

SUNSEEKER SUNSEEKER X7

Sunseeker X7 Wireless Robot Lawn Mower User Manual

Model: SUNSEEKER X7

INTRODUCTION

The Sunseeker X7 Wireless Robot Lawn Mower is an advanced robotic lawn care device designed for efficient and autonomous lawn maintenance. Featuring RTK-GNSS technology, Vision AI, and smart app control, it offers precise navigation and adaptable cutting for various lawn sizes and complexities. This manual provides essential information for the safe and effective operation, setup, and maintenance of your Sunseeker X7.

SAFETY INFORMATION

Always read and understand all safety warnings and instructions before operating the robot lawn mower. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- **Keep Clear:** Ensure children, pets, and bystanders are kept away from the mowing area while the mower is operating.
- **Inspect Area:** Before each use, clear the lawn of any objects such as stones, toys, wires, or other debris that could be thrown by the blades.
- **Blade Safety:** Never attempt to lift or carry the mower while the blades are rotating. Disconnect power before performing any maintenance or cleaning.
- **Charging:** Use only the charger supplied by the manufacturer. Do not charge the battery in wet or damp conditions.
- **Rain Detection:** The mower is equipped with automatic rain detection. Allow it to return to its charging station during rain.
- **Maintenance:** Perform maintenance only when the mower is turned off and disconnected from its power source. Wear protective gloves when handling blades.

PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, contact customer support.



Auto Recharge



Image: Contents of the Sunseeker X7 package, including the robotic lawn mower, RTK base station, charging station, chargers, spare blades, and various fasteners.

- Robotic Lawn Mower (x1)
- RTK Base Station and Holder (x1)
- Charging Station (x1)
- Charger for Charging Station (x1)
- Charger for RTK Base Station (x1)
- QR Code (x1)
- Spare Blades (x12)
- Nails for RTK Base Station (x4)
- Expansion Bolts (x4)
- QSG & Manual (x1)
- Nails for Charging Station (x8)

SETUP

1. Charging Station Installation

Select a suitable location for the charging station, preferably on a flat surface with access to a power outlet and away from direct sunlight or heavy rain. Ensure there is enough clear space around the station for the mower to dock easily.

1. Place the charging station on a level surface.
2. Secure the charging station to the ground using the provided nails.
3. Connect the charging station charger to the station and plug it into a power outlet.

2. RTK Base Station Setup

The RTK (Real-Time Kinematic) base station provides precise positioning data for the mower. Its placement is crucial for accurate navigation.



Image: An RTK base station installed in a garden, providing precise location data for the robotic mower.

1. Choose an open location for the RTK base station with a clear view of the sky, free from obstructions like tall buildings or dense trees.
2. Assemble the RTK base station and its holder.
3. Secure the base station to the ground using the provided nails or mount it on a stable pole.
4. Connect the RTK base station charger and plug it into a power outlet.

3. App Connection and Initial Mapping

The Sunseeker app allows for easy control and management of your mower.



Image: The Sunseeker mobile application interface, showing options for multi-zone management, scheduling, height adjustment, path planning, and status monitoring.

1. Download the "Sunseeker" app from your device's app store (Google Play or Apple App Store).
2. Create an account and log in.
3. Follow the in-app instructions to pair your Sunseeker X7 mower with your smartphone via Bluetooth.
4. Initiate the initial mapping process through the app. The mower will autonomously navigate your lawn to create a digital map, identifying boundaries and obstacles.

OPERATING INSTRUCTIONS

1. Starting and Stopping

- **To Start:** Press the 'Start' button on the mower or initiate a mowing task through the Sunseeker app.
- **To Stop:** Press the 'Stop' button on the mower or use the 'Pause'/'Stop' function in the app. The mower will cease operation and return to its charging station if configured.

2. Path Planning Modes

The Sunseeker X7 offers various path planning options to optimize mowing efficiency.

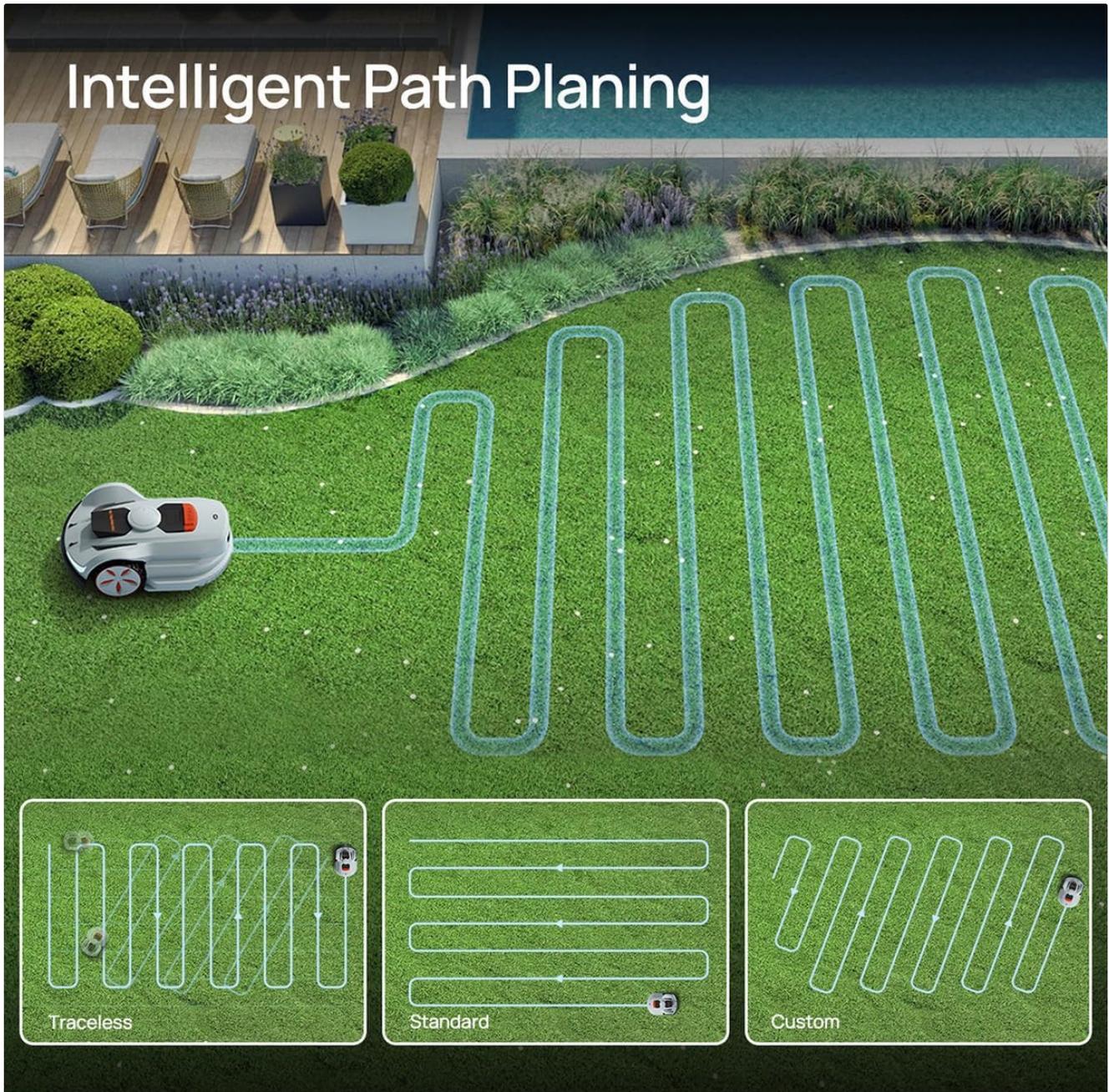


Image: Diagram illustrating different intelligent path planning modes: Traceless, Standard, and Custom, for efficient lawn mowing.

- **Traceless:** Mower follows a randomized pattern, ideal for maintaining a natural look.
- **Standard:** Mower follows a systematic, parallel pattern for comprehensive coverage.
- **Custom:** Allows users to define specific mowing patterns or areas via the app.

3. Adjusting Cutting Height

The cutting height can be adjusted to suit your lawn's needs, ranging from 0.8 inches to 4.0 inches.



Image: A robotic mower demonstrating its adjustable cutting height mechanism, allowing for cuts between 0.8 and 4.0 inches.

- Adjust the cutting height directly through the Sunseeker app.
- The mower features adaptive floating blades that adjust to uneven terrain for a consistent cut.

4. Multi-Zone Management

Manage different areas of your lawn with specific mowing schedules and settings.

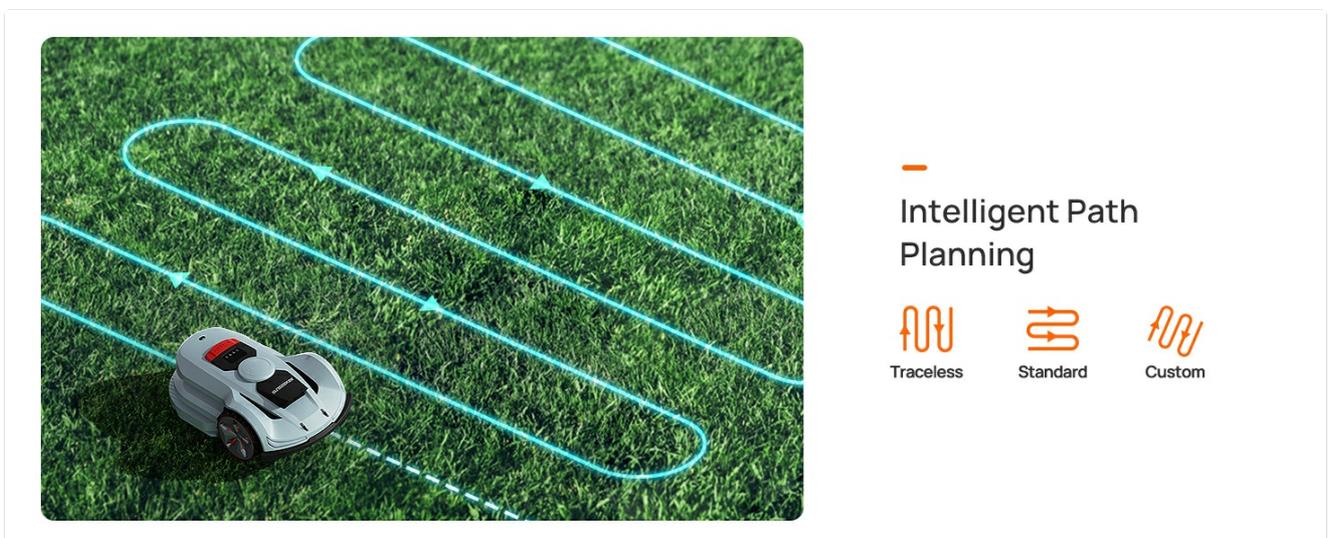


Image: An aerial view map of a property divided into multiple mowing zones (Zone1, Zone2) and no-go zones, illustrating the multi-zone management feature.

- Use the Sunseeker app to define multiple work areas (zones) and no-go zones.
- Assign specific mowing times and patterns to each zone.

5. Automatic Features

- **Auto-Recharge:** When the battery is low, the mower will automatically return to its charging station.

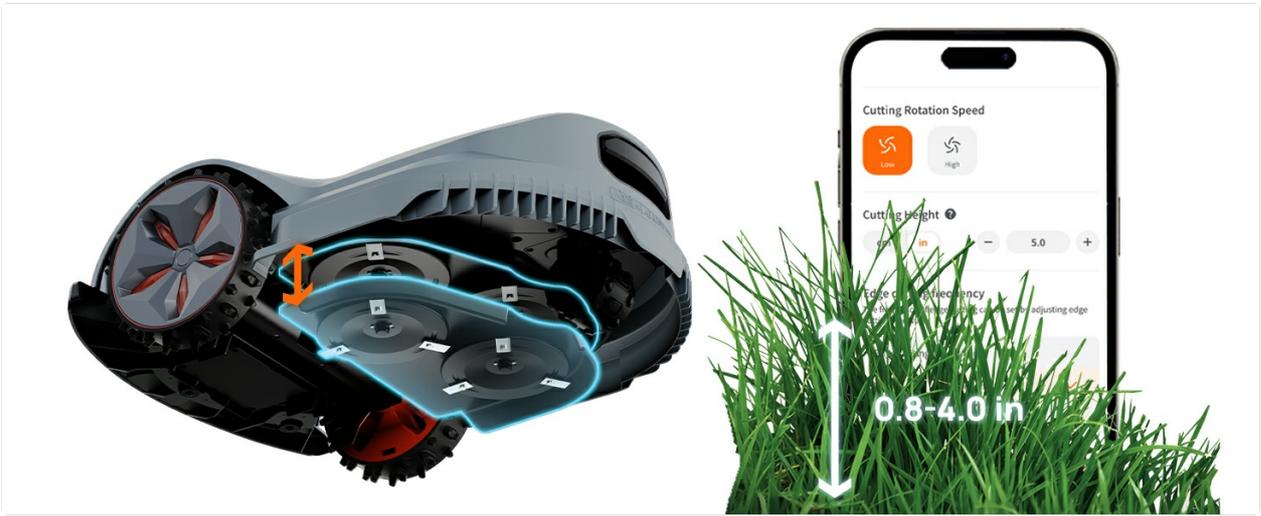


Image: A robotic lawn mower automatically navigating back to its charging station for recharging.

- **Rain Detection:** The mower detects rain and automatically returns to its charging station to protect itself from adverse weather conditions.



Image: Illustration of a robotic mower detecting rain and automatically returning to its charging base for shelter.

6. AWD Driving System & Obstacle Avoidance

The All-Wheel Drive (AWD) system ensures excellent traction on various terrains, while the Vision AI system helps the mower navigate around obstacles.

Precision Perfected



Image: The Sunseeker X7 robotic lawn mower showcasing its All-Wheel Drive (AWD) system and climbing capacity on an incline.



Image: The mower's visual AI system identifying and avoiding various objects on the lawn, such as a soccer ball, pet, and garden pot.

1. Cleaning

Regular cleaning ensures optimal performance and longevity of your mower.

Dual Cutting Discs Double Efficiency



Electric Cutting Height Adjustment

IPX5 Waterproof, Easy Cleaning

Image: The underside of the Sunseeker X7 mower, showing its dual cutting discs and a hand spraying water for cleaning, highlighting its IPX5 waterproof rating.

- The Sunseeker X7 has an IPX5 waterproof rating, allowing for easy cleaning with a hose.
- Turn off the mower and disconnect it from the charging station before cleaning.
- Remove grass clippings and debris from the cutting deck, wheels, and sensors.
- Use a soft brush or cloth for general cleaning.

2. Blade Replacement

Blades should be replaced regularly (e.g., every 1-3 months depending on usage) to ensure a clean cut and prevent damage to the lawn.

Image: A single replacement blade for Sunseeker robotic lawn mowers.

One Package: 15 blades + 15 nails

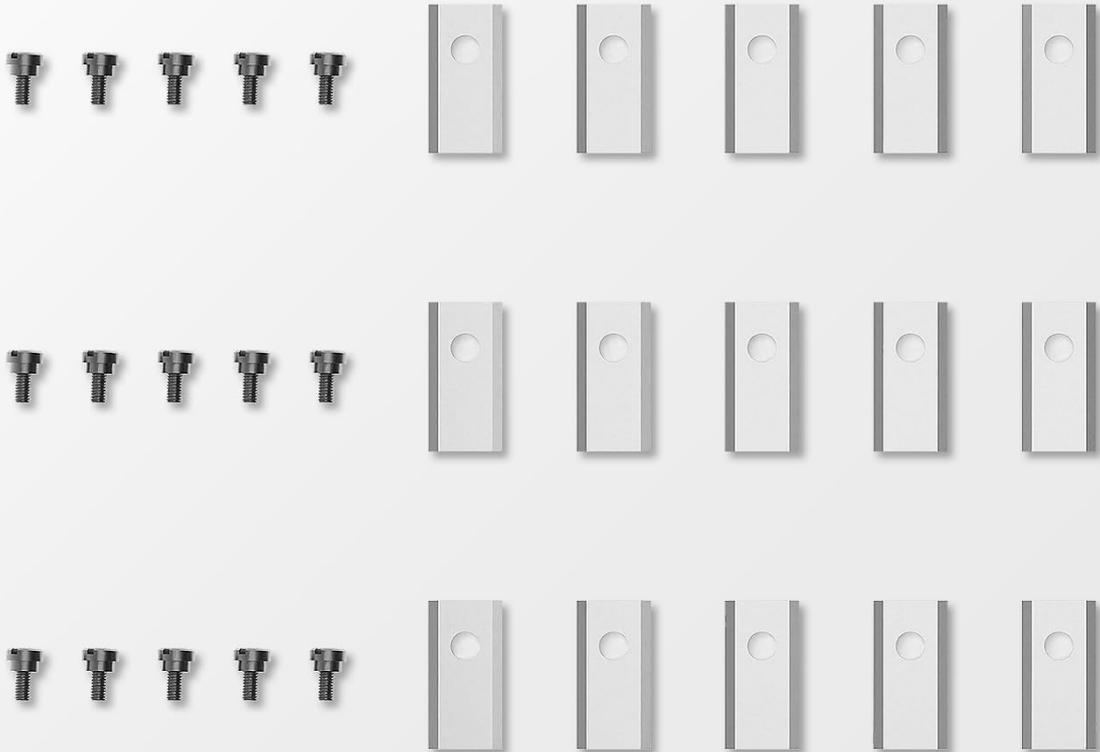


Image: A package containing 15 replacement blades and 15 screws for Sunseeker robotic lawn mowers.

1. Turn off the mower and place it on a soft, clean surface with the cutting deck facing upwards.
2. Wear protective gloves.
3. Unscrew the old blades and remove them carefully.
4. Attach new blades using the new screws provided. Ensure they are securely fastened.
5. The Sunseeker X7 uses 6 blades simultaneously. If you purchased a 15-blade pack, it provides enough for 2 full replacements plus spares.

TROUBLESHOOTING

This section addresses common issues you might encounter with your Sunseeker X7.

Problem	Possible Cause	Solution
Mower not starting	Low battery; Power switch off; Safety stop engaged	Charge the mower; Turn on the power switch; Check for obstacles or lift events, then restart.
Poor cutting performance	Dull or damaged blades; Excessive grass height; Clogged cutting deck	Replace blades; Mow more frequently or adjust cutting height; Clean the cutting deck.
Mower not docking	Charging station obstructed; Poor signal from RTK base station; Charging contacts dirty	Clear obstructions; Ensure RTK base station has clear sky view; Clean charging contacts on mower and station.
Error message in app	Specific system fault	Refer to the specific error code in the app for detailed instructions or contact support.
Mower gets stuck frequently	Uneven terrain; Obstacles not mapped; Slippery surface	Improve lawn terrain; Update map with no-go zones; Check wheel traction.

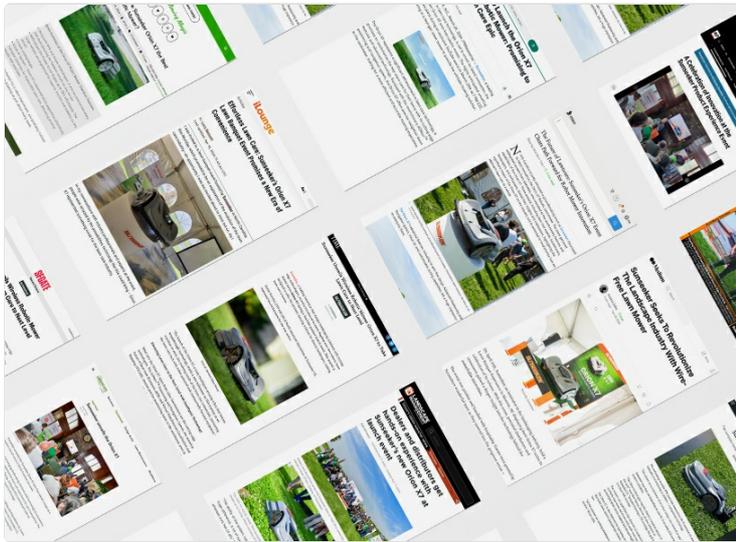
SPECIFICATIONS

Key technical specifications for the Sunseeker X7 Wireless Robot Lawn Mower.

Feature	Detail
Brand	SUNSEEKER
Model Number	SUNSEEKER X7
Power Source	Battery Powered
Color	Gray
Operation Mode	Automatic
Maximum Adjustable Cutting Height	4 Inches
Minimum Adjustable Cutting Height	0.8 Inches (implied from images, not explicitly in specs but good to include for completeness)
Coverage Area	Up to 0.75 Acre / 32,000 Sq. Ft.
Navigation System	RTK-GNSS, Vision AI
Driving System	AWD (All-Wheel Drive)
Waterproof Rating	IPX5

WARRANTY AND SUPPORT

Sunseeker provides comprehensive support for its products.



Media Coverage



Image: Sunseeker's 2-Year Service Support banner with contact information.

- **Warranty:** The Sunseeker X7 Robot Lawn Mower comes with a 2-year service support warranty.
- **Email Support:** CUSTOMERSUPPORT@SUNSEEKERTOOLS.COM
- **Phone Support:** 1-(833)-822-0146
- **Working Time:** Monday-Friday, 8 AM EST - 5 PM EST

For further assistance or technical inquiries, please contact our support team during working hours.

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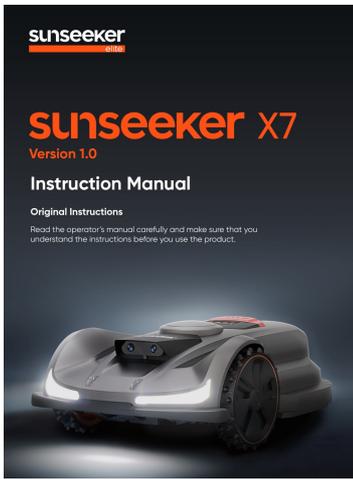
Documents - SUNSEEKER – SUNSEEKER X7



[Sunseeker Robotic Lawn Mowers: Advanced AI, Navigation, and Smart Features](#)

Explore the Sunseeker range of robotic lawnmowers, featuring cutting-edge AI, Vision AI, AONavi™ navigation, and smart app control for effortless lawn care. Discover models like the V3, X3, X5, and X7 with detailed specifications and features.

lang:de score:29 filesize: 2.63 M page_count: 24 document date: 2025-02-20



[Sunseeker X7 Robotic Lawn Mower Instruction Manual](#)

Comprehensive instruction manual for the Sunseeker X7 robotic lawn mower, covering safety, installation, daily operation, maintenance, troubleshooting, and warranty information. Learn how to set up virtual boundaries, manage charging, and connect via the Sunseeker app for optimal lawn care.

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