

## Segway HA001

# Segway Navimow Antenna Extension Kit User Manual

Model: HA001

## 1. INTRODUCTION

This manual provides detailed instructions for the installation and use of the Segway Navimow Antenna Extension Kit. This kit is designed to improve GPS signal reception for your Navimow robotic mower, especially in areas with challenging signal conditions.

**Applicable Models:** Navimow H800N-VF, H1500N-VF, H3000N-VF, i105N, i110N.

### Package Contents:

- Installation Base x1
- Center Column x1
- Extension Cable (393.7 inches / 10 meters) x1
- Expansion Tube x4
- Self-tapping Screw x4



Figure 1: Components of the Segway Navimow Antenna Extension Kit.

The Antenna Extension Kit allows for flexible placement of the GNSS antenna to achieve optimal satellite signal reception, which is crucial for the precise operation of your Navimow robotic mower.

## 2. INSTALLATION

### 2.1 Antenna Placement Considerations

The location of the antenna significantly affects positioning accuracy. It is recommended to install the antenna at a higher position to obtain better satellite signals, especially if your yard has the following features:

- Poor satellite signal in narrow paths connecting different parts of the yard.
- Lawn areas tightly surrounded by buildings or other structures that obstruct satellite view.

**If your yard has the following features, it is recommended to purchase the Antenna Extension Kit, and install the antenna at a higher position to obtain better satellite signals.**

**1**

**The satellite signal is poor in the narrow path connecting the front yard and the back yard.**



**2**

**The lawn tightly surrounds the building, and other buildings are within close proximity.**

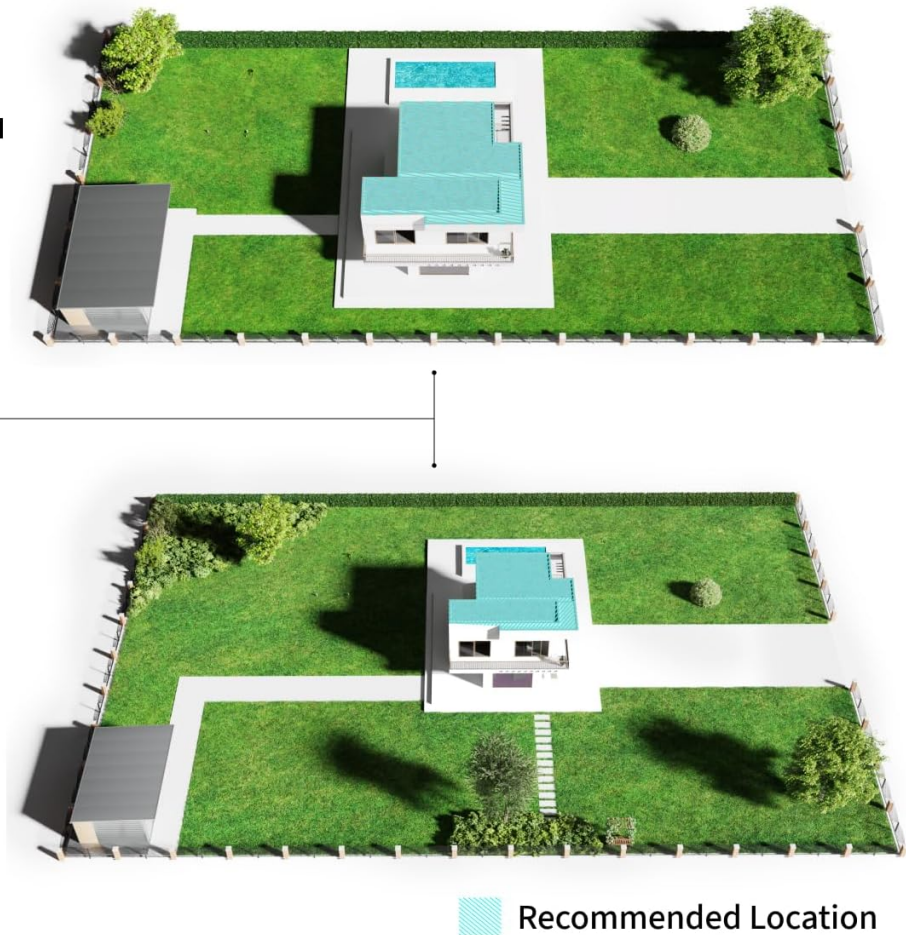


Figure 2: Recommended antenna placement for improved satellite signal in complex environments.

After installation, it is essential to create a new map for your lawn to ensure the mower operates with the updated antenna positioning data.

**Note:** Rooftop antennas of any sort should have lightning protection installed by a qualified professional.

## 2.2 Installing the GNSS Antenna on a Wall or Roof

Follow these steps to install the GNSS antenna on a wall or roof:

1. Unpack the Antenna Extension Kit components.
2. Assemble the antenna and the pole. Ensure the antenna is pointing upwards and has a clear 110° view of the sky.
3. Secure the installation base to your chosen wall or roof location using the provided expansion tubes and self-tapping screws.
4. Attach the assembled antenna and pole to the secured base.
5. Route the extension cable from the antenna to the charging station, ensuring it is secured and protected from damage.



Figure 3: Example of GNSS antenna installed on a rooftop.

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Video 1: Step-by-step guide on how to install the GNSS antenna on a wall or roof.

## 2.3 Installing the GNSS Antenna on the Ground

If ground installation is preferred, ensure the chosen location is unobstructed and provides a broad view of the sky. The extension cable allows for flexible placement up to 30 meters from the charging station.

1. Assemble the antenna kit components as per the Quick Start Guide.
2. Place the charging station on a flat area of the lawn, ensuring at least 2 meters of open space to the left, right, and front of the station.
3. Use the provided Allen wrench and screws to anchor the charging station securely to the ground.
4. Connect the antenna cable and the power supply cable to the charging station, ensuring tight connections.
5. If the GPS signal is stable, the lights on the charging station and the mower will turn green (or blue if the mower is not on the charging station).

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Video 2: Step-by-step guide on how to install the GNSS antenna on the ground.

### 3. OPERATION WITH ENHANCED SIGNAL

Once the Antenna Extension Kit is correctly installed and the GPS signal is stable, your Navimow robotic mower will benefit from improved positioning accuracy. This allows for more efficient and precise mowing, especially in complex lawn layouts.

Remember to create a new map for your lawn through the Navimow app after installing the antenna in a new location. This ensures the mower accurately understands its new operational boundaries and optimal mowing paths.

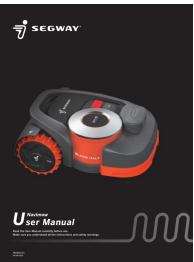
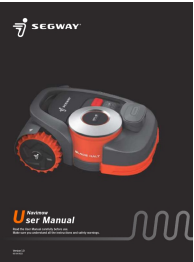
### 4. SPECIFICATIONS





Feature	Detail
Product Dimensions	4.72 x 4.72 x 10.63 inches
Item Weight	1.9 pounds
Item Model Number	HA001
Antenna Type	GPS
Color	Black
UPC	841450000727

### 5. SUPPORT

For any questions or further assistance regarding your Segway Navimow Antenna Extension Kit, please refer to the FAQs section on the official Segway Navimow website. You can also contact customer support through the Live Chat feature available in the Navimow app.

#### Related Documents - HA001

	<p><a href="#">Segway Navimow User Manual: Robotic Lawn Mower Guide</a></p> <p>User manual for Segway Navimow robotic lawn mowers (H800N-VF, H1500N-VF, H3000N-VF). Covers setup, operation, maintenance, safety, and troubleshooting for this advanced, wire-free lawn care solution with EFLS technology and app control.</p>
	<p><a href="#">Segway Navimow User Manual: Your Guide to Automated Lawn Care</a></p> <p>Comprehensive user manual for the Segway Navimow robotic lawn mower. Learn about setup, operation, maintenance, safety, and troubleshooting for models H800A-VF, H1500A-VF, and H3000A-VF.</p>

	<p><a href="#">Segway Navimow X3 Series User Manual</a></p> <p>This user manual provides comprehensive instructions for the Segway Navimow X3 Series robotic lawn mower, covering setup, operation, maintenance, and troubleshooting. Learn about its advanced EFLS 3.0 positioning system, app control, and safety features for efficient and effortless lawn care.</p>
	<p><a href="#">Segway Navimow Robotic Mower User Manual</a></p> <p>Comprehensive user manual for the Segway Navimow robotic mower, covering setup, operation, maintenance, and safety guidelines. Learn how to use the EFLS technology for efficient lawn care.</p>
	<p><a href="#">Segway Navimow Robotic Lawnmower Quick Start Guide</a></p> <p>A concise guide to setting up and operating your Segway Navimow robotic lawnmower, covering app installation, charging station and antenna setup, power connection, activation, boundary definition, test drives, and starting mowing.</p>
	<p><a href="#">Segway Navimow: Návod k obsluze - Kompletní průvodce</a></p> <p>Podrobný návod k obsluze pro robotickou sekačku Segway Navimow. Zjistěte, jak nastavit, používat a udržovat váš Navimow pro dokonalý trávník.</p>