq 400\text{ mA}$

Temp Conditions : $-10^{\circ}\text{C} \sim 65^{\circ}\text{C}$ / $10\% \sim 90\% \pm 2\text{RH}$

INSTALLATION

- After you open the door of the safe, open the cover of the battery box by your hand. Please do not use any metal to open. Insert the batteries correctly and close the cover. If you hear the "beep" sound; Your safe is ready.
- **Please open the battery cover by your hand. Do not use screw driver etc.**
- **DO NOT PUT THE METAL KEY INSIDE !!!**



LOCATION

There is 4 hole to fix it. 2 at back to at ground. Fix the safebox to strong place. Use the screws inside the safebox. Prevent the shaking and balance it. Unbalanced installation will cause uncomfortable door opening/closing.

FACTORY SETTINGS

Doors are kept open while boxing. However if locked the default user code is 123456



Master Code : 000000# This code should be changed immediately. Do not forget to note the new master code.

When you open the safe by metal key all of the codes will be set to default.

LOCKING AND UNLOCKING

- Push the door to close, Enter the code 3-6 digit that you decide then enter “#” to lock. On the screen “CLOSE-”; will be seen. It means safe is locked.
- While locked, Enter the code by which you locked will open the safebox. When you see “-OPEN-” the safe is unlocked. Pull the door. If you have spring door, the door will be open automaticly..
- When you want to lock again you have to enter the new code (it can be same as previous) and press “#”.
- If you want to clean the screen. Press “*” .



MASTER CODE PROCESS

- Open by master code:press “#” + “#” twice, “SUPER” display,input the current master code (factory setting is“000000”), the door open .
- Be sure to change this password and make a note of the new password.



CHANGING THE PASSWORD

- To change the master code, safes must be open, operate as follows: Press“*” + “*” twice ,“PROG”display



- Input “842627”,then press “#”, “OLD” display input the master code (the factory set is “000000”) ,then press “#”, “NEW”display.

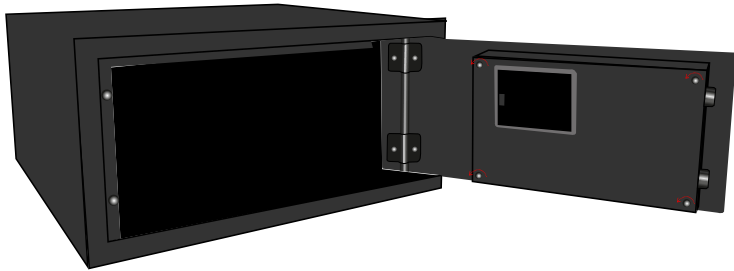


- Input 6 new master code, then press “#” , “AGAIN”display, input again then press “#” , “GOOD” display ,show it is successful.

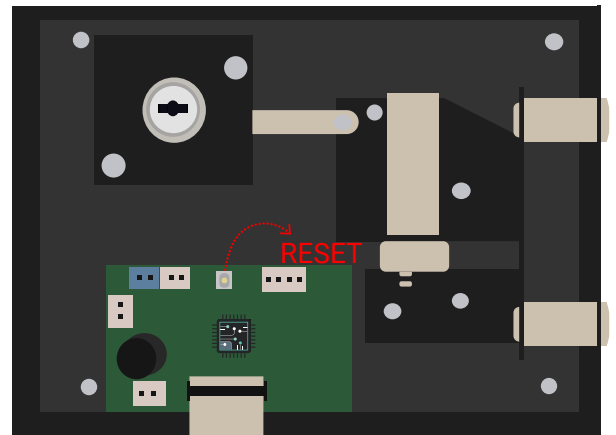


RESET TO FACTORY DEFAULT MASTER CODE

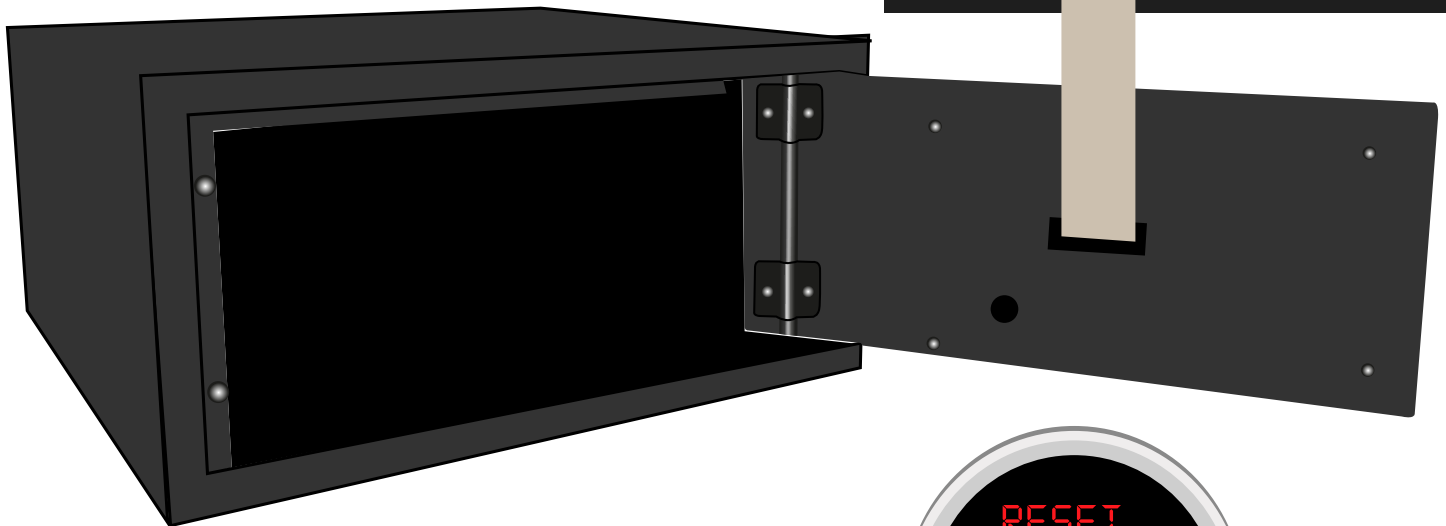
- Open the safe box door using either the user password or the handheld terminal.
- Do not use the mechanical key for the reset process under any circumstances. Otherwise, your product may display an "E-BAR" error and become unusable, potentially voiding your warranty.



- Unscrew the four screws located at the back of the panel.



- Remove the locking mechanism in a way that does not damage the cables, ensuring that the "RESET" button is visible.
- Press the RESET button.

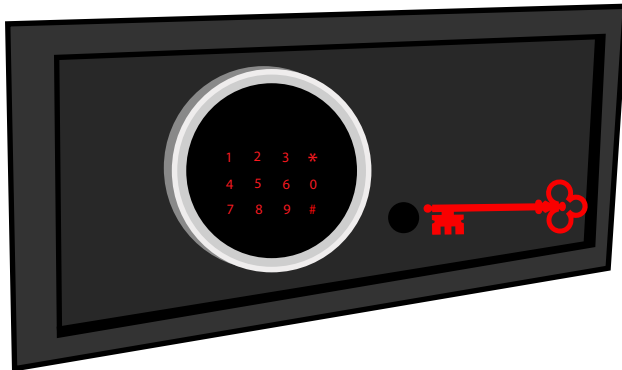


- "RESET" will appear on the panel, and your master password will revert to factory settings.

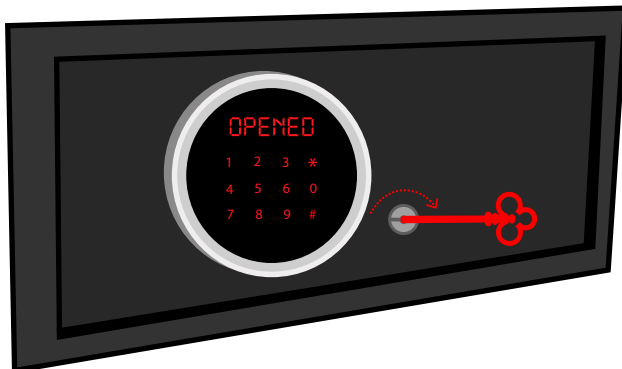


- Performing this operation improperly may cause damage to the circuitry and could void the warranty. Therefore, it's crucial not to forget your master password.

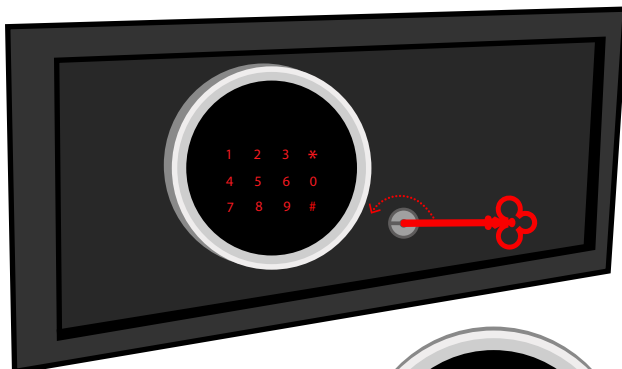
OPENING THE SAFE WITH MECHANICAL KEY



- The mechanical key is only for emergency situations. It is not suitable for regular use.
- You cannot lock an open safe with the mechanical key!!!



- If you do not know the user and master codes, and you do not have the hand terminal, or if the safe's battery is depleted, use the mechanical key.
- Carefully remove the cover of the mechanical key.
- Insert your mechanical key into the barrel.
- Turn your mechanical key towards the direction of the hinge. Your safe will open.
- After your safe is opened, please do not force the key; it will not come out. PLEASE DO NOT FORCE IT
- If your safe's battery is depleted, please replace it with new alkaline batteries.
- If you do not know your master code, refer to 'Page 4' for resetting the master code to factory defaults.
- If you know your master code, lock your safe by turning the key in the opposite direction of the hinge. Remove your key.
- Unlock your safe using the user code, master code, or hand terminal to open the safe.



- Do not open or close the safe using the hand terminal or the panel while the mechanical key is inserted. Your safe may receive an 'E-bar' error and malfunction

- After opening your safe with the mechanical key, the key will not come out. PLEASE DO NOT FORCE IT. Remove the key after locking your safe.
- Do not open or close the safe using the hand terminal or the panel while the mechanical key is inserted.
- Do not leave the mechanical key inside the safe!!!

CHANGING SYSTEM TIME

- With the cash register lock open, press the "Clear" button twice. The display will show "PROG." Once the "Prog" text disappears, enter "055261" and press the "LOCK" button. The display will show "DATE."



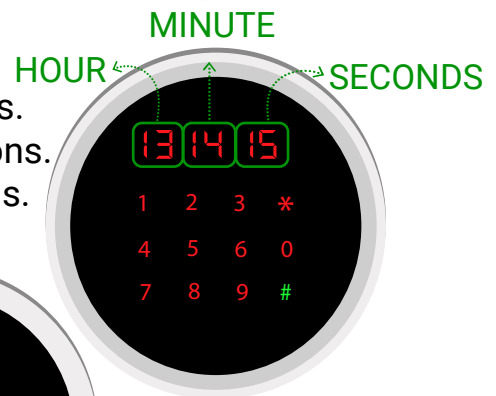
- Immediately after, you need to input a 6-digit date:

- Enter the last two digits of the year in the first and second positions.
- Enter the two-digit month in the third and fourth positions.
- Enter the two-digit day in the fifth and sixth positions.
- Press the "LOCK" button.



- You then need to input a 6-digit time:

- Enter the two-digit hour in the first and second positions.
- Enter the two-digit minute in the third and fourth positions.
- Enter the two-digit second in the fifth and sixth positions.
- Press the "LOCK" button. The display will show "GOOD," indicating that your date and time have been set.

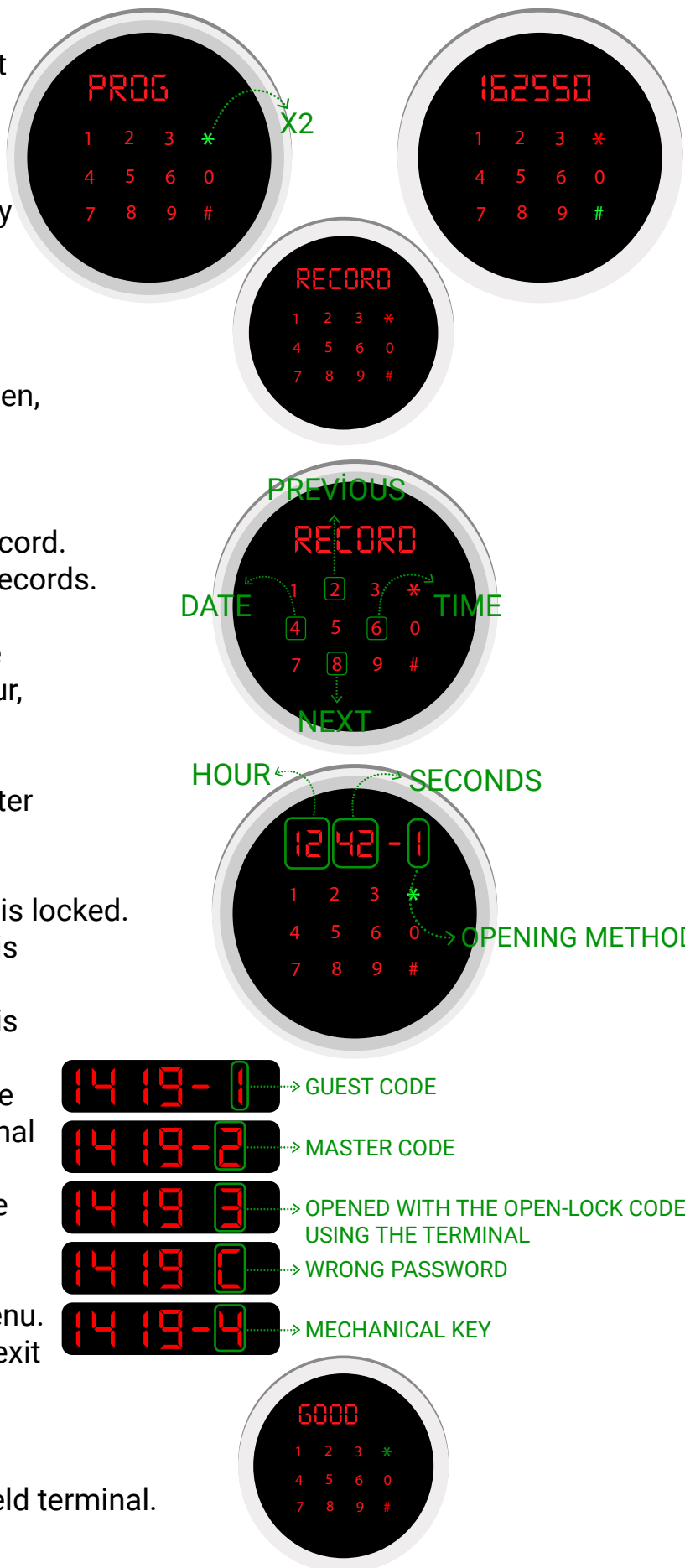


- For example, to set the date and time to 2020-03-30, 13:14:15, follow these steps:

- Enter the numbers in sequence: 20 03 30, then press the "LOCK" button.
- Enter 13 14 15, then press the "LOCK" button again.
- The display will show "GOOD," confirming that your date and time have been set.
- If you have a handheld terminal, note that this process can be easier with it. Refer to the handheld terminal user manual for instructions on setting the time using the handheld terminal.

TO CHECK THE OPENING RECORDS

- While the cash register lock is open, first press the "Clear" button twice. The display will show "PROG." After the "Prog" text disappears, enter "162550" and press the "LOCK" button. The display will show "RECORD."
- The first 6 digits represent the date screen, showing the last opening date.
- Press "8" to go to the next record.
- Press "2" to go to the previous record.
- Press "5" to return to the last opening record.
- Press "6" to view the time and opening records.
- Press "4" to view the date screen.
- While in the time and opening menu, the first and second digits represent the hour, the third and fourth digits represent the minute, and the following digit indicates the opening status of the safe box register
- "C": Indicates an incorrect password.
- "A": Indicates the Safe box register lock is locked.
- "1": Indicates the safe box register lock is opened with the user password.
- "2": Indicates the safe box register lock is opened with the Master Password.
- "3": The safe box was unlocked using the "open-lock" code via the handheld terminal "CEU".
- "4": Indicates the lock is opened with the mechanical key.
- "9": Power is supplied to the system
- Press the "CLEAR" button to exit this menu. The display will then show "GOOD" and exit from the opening records.
- A total of "200" opening records are available. You can check the opening records using a computer via the handheld terminal.

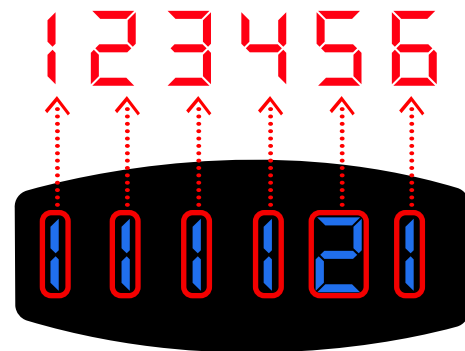


PARAMETER SETTINGS

- While the safe box is open, first press the 'Clear' button twice. The display will show 'PROG.' After the 'Prog' text disappears, enter '711469' and press the 'LOCK' button. The display will show 'CODE.' After a brief wait, the 6-digit parameter menu will appear



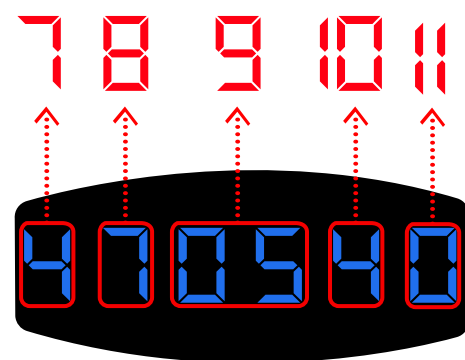
- If you want the password to be visible when entering numbers while the safe box is open, set it to '1.' Set to '0' if you do not want it to be visible.
- If you want the password to be visible when entering numbers while the safe box is locked, set it to '1.' Set to '0' if you do not want it to be visible.
- Set it to '1' to show or hide the password when pressing the clear button while entering the password. Set to '0' to disable this feature.
- Set to '1' to view 200 opening records. Set to '0' to disable this feature.
- Set to '1' to lock your old password with the lock button. Set to '2' to disable this feature. It is recommended to use '2' in hotel applications.
- Set it to '1' to activate the parameter setting menu. Set to '0' to disable the parameter setting menu. If disabled, you can re-enable it by entering your master password while the safe box is locked.



- Refer to the "OPENING THE SAFE BOX WITH THE MASTER PASSWORD" section on 'page 3' for details.

- Enter the parameters for the standard settings of the safe box as shown in the image. Press the 'LOCK' button to proceed to the next settings.

- Sets the number of times an incorrect password can be entered. The standard setting is 4 times. Enter a number between '1' and '9'.
- Sets the number of digits for passwords. Enter a number between '3' and '7'. Entering '7' recognizes both 3 and 6-digit passwords.
- Sets the lockout time in minutes. Enter a number between '00' and '99'. When an incorrect password is entered, the safe box locks itself for the entered number of minutes.
- Sets the safe box password settings. Enter '0' to disable the master password. Enter '1' to use the master password. Enter '4' to use both the master and user passwords. Enter '4' for hotel use




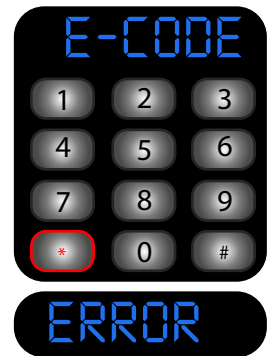
- Enter '1' to use the rental feature, enter '0' to disable it.

Enter the parameters for the standard settings of the safe box as shown in the image.

- Press the 'LOCK' button to save the settings. The display will show 'GOOD,' indicating that the parameter settings have been saved."

OTHER FEATURES

- When you enter the wrong number, press the "CLEAR" button to delete the entered number.
- If you enter the user password incorrectly, "E-CODE" will appear on the screen.
- If you enter the wrong code, "ERROR" will appear on the screen.
- If the user password is entered incorrectly 4 times, the screen will display "HOLD05." You can enter your password again after 5 minutes. This time decreases automatically.
- Pressing the "CLEAR" button without entering a number hides the numbers. Pressing the "CLEAR" button again without entering a number makes the numbers visible. 
- When the safe box is locked and in sleep mode, check the battery status by pressing the "LOCK" button. If the battery is in good condition, "BAEE-H" will appear. If the battery is low, it will appear as "BAEE-L."
- If only "BAEE-L" appears on the screen while in operation, be careful with the polarity and replace the batteries with alkaline batteries.
- If you do not replace the batteries, you may need to power the device with a handheld terminal.



HANDHELD TERMINAL

- If you forget the user and master passwords, you can use a handheld terminal to open the safe box.
- You can transfer the opening records to the handheld terminal and view them through computer software. This allows you to see the date, time, and the method used to open the safe box. You can also save these records to your computer using software.
- When the safe box's battery is depleted, you can provide power with a handheld terminal.
- You can easily adjust the time of the safe box using the handheld terminal.
- If you have a handheld terminal, refer to the user manual to learn how to use it effectively.



GENERAL WARNINGS

- Never leave the mechanical key or handheld terminal inside the safe box.
- The mechanical key is not suitable for regular use. However, in emergency situations where you do not know the user or master password, and you do not have access to a handheld terminal due to a depleted battery, you can open the safe box using the mechanical key.
- Before opening the safe box with the mechanical key, refer to the 'OPENING THE SAFE BOX WITH THE MECHANICAL KEY' section on 'Page 5.' If your product displays an 'E-BAR' error, it becomes unusable. In this case, your safe box may be voided of warranty. The safe box can be opened with the metal key, but it cannot be locked. The metal key is only for emergency situations and is not suitable for regular use.
- Do not lock or unlock the safe box using the panel or handheld terminal while the mechanical key is on the safe box.
- The clock of the safe box must be set. If the clock of the safe box is not set, the timestamps in the opening records will be incorrect. Refer to the 'CHANGING THE SYSTEM TIME' section on 'Page 6' to set the clock of the safe box.
The master password of the safe box should be changed for security reasons and not forgotten. Refer to the 'CHANGING THE MASTER PASSWORD' section on 'Page 3' to change it.
If the master password is forgotten, refer to the 'RESET TO FACTORY DEFAULT MASTER CODE' section on 'Page 4.' Be aware that tampering with the system during this process may void your warranty.
- The safe box key should not be lost. If lost, a replacement cannot be requested from our company. For security reasons, key codes are not recorded.

