

Yigars Y580

Yigars Y580 Robot Vacuum and Mop Combo User Manual

1. INTRODUCTION

Thank you for choosing the Yigars Y580 Robot Vacuum and Mop Combo. This device is designed to provide efficient and convenient cleaning for your home, combining vacuuming, sweeping, and mopping functions. Equipped with advanced LiDAR navigation and smart mapping technology, it ensures thorough coverage and intelligent operation. Please read this manual carefully before using the product to ensure proper operation and maintenance.

2. SAFETY INSTRUCTIONS

To reduce the risk of injury or damage, observe the following safety precautions:

- This appliance can be used by children aged 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children should be supervised to ensure they do not play with the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.
- Do not operate the robot vacuum near open flames or heat sources.
- Do not use the robot vacuum to pick up large or sharp objects, liquids, or burning materials.
- Ensure the charging dock is placed on a flat surface against a wall, with adequate clear space around it.
- Keep hair, loose clothing, fingers, and all parts of the body away from openings and moving parts.
- Only use the original power adapter and charging dock provided with the product.
- Before cleaning or maintenance, always turn off the robot and unplug the charging dock.

3. PACKAGE CONTENTS

Verify that all components are present in the package:

- Robot Vacuum
- Instruction Guide
- Filter
- Side Brush

- Water Tank

APP and Voice Control

Need to connect WiFi, only support 2.4GHz network

"Hey, start cleaning"



Auto/Manual
Cleaning



Select Room



Area Sweep



Laser LDS



Restricted
Area Setting



Timer Setting



Smart Life



Tuya APP



Alexa



Image: Yigars Y580 Robot Vacuum and its accessories.

4. PRODUCT OVERVIEW

The Yigars Y580 is a versatile robot vacuum and mop designed for comprehensive floor cleaning. Key features include:

- **LiDAR Navigation:** Utilizes Laser LDS technology for precise mapping and efficient route planning.
- **Smart Mapping:** Stores up to 5 distinct maps, supporting zone and sectional cleaning, and allowing for scheduled tasks.
- **3-in-1 Cleaning:** Vacuums, sweeps, and mops simultaneously with 4000Pa adjustable suction power.
- **Obstacle Avoidance:** Features 18mm obstacle clearance and 15° climbing capability to navigate thresholds and carpets.
- **App & Voice Control:** Manage cleaning via a mobile app, Amazon Alexa, or Google Assistant.
- **Long Battery Life:** Up to 120 minutes of continuous operation, with automatic recharging and resume

function.

- **OTA Updates:** Supports automatic firmware and software updates for continuous improvement.



Image: Yigars Y580 Robot Vacuum.

5. SETUP

5.1 Charging the Robot

Place the charging dock on a hard, level surface against a wall. Ensure there is at least 0.5 meters of clear space on both sides and 1.5 meters in front of the dock. Connect the power adapter to the dock and plug it into a wall outlet. Place the robot onto the charging dock. The robot will automatically return to the dock to recharge when its battery is low.

Fully support your cleaning tasks

Quickly create maps, automatically save up to 5 maps, select and divide areas, and schedule cleanings



Image: Robot vacuum returning to charging dock.

5.2 App Connection

To unlock the full smart features of your Yigars Y580, connect it to the mobile app. The robot supports Smart Life and Tuya APP. Ensure your Wi-Fi network is 2.4GHz, as 5GHz networks are not supported.

1. Download the Smart Life or Tuya APP from your smartphone's app store.
2. Register or log in to your account.
3. Add the Y580 device by following the in-app instructions. This typically involves resetting the robot's Wi-Fi and connecting to a temporary hotspot.
4. Once connected, you can control the robot, view real-time maps, and set cleaning schedules.



Image: App connection guide for Yigars Y580.

6. OPERATING THE ROBOT VACUUM

6.1 Initial Mapping

Upon its first use, the robot will perform an initial mapping run to create a detailed map of your home. Ensure all doors are open and clear any obstacles to allow for complete mapping. The robot can store up to 5 different maps.

It fully meets your needs for home cleaning
and has low operating noise (about 60db)



Image: Robot vacuum mapping process.

6.2 Cleaning Modes

The Yigars Y580 offers various cleaning modes accessible via the mobile app or voice commands:

- **Auto Mode:** The robot intelligently cleans the entire mapped area.
- **Plan Cleaning (S-shape Cleaning):** The robot cleans in an efficient S-shaped pattern.
- **Spot Mode:** Focuses on a specific dirty area for intensive cleaning.
- **Timing Mode:** Schedule cleaning times for automated operation.

6.3 Smart Control Features

Through the app, you can:

- **Select Rooms/Zones:** Choose specific areas for cleaning.
- **Set Restricted Areas/Virtual Walls:** Define areas the robot should avoid.
- **Monitor Cleaning:** View real-time cleaning progress and maps.
- **Adjust Suction & Water Flow:** Customize cleaning intensity.

- **Voice Control:** Integrate with Amazon Alexa or Google Assistant for hands-free operation.

Intelligent obstacle avoidance, no fear of thresholds



Diameter:
6 meters



Angle:
360° degrees



Obstacle clearance:
18 mm



Image: App and voice control interface.

6.4 Mopping Function

Attach the water tank and mop pad to enable the mopping function. The robot will vacuum and mop simultaneously. Adjust the water flow settings via the app for different floor types.

Support OTA: automatic firmware and software upgrade

System Updating

Current Version
New Version



Image: Sweeping and mopping in one step.

6.5 Obstacle Avoidance

The Y580 is equipped with intelligent obstacle avoidance, allowing it to navigate around furniture and other objects. It can clear obstacles up to 18mm and climb inclines of up to 15 degrees.

Bring you a smart, convenient and high-quality experience.

It will automatically recharge when the battery level drops to 20%, then return to its original location to resume cleaning once fully charged.



Image: Intelligent obstacle avoidance.

6.6 Official Product Video

Your browser does not support the video tag.

Video: Official Yigars Y580 Robot Vacuum demonstration. This video showcases the robot's features, including its navigation, cleaning capabilities, and overall performance in a home environment.

7. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your robot vacuum.

7.1 Dustbin and Filter

- Empty the dustbin after each cleaning cycle.
- Clean the HEPA filter regularly by tapping it gently to remove dust. Do not wash the HEPA filter with water.
- Replace the filter every 3-6 months, depending on usage.

7.2 Brushes

- Remove and clean the main brush and side brushes weekly. Use the cleaning tool to cut and remove tangled hair.
- Ensure brushes are free from debris to prevent damage and maintain cleaning efficiency.

7.3 Water Tank and Mop Pad

- Empty any remaining water from the tank after each mopping session.
- Wash the mop pad thoroughly after each use and allow it to air dry.

7.4 Sensors and Charging Contacts

- Wipe all sensors (cliff sensors, wall sensors, LiDAR sensor) and charging contacts on both the robot and the charging dock with a clean, dry cloth monthly.

8. TROUBLESHOOTING

If you encounter issues with your Yigars Y580, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Robot does not turn on or charge.	Battery is completely drained; charging contacts are dirty; power adapter not connected.	Place the robot directly on the charging dock; clean charging contacts; ensure power adapter is securely plugged in.
Robot gets stuck frequently.	Too many obstacles; low clearance areas; tangled wires.	Clear the cleaning area of clutter; use virtual walls in the app for problematic zones.
Poor cleaning performance.	Dustbin full; brushes tangled; filter clogged; suction power too low.	Empty dustbin; clean main and side brushes; clean or replace filter; increase suction power via the app.
App connection issues.	Incorrect Wi-Fi password; 5GHz Wi-Fi network; robot too far from router.	Ensure 2.4GHz Wi-Fi; verify password; move robot closer to router; reset Wi-Fi on robot and try connecting again.
Robot makes unusual noises.	Debris in brushes or wheels; fan obstruction.	Inspect and clean main brush, side brushes, and wheels; check for any foreign objects.

9. SPECIFICATIONS

Feature	Specification
Brand	Yigars
Model Name	Y580
Special Features	Anti-Fall, Detachable Canister, LiDAR Navigation, Multi-Floor Mapping, Pet Hair Pick Up
Color	White

Feature	Specification
Product Dimensions	12.6"L x 12.6"W x 3.9"H
Included Components	Filter, Instruction Guide, Robot Vacuum, Side Brush, Water Tank
Filter Type	Hepa
Battery Life	Up to 120 minutes (5 days standby)
Cleaning Path Width	11 Inches
Voltage	220 Volts
Dustbin Capacity	350 Milliliters
Water Tank Capacity	250 Milliliters
Power Source	Battery Powered
Batteries Included	Yes (1 x 12V battery)
Control Method	App
Compatible Devices	Hard Floors
Form Factor	Robot
Manufacture Year	2025
Smart Home Compatibility	Smart Home Compatible (Alexa, Google Assistant)
Item Weight	6.6 pounds
Surface Recommendation	Hardwood, Carpet (low-pile), Tile, Laminate

10. WARRANTY AND SUPPORT

Yigars products are designed for reliability and performance. For warranty information, please refer to the warranty card included in your product packaging or visit the official Yigars website. If you experience any issues or have questions regarding your Yigars Y580 Robot Vacuum and Mop Combo, please contact Yigars customer support through the contact information provided on the official website or within the mobile application.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question