

Climbstation remote access user guide

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To install the application, just place the application file containing all included files into your filesystem.

To run the program, double click on the program icon and the Climbstation remote access page opens up.

Description of how to start using the application:

- 1) Select the COM-port where the serial dongle is located.
- 2) Click the connect button to set up the connection to the Climbstation wall.
- 3) Select the function mode Remote / Local.
- 4) To start / stop climbing, click the Start/Stop buttons in Remote mode.
- 5) The Drive to start position function is activated, if the speed set is set to 1 within 5s after a stop command. Now the wall is turned on to find the start position sensor, the wall stops running when the sensor is detected or a 60s timer runs out of time (check description of brake and drive to start pos. functions on page 2). The wall can also be stopped by setting the speed to 0.

The screenshot shows the Climbstation Remote Access application window. The interface includes the following elements:

- Serial Port:** A dropdown menu set to 'COM8' with a 'Close' button.
- Connect:** 'Connect to Climbstation' section with 'Connect' and 'No connection' buttons.
- Function Mode:** 'Set Function Mode' section with 'Local' and 'Remote' radio buttons.
- Start/Stop:** 'Start or stop climbing:' section with 'Start' and 'Stop' buttons.
- Speed Settings:** 'Enter speed: 5' with a 'Set speed' button.
- Monitor Length:** 'Monitor length' section with a value of '0.0 m'.
- Monitor Speed:** 'Monitor speed' section with a value of '0.0 m/min'.
- Angle Settings:** A grid of 10 'Enter Angle' fields (1-10) with corresponding 'Set angle' buttons. Values range from 10 to 55.
- Received Messages:** 'Received msg:' section with a 'Monitor all' button and a 'Close' button.

Callouts provide instructions for these features:

- 1) Select the com-port:** Points to the 'Enter serial port nr.' dropdown.
- 2) Connect to the device:** Points to the 'Connect' button.
- 3) Set the function mode to remote:** Points to the 'Remote' radio button.
- To set speed setting:** -Enter the new speed -click the set speed button (0....20) - Points to the 'Enter speed' field and 'Set speed' button.
- To set angle settings:** -Enter the angle value -click the set angle button (0....65) - Points to the 'Enter Angle' fields and 'Set angle' buttons.
- Check the climbed length:** Points to the 'Monitor length' field.
- Check the climbing speed:** Points to the 'Monitor speed' field.

The climbed length and climb speed are available, by clicking Monitor length or Monitor speed buttons.

The climb angle can be set, by entering the new angle value and then clicking the set angle button. You can create a 10 phase climb, by entering the angle values and then manually clicking the set angle buttons.

A monitor all button is also included and the received messages are displayed in the received msg window.

To close the application, click the Close button.

Brake and drive to start position functions:

