

Mit Sicherheit gut aufgehoben.

GB

OPERATING INSTRUCTIONS

for HS 480 / HS 481 / HS 482 series hotel safes

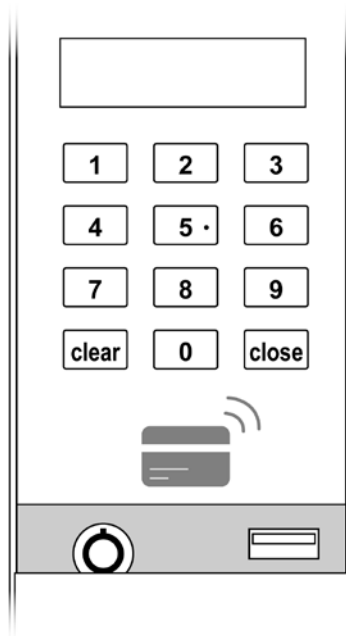


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Please read the operating instructions first.

Dear Customer,

thank you very much for choosing this product. Please read the operating instructions carefully before you put the product into operation – the manual will help you to operate the safe correctly.

This high-quality product has been manufactured on modern machinery taking environmental aspects into account, and tested by a detailed quality check. Please follow all instructions for long and optimum function.

Keep the operating instructions for later reference. Please also read the other documents delivered with the product.

IMPORTANT NOTE:

**The manufacturing company reserves the right to make changes to the product!
HARTMANN TRESORE AG is not liable for damage caused by improper use.**

1 | INSTRUCTIONS



Please follow the following instructions:

- Fix the safe on a flat and solid surface using the fixing material supplied.
- Erect the safe in a cool, dry location.
- Avoid direct sunlight.
- Please do not use the safe to step on.
- Please do not mix battery types or old and new batteries.
- Please make sure that the batteries are inserted correctly.
- If the batteries are not replaced until they are fully discharged, you can use the emergency power adapter temporarily. Depending on the side the door hinges, you will find the connection for this under the left or right trim next to the keypad.
- Any user-inflicted damage is not covered by the guarantee provided by the contract.



PLEASE NOTE! Please follow the following safety instructions.

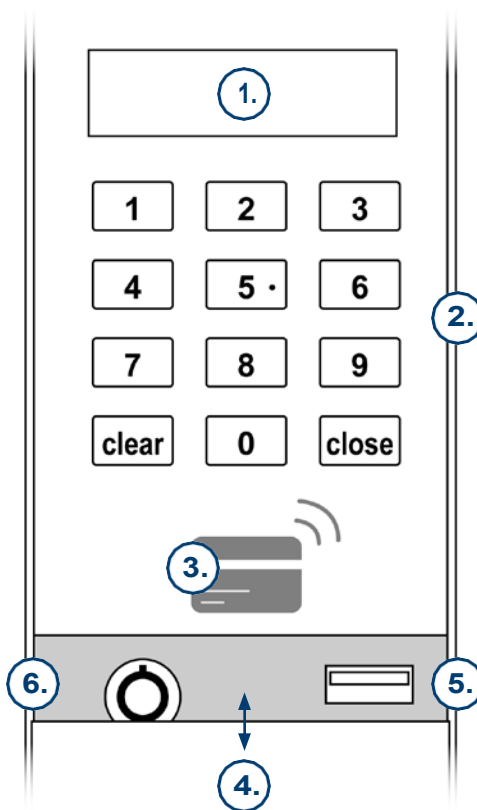
- Some safes tend to be top-heavy; please note this when carrying them.
- Watch out for your hands when opening and closing the safe – danger of crushing!



2 | TECHNICAL SPECIFICATIONS

Control panel

1. Display
2. Control panel
3. RFID sensor
4. Cover
5. USB connection
6. Emergency lock (mechanical)



The sketch may differ from the actual product.



3 | PUTTING INTO OPERATION

- Check the safe for any defects and make sure all the accessories included are complete before putting it into operation.
- The safe must be screwed securely to a surface. The fixing material is included with the delivery.
- Insert the batteries supplied into the battery compartment. The battery compartment is on the rear of the door.
- Either **“Secure”** appears in the display, meaning that the system is in start mode, or **“Error”**, meaning that there is an error.
- Once **“Okay”** appears, the safe is ready to use.
- If no further action is performed after a key operation, all previously performed actions are deleted after a few seconds/minutes and the initial state is restored.
- Incorrect inputs can be corrected using the **“clear”** key.

Optionally, the RFID cards included in the delivery can be used to open/close the safe (see following chapters).



PLEASE NOTE!

For your own security, please change the factory code to your own personal master code without delay (see chapter 9). Please obtain the factory setting for the master code directly from HARTMANN TRESORE.

For various additional functions, you need a reader, which can be purchased as an option (see chapter 8). To purchase one, please contact HARTMANN TRESORE.



4 | LOCKING/OPENING THE SAFE

1. Locking the safe (with a 3–6-digit code; see chapter 9)

- Close the door.
- Enter a 3–6-digit code of your choice.
(Code can be reassigned as required each time the safe is locked).
- Press “close”.
- OPTIONAL: Hold the hotel room key card against the sensor.

The safe now closes automatically. “CLOSE” appears in the display.

2. Opening the safe

- Enter the code that was used to lock the safe.
- OPTIONAL: Hold the hotel room key card that was used to lock the safe against the sensor again.

The safe now opens automatically. “OPEN” appears in the display.

5 | EMERGENCY OPENING

In case of emergency, for example if you forget the user code, lose the hotel room key card or in the event of a technical malfunction, you have the option of opening the safe by means of a master code, with the emergency opening key, a master card or with the reader.

Please note: Only either the master code function OR the master card function can be used.

1. Emergency opening with master code

- Enter the 6-digit master code. (To obtain it, please contact our HARMANN TRESORE Service Department).
- The safe opens automatically. “OPEN” appears in the display.



PLEASE NOTE!

For your own security, please change the factory code to your own personal master code without delay (see chapter 9)!

2. Emergency opening with master card

- Hold the master card against the sensor.
- The safe now opens automatically. “OPEN” appears in the display.

Please note: If you wish to use a master card, it must be programmed beforehand (see chapter 9).

3. Emergency opening with emergency-opening key

- The emergency-opening lock is located on the control panel (see chapter 2).
- Insert the emergency-opening key into the lock and turn it anti-clockwise.
- The safe now opens automatically. “OPEN” appears in the display.



4. Emergency opening with reader (CEU)

- Connect the reader to the safe's USB port.
- Select **“Emer Open”** and press **“OK”** to confirm.
- **“Mgr Code ___”** appears in the display.
Please enter the manager code **“3333”** here and press **“OK”** to confirm.
- **“Sec Code ___”** appears in the display.
Please enter the security code **“4444”** and press **“OK”** to confirm.
- **“Open”** appears in the display and the safe is opened.



PLEASE NOTE:

During this operation, the date and time stored in the reader are automatically transmitted to the safe and are stored there.

6 | CHECKING BATTERY POWER

- While the door is closed, press the **“close”** key.
- The display shows **“BA_LOW”** -> battery low. Please replace.
- The display shows **“BA_HI”** -> battery OK.



7 | DISPLAYS

1. Normal message

- “**AGAIN**” -> Repeat the last input.
- “**BA-HI**” -> battery status normal.
- “**BA-LO**” -> battery status low. Batteries should be replaced.
- “**CLOSE**” -> Locking mechanism extended.
- “**OPEN**” -> Locking mechanism retracted.
- “**DONE**” -> Input complete.
- “**NEW**” -> Enter a new code.

2. Error messages

An error message on the display means that an operating error has occurred. In this case, please follow the steps below:

ERROR

An incorrect code has been entered. Please enter the correct code.

ERROR 1

This message means that the door cannot be opened as the locking pins are tilted. In this case, please first try to remedy the tilt by shaking the door slightly. Otherwise, carry out emergency opening

ERROR 2

The locking pins are being held back and cannot be extended (the door cannot be completely closed at this time). To solve the problem, press the door firmly into its frame before continuing with the locking process.

HOLDxx

This error message appears after 4 consecutive incorrect entries of the code. The safe is currently on hold. The two digits (xx) after “**HOLD**” indicate the duration of the hold time in minutes. During this time, opening is only possible with the emergency opening key or, optionally, with the reader.

SECURE

If the safe displays “**Secure**”, the batteries are very low and should be replaced as soon as possible.

8 | FUNCTIONS OF THE READER (CEU)

You need the reader to make the following settings.

Setting a room number

- Connect the reader to the safe's USB port.
- Select **"Setting"** and press **"OK"** to confirm.
- **"Mgr Code ____"** appears in the display.
Please enter the manager code **"3333"** here and press **"OK"** to confirm.
- Select **"Room NO."** and press **"OK"** to confirm.
- Enter a 4-digit room number and press **"OK"** to confirm.
- **"DONE"** appears in the display. The room number has been successfully stored.

Setting date and time

- Connect the reader to the safe's USB port.
- Select **"Setting"** and press **"OK"** to confirm.
- **"Mgr Code ____"** appears in the display.
Please enter the manager code **"3333"** here and press **"OK"** to confirm.
- Select **"Date And Time"**.
- Enter the current date and time. Press **"OK"** to confirm your input.
"Done" appears in the display.



PLEASE NOTE:

The date and time should be set immediately once the safe has been installed.

Changing the manager code

- Connect the reader to the safe's USB port.
- Select **"Setting"** and press **"OK"** to confirm.
- **"Mgr Code ____"** appears in the display.
Please enter the manager code **"3333"** here and press **"OK"** to confirm.
- Select **"Change Mgr Code"** and press **"OK"** to confirm.
- **"Current Mgr Code ____"** appears in the display.
Enter the current manager code **"3333"** and press **"OK"** to confirm.
- **"New Mgr Code ____"** appears in the display.
Enter a new 4–6-digit code and press **"OK"** to confirm.
- **"Confirm Mgr Code ____"** appears in the display.
Enter the new 4–6-digit code again and press **"OK"** to confirm.
- **"DONE"** appears in the display. The manager code has been successfully changed.



Changing the security code

- Connect the reader to the safe's USB port.
- Select **"Setting"** and press **"OK"** to confirm.
- **"Mgr Code ____"** appears in the display.
Please enter the manager code **"3333"** here and press **"OK"** to confirm.
- Select **"Change Sec Code"** and press **"OK"** to confirm.
- **"Current Sec Code ____"** appears in the display.
Enter the current security code **"4444"** and press **"OK"** to confirm.
- **"New Sec Code ____"** appears in the display.
Enter a new 4–6-digit code and press **"OK"** to confirm.
- **"Confirm Sec Code ____"** appears in the display.
Enter the new 4–6-digit code again and press **"OK"** to confirm.
- **"DONE"** appears in the display. The security code has been successfully changed.

Reading out audit

- Connect the reader to the safe's USB port.
- Select **"Audit"** and press **"OK"** to confirm.
- Select **"Read Audit"** and press **"OK"** to confirm.
- **"Sec Code ____"** appears in the display.
Enter the security code **"4444"** and press **"OK"** to confirm.
- The reader starts reading out the last operations (audit).

Displaying audit

- Select **"Audit"** and press **"OK"** to confirm.
- Select **"View Audit"** and press **"OK"** to confirm.
- **"Sec Code ____"** appears in the display.
Enter the security code **"4444"** and press **"OK"** to confirm.

The display shows a selection of room numbers for which audits have already been read out. Select the desired room number and press **"OK"** to confirm. The last 100 operations are displayed.

8 | FUNCTIONS OF THE READER (CEU)

Example display

- **0012-OPEN:** The 12th The operation was opening (note that 0001 represents the most recent operation and 0100 represents the oldest)
- **User Code:** opened with user code (opening method)
- **21-01-2000:** Day-month-year
- **00:53:58:** Hour: Minute: Second

Meaning of other displays

- **Close-User Code:** Closed with user code
- **Open-CEU:** Emergency-opened with reader
- **Open-Master Code:** Emergency-opened with master code
- **Open-Key:** Emergency-opened with emergency-opening key

Connecting reader to PC

- Install the reader's USB driver and the audit software on your desktop PC or laptop.
- The software is designed for Windows 7, Windows 8, Windows 10 and for 32-bit and 64-bit systems.
- Connect the reader to the desktop PC or laptop with a USB cable.
- In the reader, select "**Connect to PC**" and press "**OK**" to confirm.
- "✓" appears in the reader display as soon as the connection has been established.
- Follow the software instructions.

9 | ADVANCED PROGRAMMING FUNCTIONS 1/2



PLEASE NOTE:

Changes can only be made when the safe is open (pins are retracted).

- The various programming functions are carried out by changing individual digits in the display; these digits are in turn arranged into several number groups.
- The number currently flashing can be changed. When a new digit is entered, setting for that digit is completed; the next digit starts flashing and can be changed.
- To complete programming, all number groups must first be run through, even if no changes have been made to one or more number groups.



Activating the first number group

Enter **“clear clear”**. **“PROG”** appears in the display.

As soon as the display goes out, enter the function code **7-2-9-3-1-9**.

The first number group appears and can be changed. The preset is:

A	B	C	D	E	F
1	7	1	0	0	1

(A) Displaying or hiding code

Digit **“0”** means that the code is replaced with dashes.

Digit **“1”** means that the code entered is shown as normal in the display.

(B) How many digits should a guest code comprise

Digit **“3”** means that the guest code must have 3 digits.

Digit **“4”** means that the guest code must have 4 digits.#

Digit **“5”** means that the guest code must have 5 digits.

Digit **“6”** means that the guest code must have 6 digits.

Digit **“7”** means that the guest can choose any code with 3 to 6 digits.

(C) Duration of hold time after 4 consecutive failed attempts to open

Digit **“0”** means there is no hold time.

Digit **“1”** means there is a hold time of 15 minutes.

Digit **“2”** means there is a hold time of 30 minutes.

(D) Automatic delay in opening after the code is entered

Digit **“0”** means that there is no delay before opening.

Digit **“1”** means that there will be an 8-minute delay.

Digit **“2”** means that there will be an 10-minute delay.

Digit **“3”** means that there will be an 12-minute delay.

Digit **“4”** means that there will be an 14-minute delay.

Digit **“5”** means that there will be an 16-minute delay.

Digit **“6”** means that there will be an 18-minute delay.

Digit **“7”** means that there will be an 20-minute delay.

Digit **“8”** means that there will be an 22-minute delay.

Digit **“9”** means that there will be an 24-minute delay.

(E) Repetition of the code in the display after closing

Digit **“0”** – code is not repeated.

Digit **“1”** – code is repeated.

(F) Changing the user mode

Digit **“1”** – hotel mode:

Every time the safe is closed, a personal code must be entered and “close” must be pressed to confirm.



9 | ADVANCED PROGRAMMING FUNCTIONS 2/2

Digit “3” – security mode:

The safe is opened/closed by a combination of code input and use of the RFID card. After the code has been entered, “CARD” appears in the display. Now hold the RFID card against the sensor. The door closes and “CLOSE” appears in the display.

To open the safe, re-enter the same code and press “close”. “CARD” appears in the display. Now hold the RFID card against the sensor. The door opens and “open” appears in the display. Each time the safe is opened, the previously used code and the RFID card are automatically deleted.

*** (2) Confirm the first number group with “close”.**

The second number group appears and can be changed. The preset is: 1-1-1-0-1-1

A	B	C	D	E	F
1	1	1	0	1	1

(A) Setting after replacing the batteries

Digit “1” means that the door is not automatically opened after the battery is replaced.

(B) Master card deactivation

Digit “0” means that the master card has been deactivated.

Digit “1” means that the master card has been activated.

(C) Number of RFID cards in use simultaneously

Digit “1” – only one card can be used.

(D) Activation of RFID card sensor

Digit “0” means that the sensor is activated.

Digit “1” means that the sensor is deactivated.

(E) Master code activation

Digit “0” – code is deactivated.

Digit “1” – code is activated.

(F) Reading out the last 500 operations and operating sequences (see chapter 10)

Digit “0” – Only openings are stored and read-out via keypad is deactivated.

Digit “1” – Only openings are stored and read-out via keypad is activated.

Digit “2” – Openings and closures are stored and read-out via keypad is deactivated.

Digit “3” – Openings and closures are stored and read-out via keypad is activated.

Digit “4” – All operations are stored and read-out via keypad is deactivated.

Digit “5” – All operations are stored and read-out via keypad is activated.



- * (3) Confirm the second number group with “close”.
The third number group (date) appears and can be changed.

Display	0	6	0	2	0	4
	A		B		C	

A/B/C stands for day/month/year. Here, the example is “6 February 2004”.

- * (4) Confirm the third number group with “close”.
The fourth number group (time) appears and can be changed:

Display	1	4	2	5	3	6
	A		B		C	

A/B/C stands for hour/minute/second. Here, the example is “14:25:36”.

Here again, confirm with “close” to finish and exit programming.

Reprogramming the master code

- While the door is open, enter “clear clear”. “PROG” is shown in the display.
As soon as the display goes out, the current master code (see chapter 3) must be entered.
“NEW” appears in the display.
 - Enter a new 6-digit master code within 15 seconds. “AGAIN” appears in the display.
 - Repeat the new 6-digit code within 15 seconds. “DONE” appears in the display.
- The master code has been successfully changed.



PLEASE NOTE:

The master code cannot be reprogrammed if the current master code is not known.

Programming the master card (in hotel mode only)

- While the door is open, hold the “S” card against the sensor. “IN” appears in the display.
 - Hold the “M” card against the sensor continuously for 8 seconds.
The following appears in the display: “CARD*” (“*” represents a number from 1 to 10 that stands for the card number in question).
 - A maximum of 10 master cards can be programmed for each safe.
 - If an error occurs during programming, the message “Error” appears in the display.
- Please note: As soon as a master card is programmed, the master code function is deactivated.

Deleting the master card (in hotel mode only)

- While the door is open, enter “clear clear 9360 close”. “S-CARD” appears in the display.
- Hold the “S” card against the sensor.
- “Delete” appears in the display. All master cards have now been deleted.

10 | READING OUT OPERATIONS

You can read out the last 500 operations. Proceed as follows:

- Press **“clear clear”**. **“PROG”** appears in the display.
- As soon as the display goes out, enter the function code **829319**.
- 3 different groups of numbers now appear one after the other on the display and their individual digits encode the various operations.
- Press **“close”** to move from one number group to the next.
- Once you have pressed **“close”** three times, you move to the next operation.
- You can also directly enter the number of the operation you would like to read out. Enter the number and press **“close”**.

You will find an example below:

1. Number group:

A	B	C	D	E	F
0	0	5	-	0	3

Explanation:

Positions

A, B, C: show the operation number.

Position D: no function

Position E: **“0”** means that the door has been opened.

“1” means that the door has been closed.

“2” means that the time has been set.

“3” means that the room number has been entered.

“4” means that the operations have been read out.

“5” means that the **“HOLD”** function has been activated.

“6” means that the battery level is low.

“7” means that the batteries need to be replaced.

“9” means that the master card has been assigned.

Position F: **“1”** means that the door was opened/closed using the personal code.

“2” means that the door was opened using the master code.

“3” means that the door was opened by the reader.

“4” means that the door was opened using the emergency power supply.

“5” means that the door was opened using the RFID user card.

“7” means that the door was opened using the RFID master card.

“9” means that the door was opened using the mechanical key.

If there has been no opening or closing operation, the position is free.



2. Number group:

G	H	I	J	K	L
2	3	0	5	0	1

Positions G, H: Show the day of the month the operation was carried out.

Positions I, J: Show the month the operation was carried out.

Positions K, L: Show the year the operation was carried out.

Here, the example is "23.05.2001".

3. Number group:

M	N	O	P	Q	R
1	0	0	5	3	8

Positions M, N: Show the hours of the time the operation was carried out.

Positions O, P: Show the minutes of the time the operation was carried out.

Positions Q, R: Show the seconds of the time the operation was carried out.

Here, the example is "10:05:38".



11 | TIPPS UND HILFEN

PROBLEM	POSSIBLE CAUSE	SUGGESTED SOLUTION
The keypad, RFID functions and/or display do not respond.	Battery power is too low.	Change the batteries.
	Batteries have been inserted incorrectly.	Insert the batteries as intended.
	Fault in the electronics.	Contact a service employee at Hartmann Tresore AG*.
	RFID card/sensor is defective.	
Connection between reader and safe is not working.	Connection cable is faulty.	Use a different cable.
	Connections are defective.	Contact a service employee at Hartmann Tresore AG*.
	Software malfunction.	
Safe does not open although correct code was entered.	Locking pins are tilted.	Try to remedy the tilt by gently shaking and tapping; optionally, you can use the emergency opening key to manually retract the locking mechanism.
	Malfunction of the drive for retracting/extending the locking pins.	Contact a service employee at Hartmann Tresore AG*.
The door does not close properly.	The locking pins cannot be extended, or can only be partially extended.	Make sure that the door is fully engaged in the door frame at all times and check the locking mechanism for tilting.
	Malfunction of the drive for retracting/extending the locking pins.	Contact a service employee at Hartmann Tresore AG*.
Reader is not working.	The battery power in the reader is too low.	Change the batteries.
	Batteries have been inserted incorrectly.	Insert the batteries as intended.
	Fault in the electronics.	Contact a service employee at Hartmann Tresore AG*.

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12| CLEANING AND CARE



PLEASE NOTE!

Do not use any strong detergents or hard objects for cleaning.

- To clean the safe, please use a soft cloth and a mild, commercially available cleaning agent. Do not use aggressive cleaning agents.
- Lubricate the door hinge regularly with a little commercial machine oil to maintain mobility.

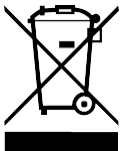
13| DISPOSAL



PLEASE NOTE!

**This appliance is marked in accordance with the European Directive 2002/96/EC on waste electrical and electronic equipment!
The appliance packaging is made of reusable materials**

- The correct separate collection of these appliances and its eco-friendly treatment and disposal contribute to preventing potential negative impact on the environment and health.
- The packaging materials can be hazardous for children. For this reason, keep these materials out of the reach of children and dispose of them in accordance with the waste instructions.
- Do not dispose of the packaging materials together with normal waste.
- If necessary, contact your authorised sales agent or the waste collection centre in your region for information on disposal.
- Remove the mains plug and any locks before disposal to protect children from possible hazards



This symbol, which you can see on the product itself and in the product documents, means that the safe must not be disposed of with normal household waste. The product must be taken to a special waste collection centre to guarantee the regulation-compliant disposal required for electronic appliances. If necessary, contact the waste collection centre or your sales agent for further information.

14 | GUARANTEE

The guarantee period begins with product purchase and lasts 12 months.



Please note! The guarantee is rendered invalid if

- the installation and operating instructions are not followed correctly and lead to malfunctions.
- the appliance is modified in any way.
- no original spare parts are used.

The guarantee is not applicable for any personal injury or property damage caused by non-observance of the operating manual or incorrect use of the appliance.

IMPORTANT: Product characteristics may be changed without advance notice.



Mit Sicherheit gut aufgehoben.



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