

QUICK START, SERVICE & MAINTENANCE

- Control panel
- Remote control
- KEMARO Web App
- Remote Service Connection
- Daily, weekly, and monthly Maintenance



For tutorials and additional information please scan this code.

CONTROL PANEL

Emergency Stop

Pressing the emergency stop immediately stops the robot. All actuators are de-energized, and the emergency stop button flashes red.

To restart the robot, release the emergency stop by turning the button.

Connection Indicator

Shows the signal strength of the internet connection.

Lights up orange when the service connection is active.

Emptying Indicator

If the symbol lights up (only when monitoring is enabled), the dirt container needs to be emptied.

After reinserting the dirt container, the symbol switches off automatically.

Home Button

The robot automatically returns to its starting position or charging station.

Pressing the button during the homing process stops the robot.

Power Button

Press and hold for 1-2 seconds to switch the robot on (the status ring rotates during startup).

Press and hold for more than 3 seconds to switch the robot off.

Briefly press the button during cleaning to stop the robot.



Cleaning Button

Starts the current cleaning mission.

Pressing the button during cleaning stops the robot.

Status Ring

Meaning of the colors

- No color: Everything is operating normally.
- Orange: Warning - operator interaction is required.
- Red: Error - the robot requires assistance, a restart, or support.
- Blue: Manual operation using the remote control.
- Other colors: Special operating modes, e.g. during startup.

The status ring indicates the robot's current status, the location of an error, or a change of direction (flashing).

After confirming a message by pressing a button, the status ring starts rotating.

Battery Indicator

Shows the current battery level.

The charging process is indicated by flashing.

Service-Symbol

The symbol indicates that a problem has occurred.

Further information is available in the cloud platform (Sphere).

Brush Indicator

The symbol indicates a problem with a brush.

After resolving the issue, the error must be acknowledged by pressing the flashing button.

Buttons - General

Button illuminated: The button is active and can be pressed.

Button flashing: An action is required. Confirm by pressing the button.

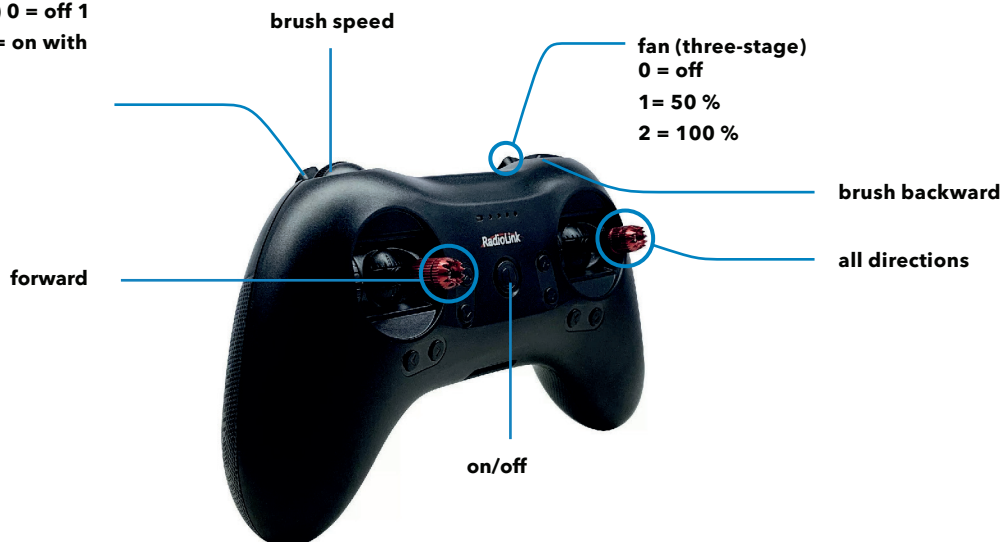
Button off: The button is inactive (it can still be pressed in manual mode).



REMOTE CONTROL

The robot can be controlled manually using the remote control. When doing so, the robot disables its autonomous navigation. As soon as the remote control is switched on and set to active, the status ring lights up blue. The robot will now respond only to commands from the remote control.

RC active (three-stage) 0 = off 1 = on with Blue Spot 2 = on with beeper + flash light



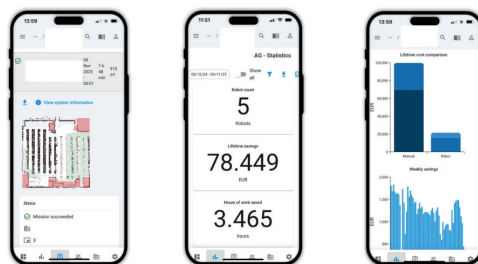
KEMARO Sphere

Sphere is the cloud-based platform for managing and monitoring robot fleets.

With Sphere, users can:

- Create and manage cleaning missions
- View cleaning data and statistics
- Monitor the current status of their robots in real time

With the Sphere app, you can keep an eye on your K700 robots anytime and anywhere.



REMOTE SERVICE CONNECTION



To activate the service connection, the button combination

- 1. STOP**
- 2. HOME**

must be pressed **simultaneously (min 3 sec)**.

As soon as a service connection is established, the maintenance indicator lights up continuously. Hint: if the indicator goes out again shortly afterwards, there is probably a weak or no LTE signal available.



MAINTENANCE

For stable operation, it is necessary to take good care of the robot. Even in the event of a malfunction, it is advisable to first check the steps indicated.

Every 1-2 days



1. Clean the LIDAR. Use a soft cloth.
Do not use aggressive chemicals. Do not scratch the LIDAR.



2. Clean the 3D sensor.
Use a soft cloth.
Do not use aggressive chemicals.
Do not scratch the sensor.



3. Check the roller brush.
Ensure nothing is tangled in the brush.
The brush should rotate freely.

Every 1-2 weeks



1. Check the position of the LIDAR.
The LIDAR should be aligned straight.



2. Check the air filter.
The seal should have no defects.
Clean if necessary using a vacuum cleaner.
Position the seal upwards.

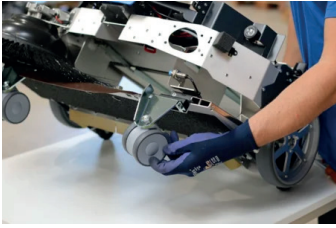


3. Check the front brushes.
Ensure nothing is tangled in any of the brushes.
The brushes must be able to move freely.
You can check this manually by turning them by hand.





4. Clean the charging contacts on the robot using a soft cloth.

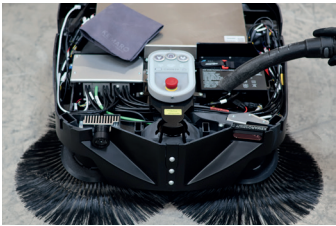


5. Check the function of fall prevention mechanism. Move the swivel castors to ensure they rotate 360 degrees and that they retract and extend properly.



6. Clean the charging contacts on the charging station as well as the reflective stripes.

Every 2-3 months



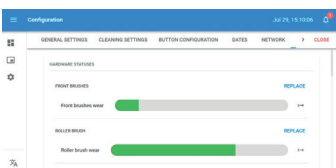
1. Clean the robot.
Use a soft cloth, vacuum cleaner, and compressed air.



2. Check the wear of sweeping lips - front lip, back lip and side lips.



3. Check the cables of the charging contacts.
The cables should be attached firmly.



4. Check the part lifetimes in the Sphere.
If the parts are nearing end of their lifespan but are still in good shape - extend their lifetimes.

If the parts need replacement - contact your distributor or support@kemaro.ch.

