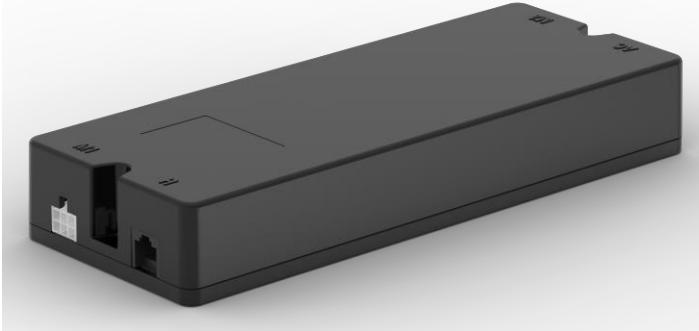


## Operating instructions for ADASTRA height-adjustable tables, type DC24H25-UCW

The ADASTRA DC 24 H 25-UCW table controller features a display, 4 memory positions, an anti-collision system (3 sensitivity settings), and USB-A and USB-C connectors for charging mobile phones.

The electronics allow automatic movement to a pre-selected position stored in the memory without the need to hold the selected position (Automove).



CF20 control unit (P/N: C1CF200004)

### Introduction to I/O

|           |                 |
|-----------|-----------------|
| <b>M1</b> | Motor 1         |
| <b>M2</b> | Motor 2         |
| <b>H</b>  | Controller      |
| <b>AC</b> | AC power supply |



DC24H25-UCW Control

### Button definitions

|            |                                                          |
|------------|----------------------------------------------------------|
| <b>888</b> | 3-digit display                                          |
| <b>▲</b>   | Up                                                       |
| <b>▼</b>   | Down                                                     |
| <b>1</b>   | Position memory 1                                        |
| <b>2</b>   | Position memory 2                                        |
| <b>3</b>   | Position memory 3                                        |
| <b>4</b>   | Position memory 4<br>(Depending on the controller type ) |
| <b>S</b>   | Save/Settings                                            |

### Operating functions

|                             |                                                                                                       |
|-----------------------------|-------------------------------------------------------------------------------------------------------|
| Up and down                 | To adjust the height of the desk, press the "up" or "down" button until you reach the desired height. |
| 3-digit display             | Displays the table height in centimetres.                                                             |
| Position memory (1/2/3/4/S) | To adjust the height of the table, press the position button.                                         |

### A. Reset

When one of the codes appears **E11**、**E12**、**E40**、**E60** , it must first be reset.

1. Press and hold the button  for approximately 3 seconds.
2. The screen will flash **SE** and the reset process will begin. The table will automatically move to the lowest position and then return to the upper limit height (default value 5 mm).
3. The controller will display the current height, which completes the reset process and the table is ready for use.

### B. Memory settings

1. Press and hold the  or  button to set the table to the desired position.
2. Press the " **S** " button once and the current height will start flashing on the screen. Then press the number on the controller where you want to save the specific height, the saved position will appear on the screen and then exit the memory setting mode. The controller will display the current height, the memory setting is complete.
3. You can save up to four positions on the controller using the numbers **1** to **3** or **4** (depending on the type of controller) If you do not make a selection within 10 seconds, the screen will stop flashing and exit memory setting mode.
4. After setting the memory position, simply press the number on the controller and the desk will automatically adjust to the saved height.

## C. Setup mode



1. Press and hold the button **S** button for about three seconds; the three-digit display **S-1** will flash on the screen, entering the setting mode.
2. Press the **▲** and **▼** buttons to select the **S-1** setting mode. **S-2, S-3, S-4**, or **S-5**.
3. If you do not make a selection within 10 seconds, the setting mode will be cancelled.

| Mode       | Function                         | Step settings                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>S-1</b> | Anti-pinch and impact protection | <p>1. When the display shows "<b>S-1</b>", press and hold the "<b>S</b>" button for about 3 seconds to enter the settings, and the current parameters will be displayed.</p> <p><b>001</b> = Lowest sensitivity<br/> <b>002</b> = Medium sensitivity<br/> <b>003</b> = Maximum sensitivity<br/> <b>OFF</b> = Switch this function off.</p> <p>2. Press the '<b>▲</b>' and '<b>▼</b>' buttons to select '<b>001 002</b>', ('<b>003</b>') or '<b>OFF</b>'. Once you have made your selection, press and hold the '<b>S</b>' button for approximately 3 seconds to save it.</p> <p>3. Exit the setting mode by pressing the "<b>S</b>" button again.</p> |
| <b>S-2</b> | Initial altitude display         | <p>1. When the display shows "<b>S-2</b>", press and hold the "<b>S</b>" button for about 3 seconds to enter the settings, and the initial altitude will be displayed as "<b>68.0</b>".</p> <p>2. Press the <b>▲</b> and <b>▼</b> buttons to set the altitude. Press the <b>S</b> button for about 3 seconds to save it.</p> <p>3. Press the <b>S</b> button again to exit the setting mode.</p>                                                                                                                                                                                                                                                      |

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| Mode | Function                                | Step settings                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5-3  | Lower limit height                      | <ol style="list-style-type: none"> <li>Before entering setup mode, set the desk to its lowest height.</li> <li>When the display shows "5-3", press and hold the "S" button for about 3 seconds to enter the settings, and the current height will be displayed. If the display shows "non", this means that the lower limit height is not set.</li> <li>Press the  and  buttons to select the SEE setting or clear the CLR(.) setting. Confirm by pressing the "S" button for about 3 seconds.</li> <li>Exit the settings mode by pressing the "S" button again.</li> </ol>                                                                                                                                           |
| 5-4  | Upper height limit                      | <ol style="list-style-type: none"> <li>Before entering setup mode, set the desk to its maximum height.</li> <li>When the display shows "5-4", press and hold the "S" button for about 3 seconds to enter the settings, and the current height will be displayed. If the display shows "non", this means that the height limit has not been set.</li> <li>Press the  and  buttons to select the SEE setting or clear the CLR(.) setting. Confirm by pressing the "S" button for about 3 seconds.</li> <li>Exit the settings mode by pressing the "S" button again.</li> </ol>                                                                                                                                      |
| 5-5  | Restoring the original factory settings | <ol style="list-style-type: none"> <li>When the display shows 5-5, press and hold the button  for about 3 seconds. seconds to enter the settings, and the display will show PH1.</li> <li>Press the button  four times in total, and the screen will gradually display PH1, PH2, PH3, and PH4 (Password: 1111). If the password is entered correctly, FAC will appear on the screen. Press and hold the "S" button for about 3 seconds to confirm.</li> <li>Exit the setup mode by pressing the "S" button again. The system will return to factory settings and the screen will display "n5t".</li> </ol> <p>* If you need to restore the factory settings again, you must first reset it (see section B).</p> |
|      | Basic presets                           | <p>Factory preset memory positions:</p> <ol style="list-style-type: none"> <li>Memory No. 1: Press the button , the table will automatically move to the lowest position.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

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### Memory positions

2. Memory No. 3: Press the **3** or 4 button (depending on the type of controller) and the table will automatically to the highest position.

### Notes:

The display will turn off after 1 minute of inactivity.

## D. Summary of error codes

| Error code                                                                          | Definition               | Description                                                                                                                                                                                                                                                                                                                                      | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | Overheating              | If this code appears, the system is overheated.                                                                                                                                                                                                                                                                                                  | Discontinue manual operation for 5 minutes and the system will return to normal mode.                                                                                                                                                                                                                                                                                                                                                                                                                  |
|    | Overload                 | If this code appears, the system is overloaded. After 3 seconds the code will disappear.                                                                                                                                                                                                                                                         | Reduce the load on the table before starting operation.                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|    | Action against pinch     | If an impact or blockage occurs during lifting, the anti-pinch function is activated and automatic reverse operation occurs. The error code  will automatically disappear immediately.                                                                         | Before continuing work, carefully check that nothing is blocking the path. If so, remove the obstacle.                                                                                                                                                                                                                                                                                                                                                                                                 |
|  | Motor 1 not working      | Motor 1 or motor 2 is not working when lifting and lowering the lifting table, and the error code "  " is displayed.  is displayed. This may be caused by a faulty signal. | <ul style="list-style-type: none"> <li>Check that the connection between the motor cable and the control unit is OK, and then the connection can be restored using the reset operation.</li> <li>During the reset, the table synchronously retracts, stops at the lowest position, and then rebounds by 5 mm, completing the reset.</li> </ul>                                                                                                                                                         |
|  | Motor 2 not working      |                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|  | Synchronisation failed   | <ul style="list-style-type: none"> <li>When raising and lowering the table, synchronisation fails and the error code "  " is displayed.</li> <li>The height difference between the two lifting posts is greater than 7 mm.</li> </ul>                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|  | Motor 1 is not connected | The motor connection is disconnected or loose.                                                                                                                                                                                                                                                                                                   | <ul style="list-style-type: none"> <li>Insert the motor plug back into the control unit and the display will reset and show .</li> </ul> <p>The current height will then be displayed, and normal operation can be resumed.</p> <ul style="list-style-type: none"> <li>If the motor is in idle mode disconnected from the mains and not in operation, it does not need to be reset after reconnection.</li> </ul> |
|  | Motor 2 is not connected |                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

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| Error code | Definition                       | Description                                                                                     | Layout                                                                                                                  |
|------------|----------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <b>E00</b> | <b>Low voltage</b>               | Power supply overheating protection                                                             | Switch the power back on or pause manual operation for about 5 minutes, and then it will return to normal.              |
|            |                                  | The power supply is exhibiting unusual behaviour                                                | If normal operation does not resume after approximately 5 minutes, the power supply itself is malfunctioning            |
| <b>E40</b> | <b>Position error</b>            | The control system evaluates that the motor movement does not correspond to the motor operation | Restore using the reset operation                                                                                       |
| <b>888</b> | <b>Communication not working</b> | Communication between the controller and the control unit is not working.                       | Check that the connection between the controller and the control unit is correctly and then switch on the power supply. |