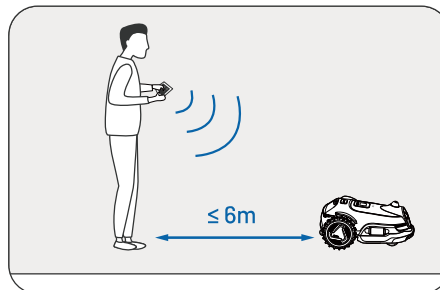


6.1 Create Virtual Boundaries

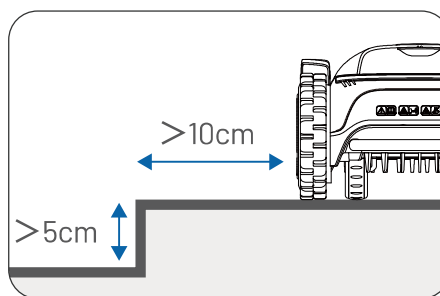
Preparation Tips:

- Do not pick up or move the robot during mapping – it will stop the process
- Do not send the robot back to the charging base until mapping is done
- Keep at least 6 meters behind the robot while it's working

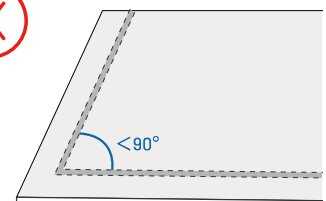
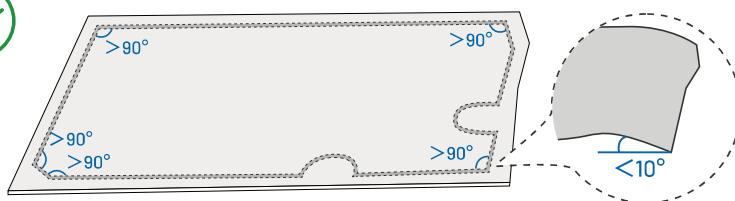


Terrain Tips:

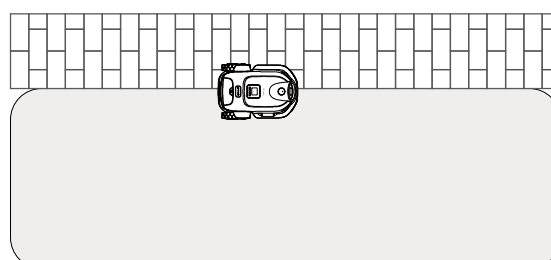
- Maximum slope: 45% (24°)
- Recommended slope for better performance: below 25% (14°)
- Passages narrower than 80 cm should be marked as pathways
- Keep at least 10 cm away from raised edges higher than 5 cm



- Try to keep corners wider than 90° for smoother turns



- If the lawn edge is level with a pathway or paving stones, place the robot so that its wheels partly cross onto the hard surface, ensuring cleaner trimming along the boundary.

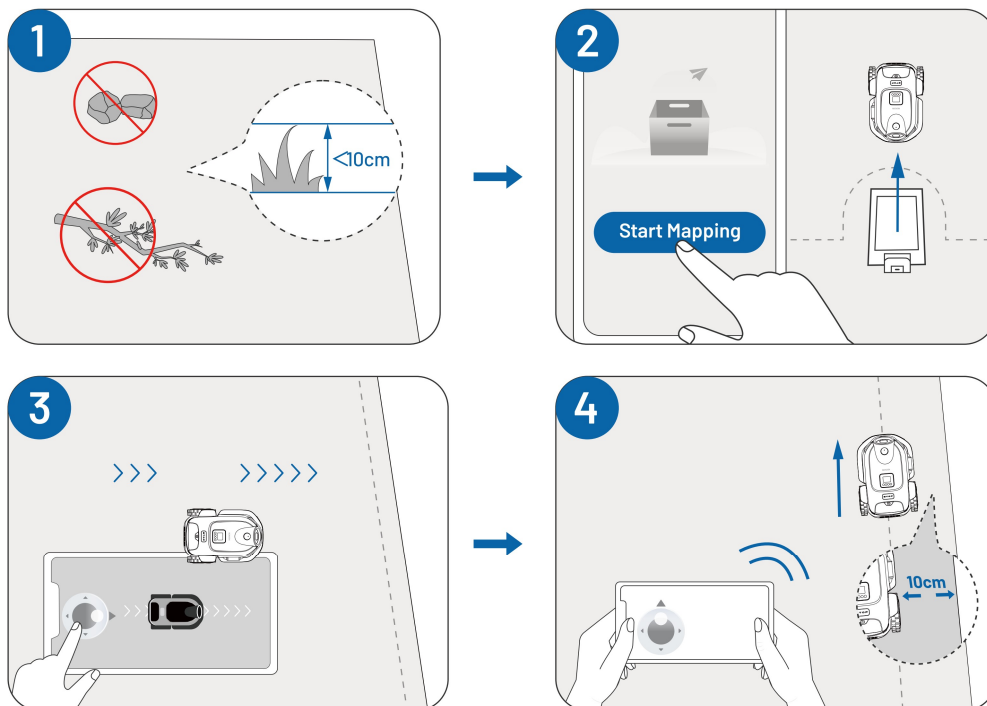
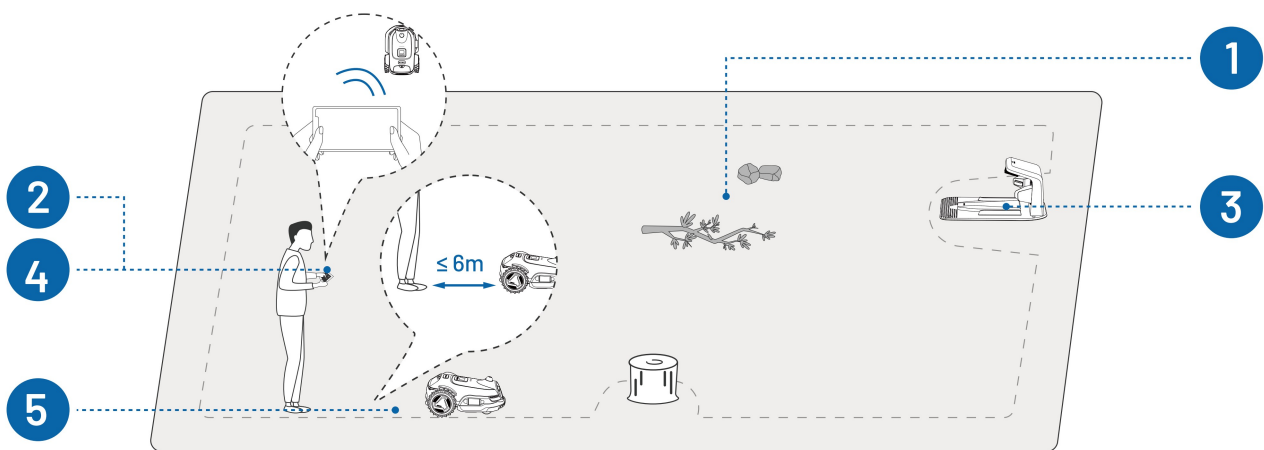


Mapping Steps:

1. In the APP, tap "Start Mapping" to start, the robot will run a short system check.
2. It will automatically leave the charging base once ready.
3. Use the app to manually drive the robot to your lawn's outer edge
4. When ready, set the starting point for boundary creation. After setting the start point, you can choose one of two modes:

Edge-crossing – for maximum coverage, the mower can ride on the edge in order to fully trim the grass along the boundary.

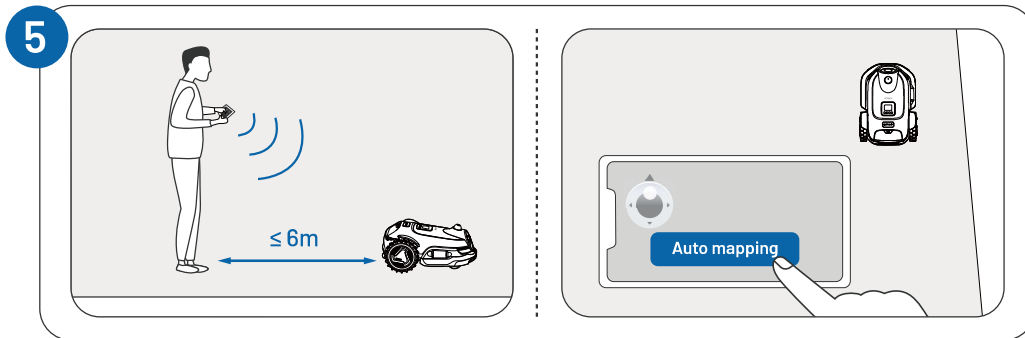
Edge-following – more conservative mapping, if the lawn edge is higher or uneven, keep the robot inside the grass area so it follows the boundary line.



5. Manually guide the mower walking along the edge.

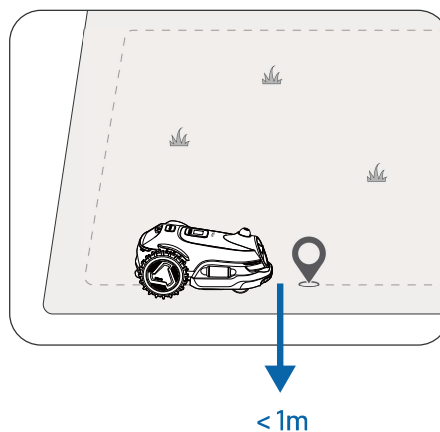
Auto Mapping:

The robot can automatically detect the lawn edge using its optical sensors and Auto Mapping will be triggered. Therefore, the mower can create boundaries automatically by navigating along the edges on its own.

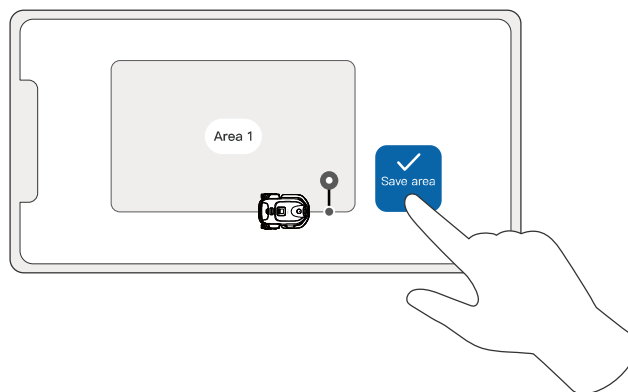


For best results:

- Map during daylight with good visibility
- Keep the front sensors clean
- Watch the process and switch to manual mode if needed



- When the device returns within 1 meter of the start point, tap "Complete Boundary" to finish.

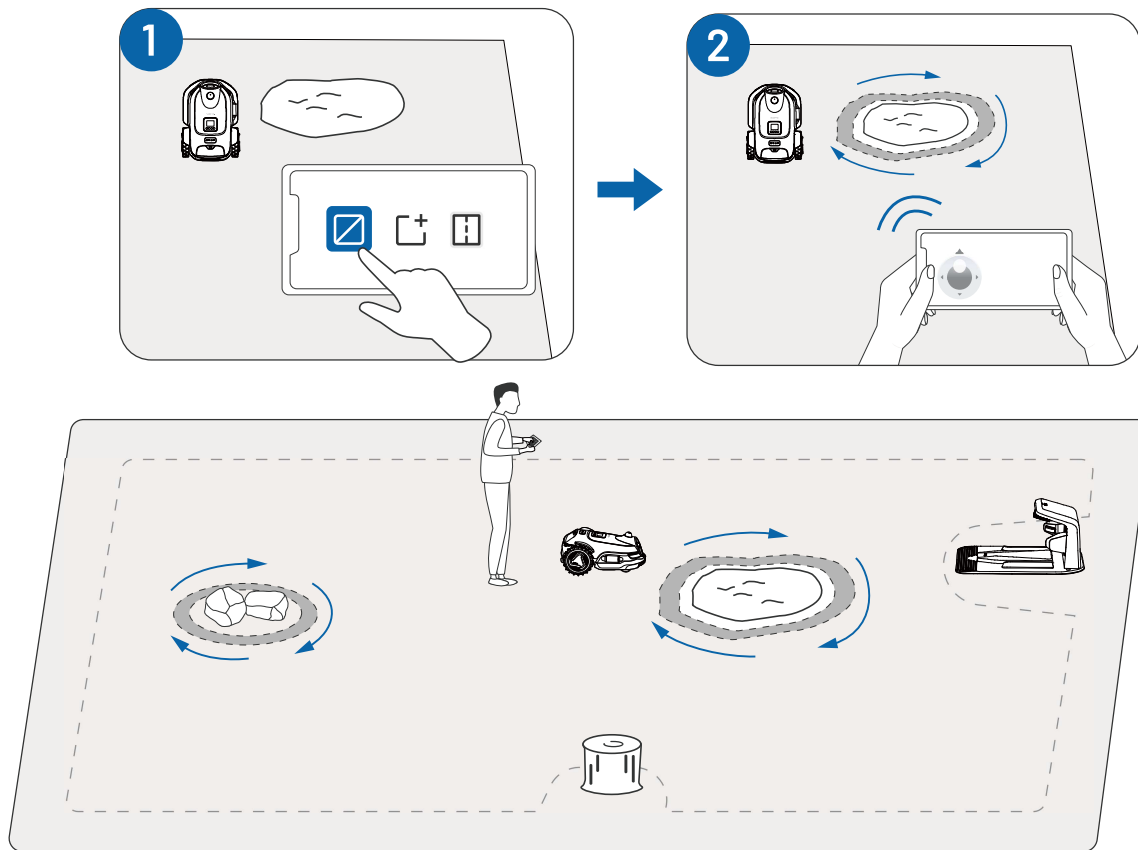


6.2 Set No-Go Zones

Define no-go zones to block areas the robot should avoid including:

- Potential hazard zones (pools, sandboxes)
- Delicate landscaping features (flower beds, vegetable gardens)
- Protective zones around vulnerable objects (trampolines, exposed roots)

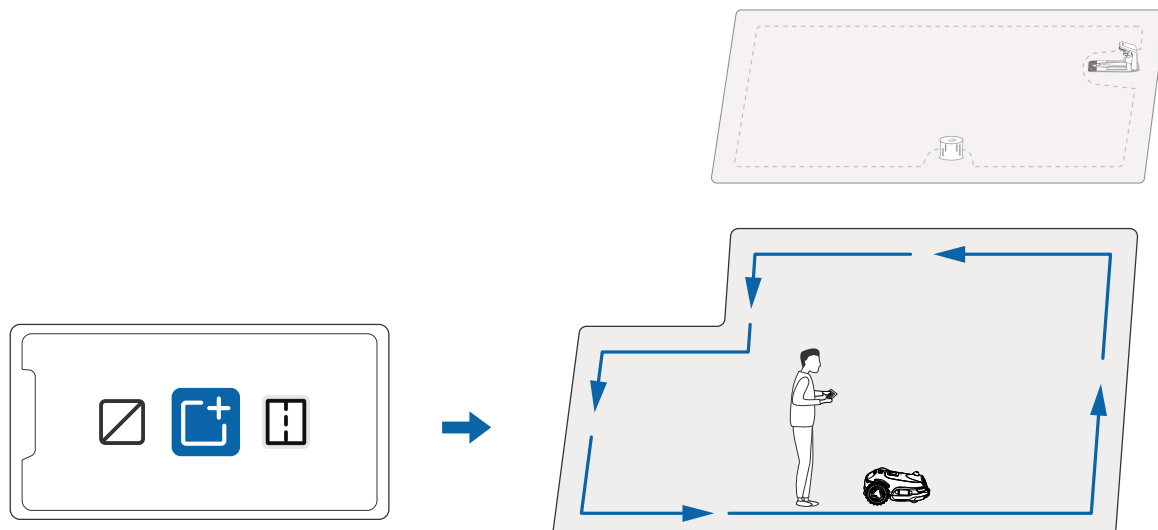
You can add restricted areas during mapping or later via **Map Management** → **Set No-Go Zones**.



6.3 Manage work zones

Add Zones: For lawns separated by paths or driveways, tap “Add Zone”

Split or Merge Zones: In **Map Management** → **Zone Settings**, divide large zones or combine nearby ones

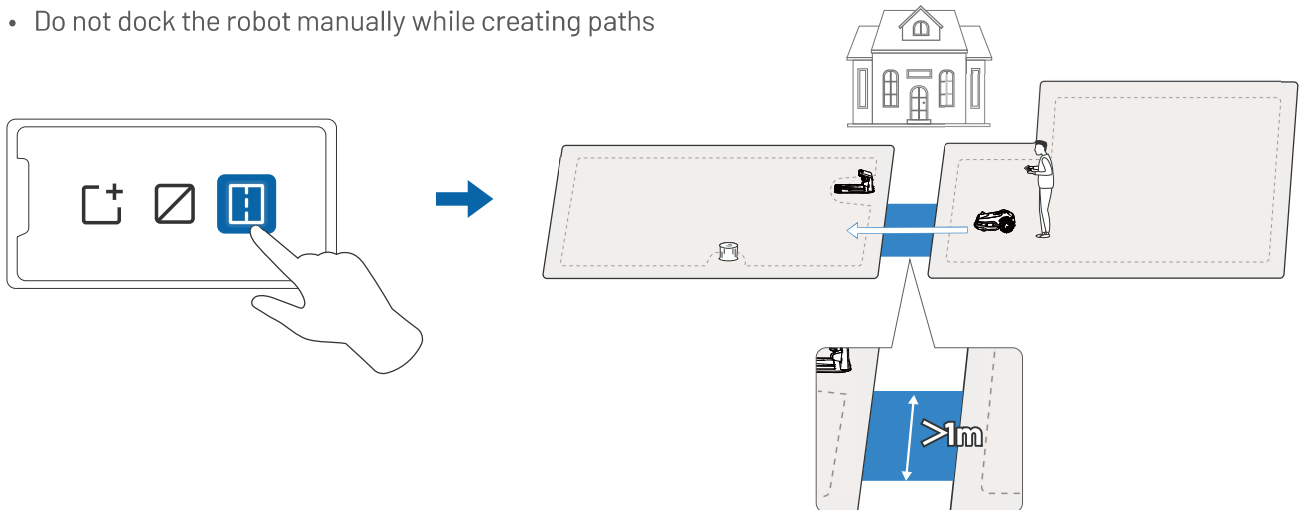


6.4 Create Pathways

Pathways let the robot move between zones without mowing and, between zone and the charger base if you place the charger base outside of the lawn area.

Tips:

- Both ends must connect inside defined zones
- For height differences over 5 cm, add a small ramp
- Align the path correctly to the charging base
- Do not dock the robot manually while creating paths

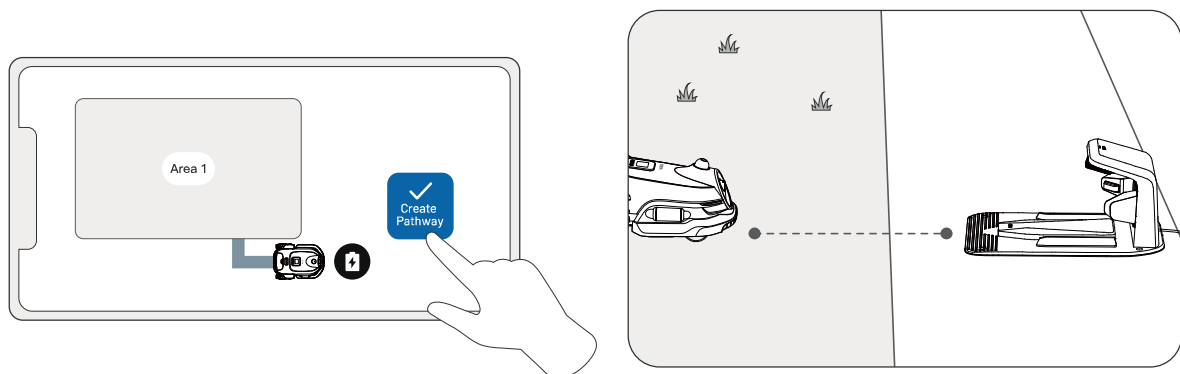


Creating a Pathway to the charging base

If your charging base is placed outside the mowing area, you'll need to create a connection path so the robot can travel between them.

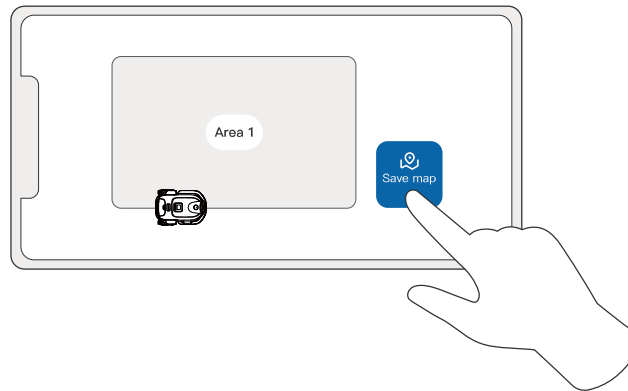
1. Open the Map Editing Menu and select "Add Path."
2. Draw a path with one end inside your mowing area and the other ending directly in front of the charging base.
3. For reliable docking, keep the path straight and properly aligned with the entrance of the charging base.
4. Make sure the path is clear of obstacles or elevation changes.

Tip: During this setup process, do not manually recall the robot to the charging base. Interrupting the process may block the navigation sensor and cause mapping to fail.



6.5 Finalize Your Map

Tap "Save Map" once all work zones, pathways, and restricted areas are properly defined.



6.6 Manage Multiple Maps

For completely separate gardens, create a new map using **"Add New Map."**

Notes:

- Each map has its own schedule and cutting settings
- Consider one charging base per area
- If no pathways connect the gardens, you'll need to move the robot manually between them

7. Operate Your KeenMow K1

System Configuration:

- Use the Keenon App to set your preferred mowing parameters, including: cutting height, efficiency mode, and cutting direction

7.1 Start Mowing

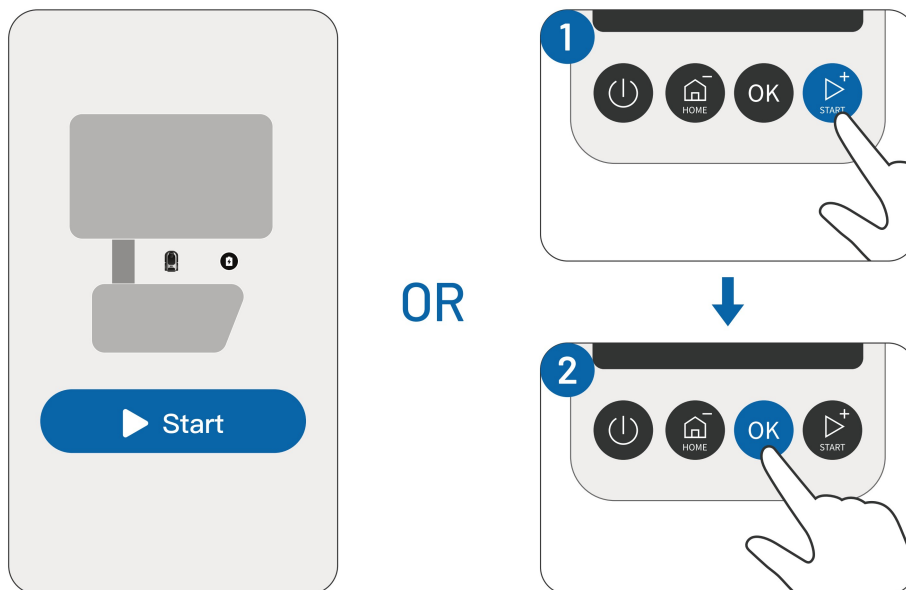
You can start the mowing from the control panel or via the mobile app.

a) Via Control Panel:

1. Press the STOP button to access the control panel.
2. Press "Start" button, then press "OK" within 5 seconds to confirm.
3. The mower will automatically leave the charging base and begin mowing the entire mapped area.

b) Via Mobile App:

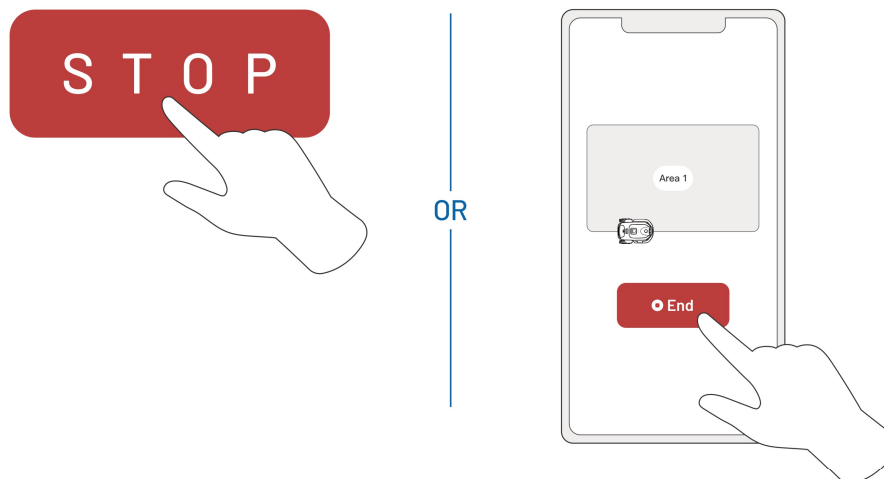
1. Open the keenon app on your mobile phone.
2. Choose your desired mowing configuration.
3. Tap the "Start" command to begin mowing remotely.



7.2 Pause Task

To temporarily halt the mowing task:

- Press the STOP button on the device, or
- Tap "Pause" in the app.



Note:

If you press the physical STOP button, mowing cannot be resumed directly through the app.

To continue, you must restart using the mower's control panel:

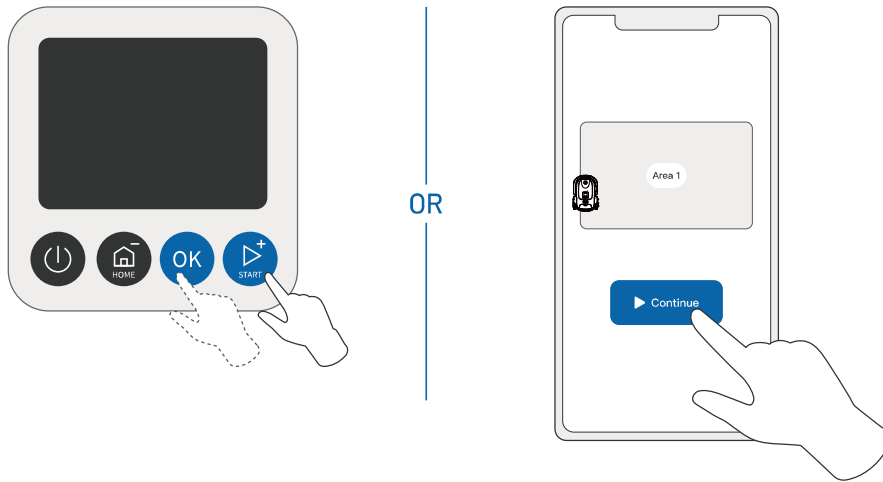
- press "Start" button, then "OK" within 5 seconds to resume mowing, or
- press "Home" button, then "OK" within 5 seconds to go charging.

7.3 Resume Task

To continue a paused task:

1. On the control panel, press "Start" button, then "OK" within 5 seconds to confirm, or
2. In the app, tap "Continue" command.

The mower will automatically return to the point where it was paused and continue mowing.

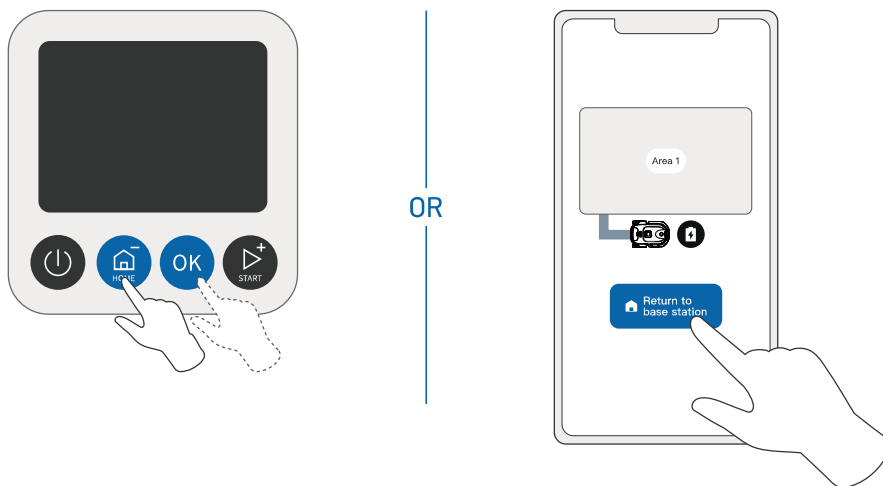


7.4 Return to charging base

To send the robot back to its charging base:

1. On the control panel, press "Home" button, then "OK" within 5 seconds to confirm, or
2. In the app, select the "Return to Base".

The device will automatically navigate back to the charging base and start charging.



8. Keenon App

Account Management

Transfer Device Ownership

To connect the mower to a different account:

1. Open Device Management in the app.
2. Select Remove / Unbind Device.
3. The mower can now be paired with a new account.

Share Access

Want to let someone else control the mower?

1. Go to Device Settings → Share Access.
2. Send an invitation to another registered user.

Manage Your Account

1. To log out or change account settings, open your Profile in the app.
2. Select Log Out or Account Settings, then follow the prompts.

Advanced Features & App Guide

The Keenon App gives you full control of your robotic mower — from scheduling and cutting patterns to security and weather response.

Mowing Modes

You can select different mowing modes directly in the app:

- Complete Area Coverage: Systematically mows the entire defined area.
- Target Zone Mowing: Focuses on specific zones you select.
- Edge Trimming: Cuts precisely along lawn borders for a clean finish.
- Manual Control: Lets you drive the mower in real time from the app.

Scheduling system

Once your garden map is created, the mower automatically suggests an optimized weekly schedule based on lawn size and season.

To adjust your schedule:

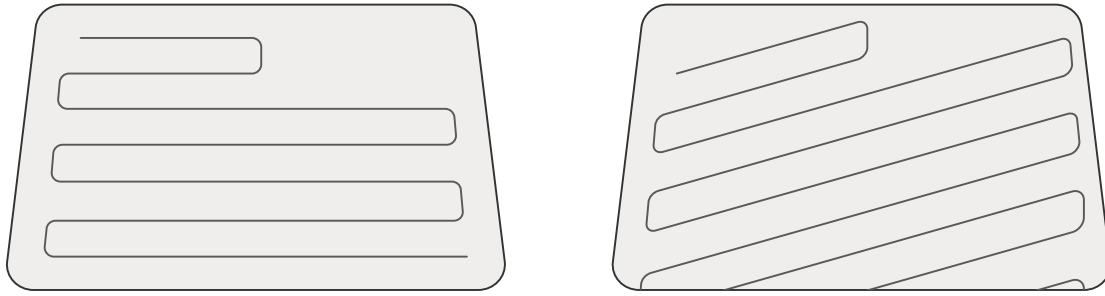
- Open the Scheduling menu in the app.
- Set your preferred mowing times, days, and zones.
- Enable Auto Mode for fully hands-free lawn maintenance.

Tip: You can create different schedules for different zones to balance mowing frequency across the lawn.

Mowing Path Angle

Default: Take the most efficient path recommended by the algorithm as the 0-degree direction.

Customize : The adjustment angle range is from 0 to 180°.



Rain Delay

The rain protection system automatically pauses mowing when rain is detected or forecasted.

- The mower will safely return to the charging base.
- You can adjust the delay duration in the app.

Recommendation:

Extend the default 3-hour delay after rainfall to allow the grass to dry completely for best mowing performance and lawn health.

Security & Protection

Your Your mower includes several built-in safety and anti-theft features:

Tilt Detection

If the mower is lifted or tilted unexpectedly, it will stop immediately and sound an alarm.

Authentication through the control panel is required to restart.

Anti-Theft Alarm

If the mower is removed from its designated work area without authorization, it will trigger an alarm and automatically lock operation.

Location Tracking

Track your mower's live location in the app (available for connected models).

Night Operation

During low-light conditions, the mower's lighting system improves obstacle detection and visibility, helping protect small animals like hedgehogs.

Note:

Keenon continuously releases firmware and app updates (OTA).

Over-the-Air (OTA) updates

Enable Auto Update in your app settings to ensure your system always has the latest features and improvements.