



Infinity Commercial Furniture

MOTION OPERATING MANUAL

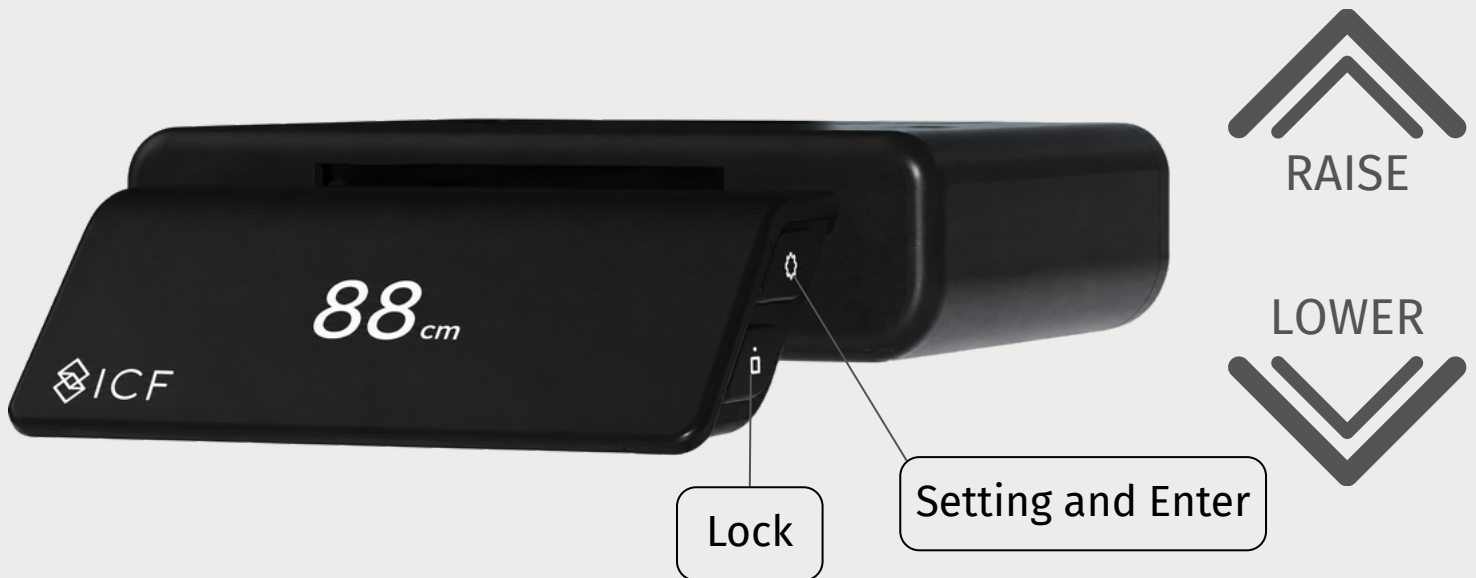
SIT TO STAND. *WORKSTATIONS*



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1. Handset Interface



2. Resetting The Desk

If the desk acts abnormally or the screen displays “**RST: Press Down**“, reset the desk using the steps below:

1. Press and hold the paddle **down** to lower the desk until it reaches its lowest point
2. Release the paddle
3. Press and hold the paddle **down** again for **5 seconds** until you hear a beep

3. Operating The Desk

Raise the Desk: Push the paddle **up** and hold. The display shows a rising icon until it reaches the height position

Lower the Desk: Push the paddle **down** and hold. The display shows a descending icon until it reaches the lowest position



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4. Menu Bar

Press and hold the **Right Button** for **3 seconds** to open the menu

Menu Options:

Alarm Clock Reminder:

Return, 0 min, 30min, 60min, 90min, 120min, 150min

Language Switching:

Return, Chinese, English, French, German, Dutch, Italian, Spanish, Polish

Upper and Lower Limit:

Waiting Display → Set Ok

Other Functions:

Return, Manual Internal Parameter Setting Interface

Return:

Move the cursor to the “Return” icon and press the **Right Button** to confirm and go back to the main screen



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5. Memory Function

You can save one **Sitting Height** and one **Standing Height**. Settings stay saved even if the power is disconnected.

Saving a Height:

1. Move the desk to your desired height
2. Short-press the **Right Button**. The display will show a sitting or standing icon and will display **Set Ok**

Note: Heights saved in the lower half of the desk's range are saved as Sitting Height. Heights saved in the upper half are saved as Standing Height

Moving to Saved Positions:

- **To Sitting Height:** Quickly double-tap the paddle **down**
- **To Standing Height:** Quickly double-tap the paddle **up**

6. Upper and Lower Limit Settings

To Set a Limit:

1. Move the desk to the target height
2. Press and hold the **Right Button** to open the menu
3. Move the paddle up or down to highlight **Upper and Lower Limit**, then press the **Right Button**
4. The screen shows **Waiting** for 5 seconds, then **Set Ok**

Note: Setting a limit in the upper half creates a Highest Position Limit. Setting a limit in the lower half creates a Lowest Position Limit



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To Cancel Limits:

Method 1: Reset/initialise the system (clears both limits)

Method 2: Move the desk to the existing limit height, open the menu (long-press the Right Button), select **Upper and Lower Limit** and press the **Right Button**. Wait **5 Seconds** until **Set Ok** appears

7. Lock and Unlock

Lock Handset: Short-press the **Lock Button**

Unlock Handset: Press and hold the **Lock Button**

8. Timed Reminder (Sit/Stand Alarm)

1. Press and hold the **Right Button** to open the menu
2. Move the paddle up or down to highlight **Reminder**, then press the **Right Button**
3. Use the paddle to choose an interval: Return, 0 min, 30min, 60min, 90min, 120min, or 150min
4. Press the **Right Button** to confirm and exit. An alarm icon and timer will appear on screen
5. When the time is up, the alarm sounds 5 times, and the display wakes up with a flashing alarm icon. Press the **Right Button** to stop the reminder



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9. Language Selection

1. Press and hold the **Right Button** to open the menu
2. Use the paddle to select **Language Switching**, then press the **Right Button**
3. Use the paddle to scroll through the options: Chinese, English, French, German, Dutch, Italian, Spanish or Polish
4. Press the **Right Button** to save your selection

10. Internal Parameter Settings

1. Press and hold the **Right Button** to open the menu
2. Select **Other Function** using the paddle, then press the **Right Button**
3. Highlight **Manu1** using the paddle, then press and hold the **Right Button** for **5 seconds**
4. The display shows **S-x** with **x** flashing (x is the parameter group)
5. Use the paddle to switch between parameter groups and press the **Right Button** to enter and edit a setting. Press the **Right Button** again when done to save and return to the home screen

Settable Parameters:

S-1 Height Unit

- 0 = Centimetres (CM)
- 1 = Inches (INCH)

S-2: Anti-Collision Sensitivity

- 0 = OFF
- 1 = Lowest Sensitivity
- 9 = Highest Sensitivity



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11. Error Codes

Error Code	Possible Cause	Action Required
E01	Main supply voltage is over 45V.	Check main power supply.
E02	Height difference between the two legs is greater than 1 cm.	Perform an initialisation/reset operation.
E04	Handset connection or communication error.	Check the handset's cable connection.
E05	Anti-collision sensor detected an obstacle.	Release button, clear obstacle, and restart.
E06	Main power supply failed to start (under 20V).	Check or replace main power supply/cable.
E07	Under-voltage protection triggered during operation (under 20V).	Reconnect power supply and perform a reset.
E08	Frame is tilting while running.	Perform an initialisation/reset operation.
HOT	Motor is overheating or ran continuously for over 2 minutes in an 18-minute window.	Let the system cool down/rest for at least 18 minutes.
E11	Motor 1 is not connected.	Check Motor 1 cable connection.
E12	Current sampling channel error in Motor 1.	Replace the control box.
E13	Motor 1 phase line disconnected/out of phase.	Check Motor 1 wiring and phase connection.
E14	Motor 1 Hall sensor error or wire disconnected.	Check Hall sensor signal or replace motor cable.
E15	Short circuit inside Motor 1.	Replace Motor 1.



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Error Code	Possible Cause	Action Required
E16	Locked rotor (jammed motor) inside Motor 1.	Perform an initialisation/reset operation.
E17	Motor 1 is running in reverse.	Swap/check motor wiring or Hall wires.
E18	Motor 1 is overloaded.	Reduce weight on desk.
E21	Motor 2 is not connected.	Check Motor 2 cable connection.
E22	Current sampling channel error in Motor 2.	Replace the control box.
E23	Motor 2 phase line disconnected/out of phase.	Check Motor 2 wiring and phase connection.
E24	Motor 2 Hall sensor error or wire disconnected.	Check Hall sensor signal or replace motor cable.
E25	Short circuit inside Motor 2.	Replace Motor 2.
E26	Locked rotor (jammed motor) inside Motor 2.	Perform an initialisation/reset operation.
E27	Motor 2 is running in reverse.	Swap/check motor wiring or Hall wires.
E28	Motor 2 is overloaded.	Reduce weight on desk.
E40	Control box serial connection interrupted.	Check all connecting wires.
E41	Serial signal transmission error.	Check wires or replace the control box.
E42	EEPROM memory error.	Replace the control box.
E43	Anti-collision sensor hardware fault.	Replace the control box.

