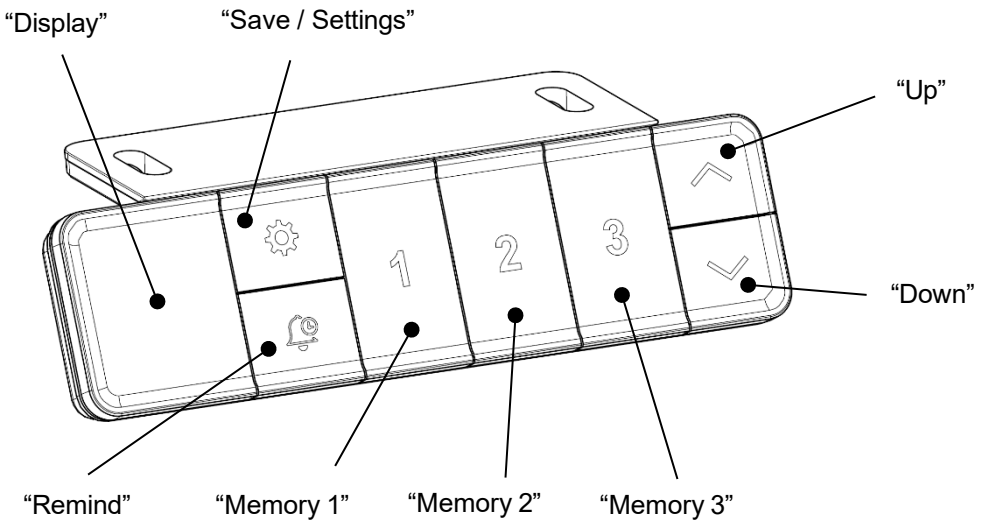
1 Operation M5.9 control Unit



1.1 Up Operation

To run the desk up, press and hold the "△" (Up) button. Release the button to stop the movement. The display will show the actual height while the desk is moving and continue to show the height for 30 seconds when the desk stops. The desk will stop automatically once it reaches the upper limit.

1.2 Down Operation

To run the desk down, press and hold the "▽"(Down) button. Release the button to stop the movement. The display will show the actual height while the desk is moving and continue to show the height for 30 seconds when the desk stops. The desk will stop automatically once it reaches the lower limit.

1.3 Initialisation / Reset

Before Performing a Reset:

- Ensure that the desk is in its **lowest possible position**.
- If the display height is higher than the desk's actual height (e.g. after swapping hand switches), **carefully lower the desk**.

Performing a Reset:

1. Press and hold the "▽" button for 5 seconds.
   The display shows **"rES"**, and the reset process begins automatically.

2. The columns will **slowly move downward** to the lowest mechanical position.

3. Once the lowest point is reached, the system will **rebound approx. 5 mm** and a **beep** will confirm successful reset.

4. You do **not** need to continue holding the button once "rES" appears - the process completes automatically.

Caution: Never operate the desk if it is not correctly initialized. An incorrect height value may cause the lifting columns to exceed their limits, leading to mechanical damage.

Caution: The controller's upper limit stop is preconfigured. Only use control units that are **specifically supplied for your desk model**.

Danger: Optional collision protection is **deactivated during the reset process**. Be especially cautious and ensure no body parts or objects are within the movement range.

1.4 Memory Positions

The hand switch supports **three programmable memory positions**. These can be saved and recalled using the buttons “Memory 1”, “Memory 2”, and “Memory 3”.

1.4.1 Storing a memory position

1. Drive the desk to the desired height.
2. Press the **“Save/Settings”** button. The current height will be displayed and flash for 3 seconds. *(To cancel, press “Save/Settings” again.)*
3. While the Display is flashing, press one of the **memory buttons (Memory 1–3)** to store the desired height.
4. Upon successful saving, the display will show **H1 / H2 / H3** briefly, then return to normal mode.

1.4.2 Drive to a stored memory position

1. Press one of the **memory buttons (Memory 1–3)**.
2. The **desired height** will appear briefly in the display.
3. The desk will move **up or down** to the saved position.
4. The display shows the actual height during movement.
5. Press any button to **interrupt** the movement.

1.5 Locking function

L**ock** the System:

- Press and hold **“△” and “▽” simultaneously for 3 seconds**.
- The display will show **“LoC”** – indicating the system is locked. No movement is possible.

U**nlock** the System:

- Press and hold **“△” and “▽” simultaneously for 3 seconds**.
- The display will return to normal operation.

1.6 Energy-Saving mode

If no button is pressed for **30 seconds**, the hand switch enters **Energy-Saving mode**:

- The display turns off.
- The controller changes to low power consumption mode.
- Press any button to **leave** the Energy-Saving mode.

1.7 Settings

The M5.9 control unit allows adjustments to:

- “Un” Display unit cm or inch
- “CF” Collision detection sensitivity (Collision detection)

To enter the settings menu:

1. Press and hold the “Save / Settings” button for 3 seconds. The display shows “S -” and flashes.
2. Press the “Save/Settings” button again shortly to enter the main menu.
3. Use the “△” and “▽” buttons to select between settings options “Un” or “CF”.
4. Press “Save / Settings” button to select or save changes.

If no button is pressed within 20 seconds, the menu will be exited.

1.7.1 Switch display between cm and inch

Options:

- **SI** = Metric (cm)
- **In** = Imperial (inch)

1. Press and hold the “Save/Settings” button for 3 seconds. The displays shows "S -" and flashes.
2. Press the “Save/Settings” button again shortly to enter the main menu.
3. Use the “△” or “▽” button to select the option “Un” and press the “Save/Settings” button to enter the “Un” menu.
4. Use the "△" and "▽" button to select between the options “SI” or “In”
5. Press the “Save/Settings” button to save the option and exit the settings interface.

1.7.2 Set Collision Detection Sensitivity

Options:

- **OFF** = Disabled
- **L** = Low sensitivity
- **N** = Normal sensitivity
- **H** = High sensitivity

1. Press and hold the “Save/Settings” button for 3 seconds. The displays shows "S -" and flashes.
2. Press the “Save/Settings” button again shortly to enter the main menu.
3. Use the “△” or “▽” button to select the option “CF” and press the “Save/Settings” button to enter the “Un” menu
4. Use the "△" and "▽" button to select between the options “OFF”, “L”, “N” or “H”.
5. Press the “Save/Settings” button to save the option and exit the settings interface.

1.8 Reminder Function

1.8.1 Activate the Reminder Function

1. Press the "Remind" button. The display shows **x.xh** (0.0 h – 4.0 h).
2. Use the “△” or “▽” button to adjust the timer in **0.5 hour increments**.
3. There is no button to press; the setting is automatically saved after 2 seconds.
4. After successful adjustment, a decimal point flashes on the display when the control changes to energy-saving mode.

Reminding Function is activated:
- A **flashing decimal point** indicates the function is active.

Preset Time of the Reminder Function has been reached:
- The controller emits a **beep**, and the display lights up.
- Adjust the desk height to the opposite position up or down to restart the reminder function.

1.8.2 Deactivate the Reminder Function

1. Press the "Remind" button. The display shows **x.xh** (0.0 h – 4.0 h).
2. Use the “△” or “▽” button to adjust the timer in **0.5 hour increments to 0.0**.
3. There is no button to press; the setting is automatically saved after 2 seconds.
4. After successful adjustment, a decimal point will not flash on the display.