

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

When starting a cleaning program with the control panel, the robot cleans until the battery capacity is low. It then returns to the start position or to the charging station.

Main Button

- Short press to turn the device on. The button will light up as soon as the device turns on. The buttons 1, 2, 3 and Homing will blink while the robot is booting up.
- Press and hold >2 seconds to switch the device off.
- Press and hold >10 seconds to force switch off the device.
- When device is in standby the button will blink.

Homing

- The robot returns to the start position / charging station.

Emptying

- If illuminated the storage tank needs to be emptied. Pressing the button acknowledge the message.

Remote Service Request

- If illuminated the remote service connection is opened.

Stop

- Short press to pause cleaning process.
- Long press to abort cleaning process.



Random Cleaning *



- If the robot encounters an obstacle, it turns in a random direction.

Wall Following Cleaning *



- The robot cleans along the nearest wall.

Random / Wall-Follow Cleaning *



- Combination of random and wall follow cleaning.

* The buttons 1-3 can be configured in the settings.

Battery Indicator

- Indicates the battery level. If the battery is being charged, the display blinks. Switch on the robot to start the charging process.

Error Signal

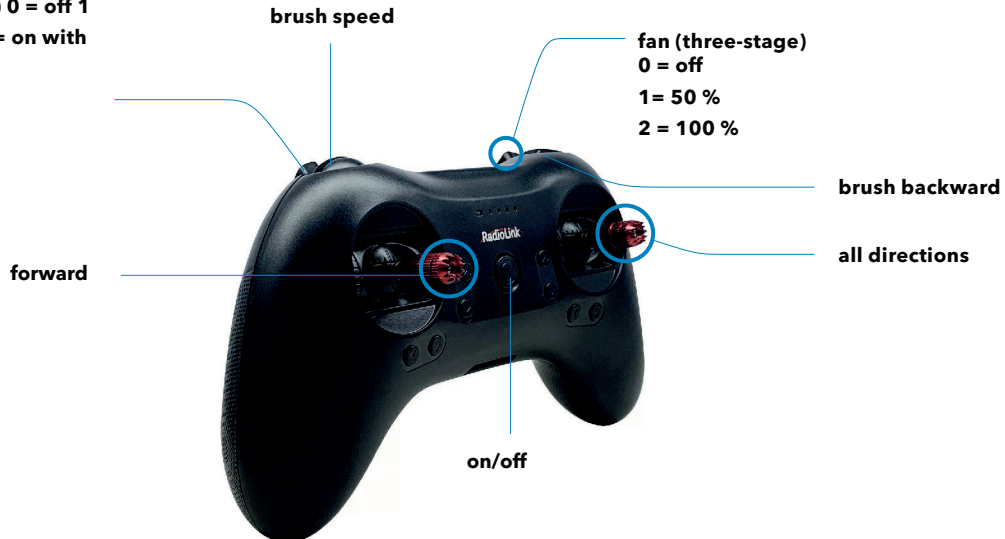
- An error is preventing operation (please view user manual).



REMOTE CONTROL

The robot can be controlled manually with the remote control. In doing so, the robot switches off its autonomous control. As soon as the remote control is switched on and set to active, the keys 1, 2, 3 and Homing light up on the robot. The robot now only responds to the remote control.

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

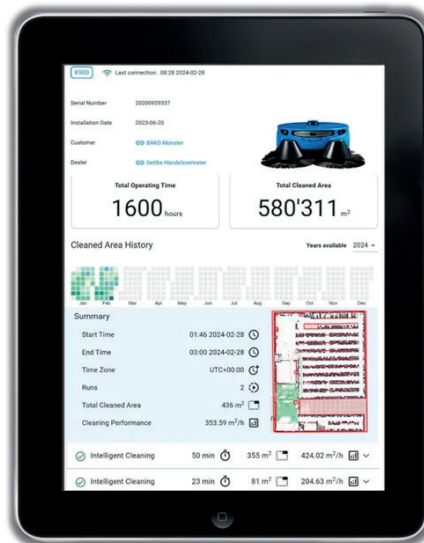


KEMARO WEB APP

Use the WebApp to do a mapping, define cleaning zones and times, configure all robot settings etc.

Login

- Connect to KEMARO Hotspot
- Search the URL 10.0.0.1 in your Browser (Chrome or Edge)



REMOTE SERVICE CONNECTION



To activate the service connection, the button combination

1. STOP
2. HOME

must be pressed **simultaneously**.

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.

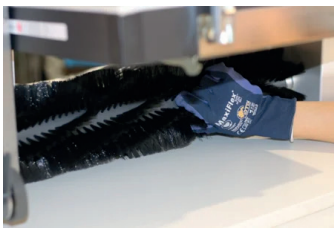
Every 1-2 days



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.

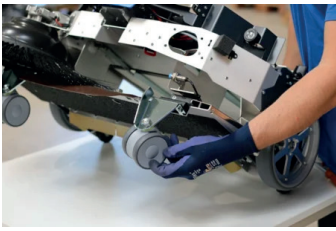


3. Check the front brushes.
Ensure nothing is tangled in any of the brushes.
The brushes should rotate freely - you can check this using the remote controller.





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.

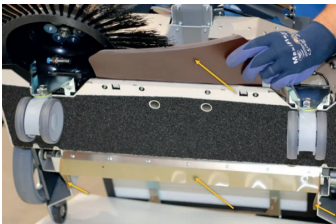


6. Clean the charging contacts on the charging station as well as the reflective stripes.

Every 2-3 months



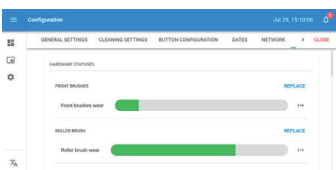
1. Clean the robot.
Use a soft cloth, vacuum cleaner, and compressed air.



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 WebApp.
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.

