

Troubleshooting - alarms

Which alarm is shown on the screen? If you have already left the alarm screen you can go to Settings>Alarm list>Alarm history.

- First marker not found within 500 pulses
- File operation failed during teach
- Robot stuck too many times
- Unexpected PCB reset
- Water turned off due to stuck motors
- File operation failed during recipe edit
- PCB communication failure
- PCB communication watchdog triggered
- Hose reel stuck
- Water pressure too high
- Water pressure too low
- Ongoing wash aborted unexpectedly
- Homing needed

- Battery voltage low
- Over current detected
- Battery idle voltage low

- Marker missed
- Marker magnetic switch failure

- Boom missing pulses in downward direction
- Boom missing pulses in upward direction
- Tower missing pulses in left direction
- Tower missing pulses in right direction
- Wheels missing pulses in forward direction
- Wheels missing pulses in backward direction
- Telescope missing pulses in inward direction
- Telescope missing pulses in outward direction
- Arm missing pulses in inward direction
- Arm missing pulses in outward direction
- Nozzle missing pulses in counter-clockwise direction
- Nozzle missing pulses in clockwise direction
- Reel missing pulses

- Boom stuck in upward direction
- Boom stuck in downward direction
- Tower stuck in right direction
- Tower stuck in left direction
- Wheels stuck in backward direction
- Wheels stuck in forward direction
- Telescope stuck in outward direction
- Telescope stuck in inward direction
- Arm stuck in outward direction
- Arm stuck in inward direction
- Nozzle stuck in clockwise direction

- [Nozzle stuck in counter-clockwise direction](#)
- [Missing zero position sensor for tower](#)
- [Missing zero position sensor for telescope](#)
- [Missing zero position sensor for arm](#)
- [Missing zero position sensor for nozzle](#)

- [Boom unexpected large position change detected](#)
- [Tower unexpected large position change detected](#)
- [Wheels unexpected large position change detected](#)
- [Telescope unexpected large position change detected](#)
- [Arm unexpected large position change detected](#)
- [Nozzle unexpected large position change detected](#)

- [Boom no current detected](#)
- [Tower no current detected](#)
- [Wheels no current detected](#)
- [Telescope no current detected](#)
- [Arm no current detected](#)
- [Nozzle no current detected](#)
- [Reel no current detected](#)

- [Backup to secondary storage failed](#)
- [Remote backup preparation failed](#)
- [Remote backup communication error](#)

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