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> ANTHBOT Genie600E Robot Lawn Mower Instruction Manual

## ANTHBOT Genie600E

# ANTHBOT Genie600E Robot Lawn Mower Instruction Manual

Your Lawn, Perfected

## INTRODUCTION

Welcome to the ANTHBOT Genie600E Robot Lawn Mower instruction manual. This document provides essential information for the safe and efficient operation, setup, and maintenance of your robotic lawnmower. Please read this manual thoroughly before using the product.

## SETUP AND INSTALLATION

### 1. Unboxing and Components

Upon receiving your ANTHBOT Genie600E, carefully unbox all components. The package includes the robotic lawn mower, charging station, RTK base station, power adapter, extension cable, ground screws, pegs for cable, Allen key, and spare blades. Ensure all parts are present before proceeding.

# Quick Installation



1 Select RTK Location



2 Set Up Network, Install RTK and Charging Station



3 Mapping the Mowing Area



4 Start Global Mowing

Image: Quick Installation Guide showing steps for RTK location, network setup, mapping, and starting global mowing.

## 2. Finding an Unobstructed Area for RTK Base Station

The RTK base station requires an unobstructed view of the sky for optimal GPS signal reception. Place it in an open area, away from tall buildings, dense trees, or other structures that may interfere with the signal. Ensure it is within range of your Wi-Fi network or has good 4G coverage.

## 3. Charging Station Placement

Place the charging station on a flat, level surface in your lawn area. Connect the power adapter and extension cable as needed. Secure the charging station to the ground using the provided ground screws.

## 4. App Operation and Mapping

Download the ANTHBOT app from your device's app store. Follow the in-app instructions to add your device. The mower supports both automatic and manual mapping. For automatic mapping, the mower uses its 4-camera system to identify boundaries and create optimal cutting routes. For manual mapping, you can guide the mower using the app to define specific zones and no-go areas.



Image: Two panels illustrating Auto ACC Mapping (one-touch start) and Manual Mapping via the app, highlighting no complex boundary installation.

## OPERATING INSTRUCTIONS

### 1. Host Operation

Unlock the mower using the default PIN code (0000) or your custom code. Press the 'Mow' button to start global mowing. The mower will return to the docking station automatically when its task is complete or battery is low.

### 2. Adjusting Cutting Height

The cutting height can be adjusted via the mobile app. The ANTHBOT Genie600E offers a range of cutting

heights from 1.18 inches (30mm) to 2.76 inches (70mm).

### 3. Multi-Zone and No-Go Zone Management

Customize mowing settings for up to 20+ lawn zones through the Smart App. You can define specific areas as 'no-go zones' (e.g., around swimming pools) to prevent the mower from entering these areas, enhancing safety and accuracy.



Image: An aerial view illustrating multi-zone management with defined mowing times for each zone and a central 'no-go zone'.

### 4. Intelligent Hosting Mode

Activate Intelligent Hosting Mode via the app for automated lawn care. The mower will intelligently generate and adjust mowing schedules based on your lawn's size, seasonal changes, location, weather conditions, and time, ensuring scientific lawn maintenance.

## KEY FEATURES

### RTK+4-Eye Vision Accurate Positioning System

The ANTHBOT Genie600E utilizes Full Band RTK and human-like 3D vision positioning technology for reliable, high-precision navigation. This dual positioning system ensures uninterrupted mowing, even in areas with weak or no GPS signals, such as under dense trees or near buildings.

**RTK & VSLAM 3D Vision System**  
Delivers High-precision Positioning  
To Ensure Genie Work Efficiently

More Stable Singnal by Full Band RTK

ANTHBOT

VS

OTHERS

Two Band by Others

**In GPS Blind Spots**  
When the signal is blocked,  
VSLAM 3D Vision System Works.

Our 4-Camera

300°  
3D Vision

Blind spot

Blind spot

Other Single Camera

**Awards & Honors**

IFA 2025 Honoree

BEST IN SHOW

houseofreest IFA INNOVATION AWARD 2025

Computer Messe Highlight 2025

NETZWELT INNOVATION AWARD IFA 2025

Image: A graphic illustrating the RTK & VSLAM 3D Vision System, showing satellites communicating with the mower and a comparison of 4-camera 3D vision versus single camera blind spots.

### No Perimeter Wires

This robotic lawn mower operates without the need for perimeter wires, simplifying setup and eliminating the hassle of installation and maintenance associated with traditional robotic mowers.

### Intelligent Obstacle Avoidance

Equipped with a 300° field-of-view camera and built-in AI algorithms, the mower can detect over 1000 types of

common garden objects. This ensures strong obstacle avoidance capabilities, maintaining a safe distance from animals and preventing collisions.



Image: A visual representation of the mower's 4-Camera Vision and AI Smart Obstacle Avoidance, showing it detecting various garden objects.

## Additional Functions

- **Cut to Edge:** Ensures precise mowing along lawn edges.
- **45% (24°) Slope Climbing Ability:** Capable of navigating sloped terrain.
- **Anti-Theft Design:** Features a system to prevent unauthorized use or theft.

# More Functions

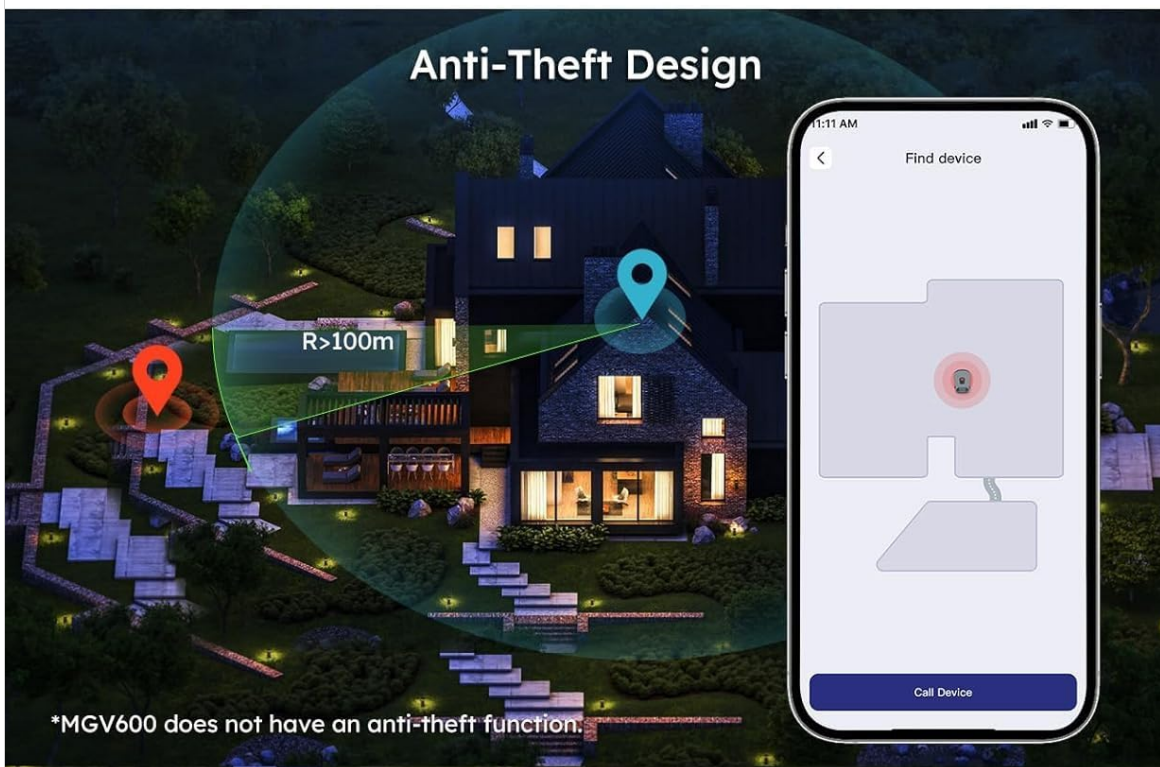


Image: A composite image demonstrating the mower's ability to cut close to edges, climb slopes, and its anti-theft features with app integration.

## MAINTENANCE

### 1. Blade Care

The mower is equipped with five razor blades that can be flipped over to utilize both sides, extending their lifespan. Regularly inspect blades for wear and replace them as needed using the provided screwdriver and spare blades.

### 2. Rain Sensor

The built-in rain sensor detects precipitation and automatically directs the mower back to its charging station. Mowing in wet conditions is generally not recommended, but this feature can be disabled via the app if

desired.

## TROUBLESHOOTING

If the mower encounters an issue, consult the detailed instruction manual for specific error codes and solutions. Common issues include signal loss (addressed by the dual positioning system), getting stuck (AI obstacle avoidance minimizes this), and charging problems (ensure proper docking).

## SPECIFICATIONS

Feature	Specification
Brand	ANTHBOT
Model Number	Genie600E
Power Source	Battery Powered
Material	Aluminum
Color	Gray
Item Weight	26.4 Pounds
Cutting Width	7.9 Inches
Operation Mode	Automatic
Product Dimensions	25"D x 10.99"W x 16"H
Assembly Required	Yes
Maximum Adjustable Cutting Height	2.76 Inches
Minimum Adjustable Cutting Height	1.18 Inches
Coverage Area	Reception 0.15 Acre, Max. 0.22 Acre

## WARRANTY AND SUPPORT

The ANTHBOT Genie600E Robot Lawn Mower comes with a 3-year warranty. For customer service and technical support, please contact: [support@anthbot.com](mailto:support@anthbot.com). You can also visit the official website for more information: <https://www.anthbot.com>.

# Smart Bot for the Easy Life



Image: The ANTHBOT Robot Lawn Mower on a lawn with a family, highlighting the 3-year warranty.