Fault symptoms
If your Landroid does not work correctly, follow the trouble shooting guide below. If the fault persists, contact your dealer. Refer to the Owner’s Manual for component information.

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Cause</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Landroid turns on, but the Blade Disc does not move.</td>
<td>Landroid is searching for the Charging Baseregon: you press the HOME button to make it to the charging base, or the “Favor” button (cut function is operating)</td>
<td>Check the blades and replace if damaged.</td>
</tr>
<tr>
<td>Landroid loses its balance.</td>
<td>Grass is being cut unevenly.</td>
<td>The boundary wire ends are clamped incorrectly. Reverse the boundary wire ends.</td>
</tr>
<tr>
<td>Poor connection caused by debris on the Charging Strip.</td>
<td>Cleaner is too thick.</td>
<td>Clean the Contact Pins located on the Charging Base and the Charging Strip.</td>
</tr>
<tr>
<td>The mower does not charge.</td>
<td>The charging time is far more than 2h.</td>
<td>Increase the height of grass.</td>
</tr>
<tr>
<td>Landroid is shaking heavily.</td>
<td>The grass is too high and too thick.</td>
<td>Check the blade disc and blades, remove debris and foreign objects from the blades and blade disc.</td>
</tr>
<tr>
<td>The clock is not set to the correct time.</td>
<td>The battery may be exhausted or old.</td>
<td>Replace battery.</td>
</tr>
<tr>
<td>Landroid is not operating at the correct time.</td>
<td>The charging protection program has activated due to high temperature.</td>
<td>Place the charging base in a shady area or wait until the temperature has cooled down.</td>
</tr>
<tr>
<td>Landroid is shaking heavily.</td>
<td>The mower does not charge.</td>
<td>The clock is not set to the correct time. Set the clock to the correct time.</td>
</tr>
<tr>
<td>Landroid is not operating at the correct time.</td>
<td>Poor connection caused by debris on the Charging Strip.</td>
<td>Clean the Contact Pins located on the Charging Base and the Charging Strip on Landroid using a cloth.</td>
</tr>
<tr>
<td>The mower does not charge.</td>
<td>Landroid is shaking heavily.</td>
<td>Check the blade disc and blades, remove debris and foreign objects from the blades and blade disc.</td>
</tr>
<tr>
<td>Landroid is shaking heavily.</td>
<td>The clock is not set to the correct time.</td>
<td>Set the clock to the correct time.</td>
</tr>
<tr>
<td>The clock is not set to the correct time.</td>
<td>Poor connection caused by debris on the Charging Strip.</td>
<td>Clean the Contact Pins located on the Charging Base and the Charging Strip on Landroid using a cloth.</td>
</tr>
<tr>
<td>The mower does not charge.</td>
<td>Landroid is shaking heavily.</td>
<td>Check the blade disc and blades, remove debris and foreign objects from the blades and blade disc.</td>
</tr>
<tr>
<td>Landroid runs outside the boundary wire.</td>
<td>The green light on the Charging Base turns on before charging is complete.</td>
<td>The green light on the Charging Base turns off.</td>
</tr>
<tr>
<td>Landroid runs outside the boundary wire.</td>
<td>Landroid runs outside the boundary wire zone.</td>
<td>Landroid reduces or rotates erratically near the boundary wire.</td>
</tr>
<tr>
<td>Landroid runs outside the boundary wire zone.</td>
<td>Landroid runs outside the boundary wire zone.</td>
<td>Landroid reduces or rotates erratically near the boundary wire.</td>
</tr>
<tr>
<td>Landroid runs outside the boundary wire zone.</td>
<td>Foreign obstacles such as rocks and branches may be lodged underneath Landroid.</td>
<td>Remove foreign objects from underneath Landroid.</td>
</tr>
<tr>
<td>The lawn is too wet.</td>
<td>The lawn is too wet.</td>
<td>Weigh until lawn is dry.</td>
</tr>
<tr>
<td>The boundary wire is positioned on areas with high temperature.</td>
<td>The boundary wire is positioned on areas with high temperature.</td>
<td>Place the boundary wire in a shady area or wait until the temperature has cooled down.</td>
</tr>
</tbody>
</table>

Programming and troubleshooting guide

Control Panel and menu

Start the Landroid using normal operation and charging.

Stop
To stop the Landroid during normal operation and charging.

Menu overview

HOMEPAGE
Displays the state of your Landroid.

START
Number PAD
Input numbers to set sate, time.

STOP
Shortcuts key to turn the Landroid on and off

Return
Back to procedure menu
Select up
Select down
OK
Confirms any setting
Enter the menu
Note: Make sure you confirm your selection within 10 seconds of the display to return to previous menu.

Quick Start

Programming
To program your Landroid, simply follow the step by step guide below.

Setting
If you want to change the working time and other settings, please follow the steps below.

1. General setting

Press OK on HOMEPAGE to enter the sub menu.
Note: When your Landroid is charging, please press STOP first, then press OK to enter the sub menu.

Note: Set date and Set time are two compulsory setting items. If you don’t set these two items, it will influence the Schedule Time in the following setting.

1.1 Language
Select the appropriate language by using the ▼ ▲ keys, then press OK.

1.2 Time format
Select date format: DD-MM, 5TH format: dd-MM, or 24H format: MM-DD-DD. By using the ▼ ▲ keys, then press OK.

1.3 Data format
Select S/PPD: M/D/Y, M/D, or D/M/Y. By using the ▼ ▲ keys, then press OK.

1.4 Set date & time
Press OK first, then the number is blinking, please the number directly or use the ▼ ▲ keys to select, then press OK to confirm and then this Landroid will start working.

1.5 Rack start/Deceleration
When it rains, Landroid will return to the charging base to wait the rain stops and the rain sensors are dry. When dry, Landroid will automatically begin the delay start countdown and then return to move. Press OK, then, when the number is blinking, input the number of minutes from 0-180minutes. Note: If the “1st” is set to E, Landroid will continue moving.
Function messages

1. Auto work time

Use the keys to select the area. The working time will be automatically set according to the size of your garden. Then press OK. Wall A will appear in front of the option you selected. Auto work time per week will be displayed on the bottom as "need to know.

You can find more details about default work time of Landroid®M in the following table:

<table>
<thead>
<tr>
<th>Area</th>
<th>Auto work time schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area 1</td>
<td>Monday 9:30-11:30 / Tuesday 9:30-11:30</td>
</tr>
<tr>
<td>Area 2</td>
<td>Wednesday 9:30-11:30 / Thursday 9:30-11:30</td>
</tr>
<tr>
<td>Area 3</td>
<td>Friday 9:30-11:30 / Saturday 9:30-11:30</td>
</tr>
<tr>
<td>Area 4</td>
<td>Sunday 9:30-11:30</td>
</tr>
</tbody>
</table>

1. Security

1. Change PIN code

Using the keys to select then press OK. Type the PIN code, then press OK. Then type your PIN and repeat it.

2. Alarm level

Use the keys to select the alarm volume setting. High = loud setting (60-70dB), Low = quiet setting (40-50dB).

Your PIN code

Error messages

1. Outside working area

1. Turn power off.
2. Turn Landroid®M upside down and check if there's anything preventing the blade disc to rotate.
3. Remove any possible obstruction.
4. Turn Power on.
5. If the error message is still displayed, turn power off, turn Landroid®M upside down and check if there's any debris causing a blockage in the top cover.
6. Remove any possible obstruction, turn Landroid®M upright, turn power on.
7. If the problem persists, turn Landroid®M off, and take it to an area free from obstacles.
8. Turn power on. If the error message is still displayed, turn power off, turn Landroid®M upside down and check if there's anything lifted up.
9. Remove any possible obstruction, turn Landroid®M upright, turn power on.

2. Wheel motor blocked

1. Turn Power off.
2. Take Landroid®M out of any free from obstacles.
3. Turn Power on.
4. If the error message is still displayed, turn power off, turn Landroid®M upside down and check if there's any debris causing a blockage in the top cover.
5. Remove any possible obstruction, turn Landroid®M upright, turn power on.

3. Trapped

1. Turn power off.
2. Take Landroid®M to a safe area free from obstacles.
3. Turn Power on.
4. If the error message is still displayed, turn power off, turn Landroid®M upside down and check if there's anything preventing the wheels from rotating.
5. Remove any possible obstruction, turn Landroid®M upright, turn power on.

4. Lifted up

1. Turn power off.
2. Take Landroid®M to a safe area clear of obstacles.
3. Turn Power on.
4. If the error message is still displayed, turn power off, turn Landroid®M upside down and check if there's anything preventing the blades from rotating.
5. Remove any possible obstruction, turn Landroid®M upright, turn power on.

5. Inside working area

1. The contact between the Charging and Contact Pins may be obstructed in some way.
2. Wipe off the Charging and Contact Pins, making sure there is not an object obstructing them, then place your Landroid®M in the charging base and check that the Pins make good connection.

6. PSI code error

Refer to the "Function setting".

7. Battery very low

1. This means that there is low battery voltage.
2. In this case you must turn Landroid®M off and place it in the Charging base, then "charging" will be shown on screen, which means it starts charging.
2. Working time

2.1 Auto work time

Use the [ ] keys to select the area. The working time will be automatically set according to the size of your garden. Then press [OK]. A will appear in front of the option you selected. Auto work time per week will be displayed on the bottom as “need total.”

You can find more details about different work time of Landroid®M in the following table.

<table>
<thead>
<tr>
<th>Area</th>
<th>Sq.ft</th>
<th>Auto mowing runtime - hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000</td>
<td>3</td>
<td>9:00-10:30</td>
</tr>
<tr>
<td>2000</td>
<td>7</td>
<td>9:00-10:24</td>
</tr>
<tr>
<td>3000</td>
<td>8</td>
<td>9:00-10:36</td>
</tr>
<tr>
<td>4000</td>
<td>11</td>
<td>9:00-11:12</td>
</tr>
<tr>
<td>5000</td>
<td>13.5</td>
<td>9:00-11:42</td>
</tr>
<tr>
<td>6000</td>
<td>16.5</td>
<td>9:00-12:18</td>
</tr>
<tr>
<td>7000</td>
<td>19</td>
<td>9:00-12:48</td>
</tr>
<tr>
<td>8000</td>
<td>21.6</td>
<td>9:00-13:18</td>
</tr>
<tr>
<td>9000</td>
<td>24.3</td>
<td>9:00-13:54</td>
</tr>
<tr>
<td>10000</td>
<td>27</td>
<td>9:00-14:24</td>
</tr>
</tbody>
</table>

2.2 Customize work time

You can customize the work time with this setting.

Use the [ ] keys to select the day of week, then press [OK]. When the numbering is inputted, input the starting time and working hours. If you want Landroid®M to mow on a particular day, press [OK] to confirm your setting and the number will stop blinking.

Press [OK] and use [ ] keys to set other weekdays work time.

2.3 Auto work time adjustment

If you did not fill in with the above setting, there’s a shortcut to adjust the working time. Return to HOME PAGE and use the [ ] keys to adjust the working time. The overall working time will be adjusted in increments of 10% of the overall working time.

Tips: Working time adjustment

2.4 Customize work area

For a garden divide into several areas which are connected by narrow paths (at least 3 ft (1 meter) wide). It is recommended to use “Customize work area” setting. The blade will not move at all in the unseparated areas as easily can be avoided.

You can have a maximum of 8 areas.

Without this setting, the area far from the charging base may be mowed less frequently than the one near the charging base.

In this setting, one can program Landroid®M to have a start point and end point in a separated area. Landroid®M will go along the boundary wire until it reaches the start point, then it will start to mow, as shown in Fig. 4.

The amount of time Landroid®M will spend in each area can be influenced by the “Square” setting.

2.5 Set the areas

After finishing the measurement, enter the “Customize work area” setting (Fig. 2).

Press [OK] first, then input the number of areas (in this example, 3), as shown in Fig. 3. Press the [OK] button to confirm and the number will stop blinking.

Input corresponding distances for each area. The second “Square” which means the mowing time in each area should be proportioned to the size of each area.

Notes: the total “Square” should add up to 100%

After these steps are completed, “Searching working area” will be displayed when Landroid®M starts to mow. It means that you have successfully made the “Customize work area” setting.

Notes: If Area 1 is set to be 0-0 ft and Landroid®M wants to move to Area 1, it will go directly to Area 1 without mowing the boundary wire.

If your garden has 4 separated areas, just use the same method to measure the distance between the charging base and respective start points. Then set the menu accordingly.

Optionally, you can also use your Landroid®M to measure the distance.

Press Landroid®M on the boundary wire, close to the back of the charging base, as shown in Fig. 5. Press [OK] and Landroid®M will move along the boundary wire. When it reaches required start point, press [STOP] button and press [OK].

The user interface will appear in the display (Fig. 6), and confirm the distance at the bottom of Fig. 6.

Make a note of this distance (marked at 11). Then press [OK], close the cover and Landroid®M will continue to move from start point 1. When it reaches start point 2, make a note of the distance (marked at 12). Use the same method to measure the distance between start point 2 and start point 3 (marked at 13), start point 3 and start point 4 (marked at 14).

Distance from the charging base

Area 1 Area 2 Area 3 Area 4

| Distance | 5 ft | 5 ft | 5 ft | 5 ft |

2.6 Enable boundary cut

If boundary cut function is enabled, Landroid®M will mow the grass along the boundary wire once a week.

Select [YES] to activate/deactivate the boundary cut function.

Notes: If this function will operate only in working time schedule with Landroid®M fully charged.

2.7 Battery very low

This means that the battery voltage is low. Battery will be charged.

2.8 Error messages

1. If Landroid®M is actually outside its territory: turn power off, take the Landroid®M inside its territory. Turn power on.

2. If Landroid®M is inside its territory, check the LED on the charging base is green. If not, check the charging base is connected properly to the charger and the charger is connected to a suitable power supply. If so, it means that the boundary wire ends are clamped incorrectly, and you need to reverse them.

3. If the LED light flashes green, check the boundary wire is well connected to the clamps to the charging base. If the problem persists, check that the boundary wire hasn’t been cut.

Refer to the “Programming” section to re-set your PIN.

1. Turn power off.

2. Turn Landroid®M upside down and check if there's anything preventing the blade disc to rotate.

3. Remove any possible obstruction.

4. Turn Landroid®M upright and take it to an area with short grass or adjust the cutting height.

5. Turn power on.

1. Turn power off: take Landroid®M in an area free from obstacles.

2. Turn power on.

3. If the error message is still displayed; turn power off; turn Landroid®M upside-down and check if there's anything preventing the wheels from rotating.

4. Remove any possible obstruction, turn Landroid®M upright, turn power on.

1. Turn power off.

2. Take Landroid®M to a lawn area clear of obstacles.

3. Turn power on.

4. If the error message is still displayed; turn power off; turn Landroid®M upside-down and check if there's any debris causing a blockage in the top cover.

5. Remove any possible obstruction, turn the Landroid®M upright, turn power on.

1. Turn Landroid®M upright.

2. If still not work,

   First, position the mower on a horizontal surface.

   Press Key “2” to enter the diagnosis interface, and press Key “5” for a few seconds until the three numbers 1, 2, & 3 highlighted below turn back to zero. (See Fig. A)

   1. The contact between the Charging and Contact Pins may be obstructed in some way.

   2. Wipe off the Charging and Contact Pins, making sure there is not an object obstructing them, then place your Landroid®M in the charging base and check that the Pins make good connection.
Fault symptoms

If your Landroid® does not work correctly, follow the trouble shooting guide below. If the fault persists, contact your dealer. Refer to the Owner’s Manual for Landroid® series model information.

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Cause</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Landroid® turns on, but the Blade Disc does not move.</td>
<td>Landroid® is searching for the Charging Base (except that you press the HOME button to make it to go to the Charging Base, or the “Enable boundary cut” function is operating).</td>
<td>Check the Blades, and replace them if damaged. Remove debris and foreign objects from the Blades and blade disc.</td>
</tr>
<tr>
<td>blades are damaged. Check condition of the Blade Disc.</td>
<td>This is normal. Landroid® needs to recharge, the Blade Disc does not rotate while it is searching for the Charging Base automatically.</td>
<td></td>
</tr>
<tr>
<td>Landroid® does not work enough hours per day.</td>
<td>There is no power. Check the power cord is connected properly to the charger and the charger is connected to a suitable power supply.</td>
<td></td>
</tr>
<tr>
<td>Moving area is too big.</td>
<td>Poor connection caused by debris on the Charging Strip. Clean the Contact Pins located on the Charging Base and the Charging Strip on Landroid® using a cloth.</td>
<td></td>
</tr>
<tr>
<td>There is a build-up of grass in the Blade Disc or Motor Frame</td>
<td>Make sure the Blade Disc rotates easily. If needed, you may take off the Blade Disc and then remove the debris. See How to Clean.</td>
<td></td>
</tr>
<tr>
<td>The LED light on the Charging base does not turn on.</td>
<td>The Boundary Wire is connected.</td>
<td>Clean the Blade Disc and blade, remove debris and foreign objects from the blades and blade disc.</td>
</tr>
<tr>
<td>The Green light flashing on charging base.</td>
<td>This is normal. The mower does not charge.</td>
<td>Replace the battery.</td>
</tr>
<tr>
<td>The boundary wire ends are clipped incorrectly.</td>
<td>Reversing the boundary wire ends.</td>
<td></td>
</tr>
<tr>
<td>The charging time is far more than 2h.</td>
<td>Poor connection caused by debris on the Charging Strip. Clean the Contact Pins located on the Charging Base and the Charging Strip on Landroid® using a cloth.</td>
<td></td>
</tr>
<tr>
<td>The charging protection program has activated due to high temperature.</td>
<td>The charging protection program has activated due to high temperature.</td>
<td></td>
</tr>
<tr>
<td>The mower does not charge.</td>
<td>There is no power.</td>
<td>Check the power cord is connected properly to the charger and the charger is connected to a suitable power supply.</td>
</tr>
<tr>
<td>Landroid® is starting to have shorter runtime between charges.</td>
<td>Does not operate correctly while manually charging. Refer to manual charging in Owner’s manual.</td>
<td></td>
</tr>
<tr>
<td>The Green light on the Charging base turns ON before charging is complete.</td>
<td>The charging base is overheating, the LCD will display “Over temperature”.</td>
<td></td>
</tr>
<tr>
<td>Landroid® is shaking heavily.</td>
<td>Place the charging base in a shady area or wait until the temperature has cooled down.</td>
<td></td>
</tr>
<tr>
<td>The battery may be exhausted or old.</td>
<td>Replace battery.</td>
<td></td>
</tr>
<tr>
<td>Landroid® is moving at the correct time.</td>
<td>The clock is not set to the correct time. Set the clock to the correct time.</td>
<td></td>
</tr>
<tr>
<td>Landroid® is moving at the correct time.</td>
<td>Programmed cutting times for Landroid® are not correct. Change the setting for the mower to start and stop.</td>
<td></td>
</tr>
<tr>
<td>Landroid® turn not correctly with the Charging Base.</td>
<td>Restart Landroid®.</td>
<td></td>
</tr>
<tr>
<td>Poor connection caused by debris on the Charging Strip.</td>
<td>Clean the Contact Pins located on the Charging Base and the Charging Strip on Landroid® using a cloth.</td>
<td></td>
</tr>
<tr>
<td>The Green light on the Charging base turns ON before charging is complete.</td>
<td>The charging base is overheating, the LCD will display “Over temperature”.</td>
<td></td>
</tr>
<tr>
<td>The boundary wire is too long.</td>
<td>Place the charging base in a shady area or wait until the temperature has cooled down.</td>
<td></td>
</tr>
<tr>
<td>Landroid® runs outside the boundary wire. Landroid® does not operate correctly if it is a boundary wire zone. Landroid® reversing or rotate erratically near the boundary wire.</td>
<td>The boundary wire of another Landroid® robotic mower is positioned too closely. Contact service agent.</td>
<td></td>
</tr>
<tr>
<td>Landroid® exists skid or damage.</td>
<td>Remove foreign objects from underground of Landroid®.</td>
<td></td>
</tr>
<tr>
<td>Landroid® exits the boundary wire due to high speed when going down a hill.</td>
<td>The Boundary Wire is placed on a slope steeper than 25%(15°). Place the charging base in a shady area or wait until the temperature has cooled down.</td>
<td></td>
</tr>
</tbody>
</table>

Quick Start

Press and hold Landroid® turns on and input the default PIN 0000. Press and close the cover to start charging. Once you press the home button to make it go to the charging base, at the same time it will move the grass near the boundary wire. Landroid® will work continuously until battery is low and then it will return to the charging base. Once charging is complete, Landroid® will automatically resume mowing or it will stay in the charging base if it has finished mowing as scheduled.

Programming

To program your Landroid®, simply follow the steps by side guide below.

Setting

If you want to change the working time and other settings, please follow the steps below.

1. General setting

Press OK on HOMEPAGE to enter the submenu.

Notes: When your Landroid® is charging, press on STOP first, then press OK to enter the submenu.

Note: Set Date and Set time are two compulsory setting items. If you don’t set these two items, it will influence the Scheduled time in the following setting.

1.1 Language

Select the appropriate language by using the keys, then press OK.

1.2 Time format

Select date and time format by using the keys, then press OK.

1.3 Data format

Select Date Format DD-MM-YYYY, Month-Date-Year, or MM-DD-YYYY by using the keys, then press OK.

1.4 Set date & time

Press OK first, then the number is blinking, press the number directly or use the keys to set the actual time or date, then press OK to confirm and the number will stop blinking.

1.5 Start Delay time

When rains, Landroid® will return to the charging base to wait till the rain stops and the rain sensors are dry. When dry, Landroid® will automatically begin the delay start operation and then return to mowing. Press OK first, when the number is blinking, input the number of minutes from 5-9999 minutes.

Note: The “time” is to be set of Landroid® will continue mowing.