

Dirt Detective Robot User Manual

Congratulations on your purchase of the Dirt Detective Robot! This user manual will guide you through the setup and operation of the robot using the accompanying mobile app called "Dirt Detective." Please read this manual thoroughly to ensure optimal usage of your robot.

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1. Introduction:

The Dirt Detective Robot is a smart cleaning robot designed to assist you in maintaining cleanliness in your space. With the help of the "Dirt Detective" mobile app, you can control the robot's functions and modes, allowing it to navigate, clean dirt, and avoid obstacles.

2. Language Selection:

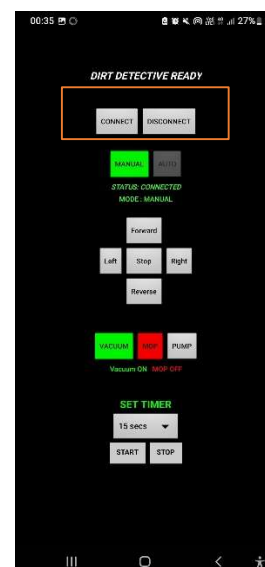
Upon opening the "Dirt Detective" app, you will be presented with a language selection page as in figure 1. Choose your preferred language from the available options such as English, Tamil, Malayalam, and Hindi. Selecting your preferred language will take you to the main page with all the modes of operation.



3. Setup and Connection:

To set up and connect your robot, please follow these steps:

- Place the robot in an open area with enough space for it to move around.
- Locate the two switches behind the robot and turn them on.
- Download and install the "Dirt Detective" app from your app store.
- Open the app and follow the on-screen instructions to connect the app to the robot using the provided pairing method.
- Once connected, you can proceed to the different modes of operation.



4. Manual Mode:

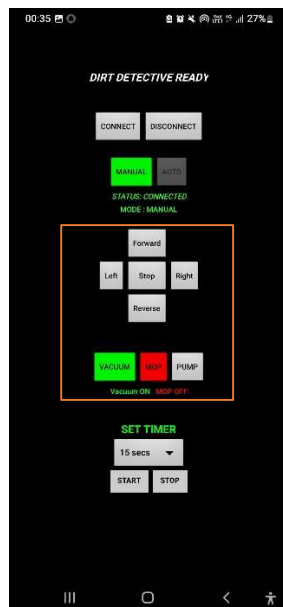
In the manual mode of the "Dirt Detective" app, you have full control over the robot's movements and functionalities. The manual mode includes the following features:

Navigation buttons: Move the robot forward, backward, left, right, or stop its movement.

Vacuum Cleaner: Turn on/off the vacuum cleaner function.

Mop: Activate/deactivate the mop feature.

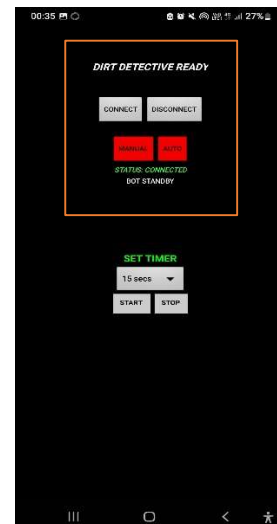
Pump: Control the pump mechanism.



5. Automatic Mode:

Switching to automatic mode allows the robot to operate autonomously. It utilizes an obstacle avoidance algorithm to navigate around obstacles and clean dirt. To activate the automatic mode:

Switch off manual mode (if active) and switch on automatic mode in the "Dirt Detective" app.

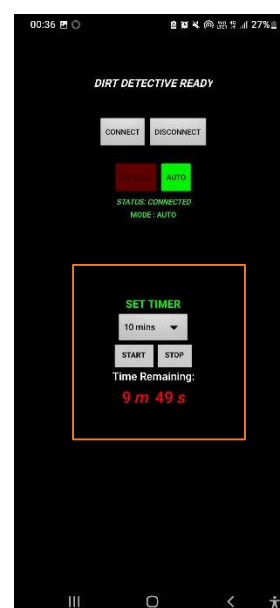


6. Timer Mode:

The timer mode enables you to schedule a timed cleaning session. Follow these steps to set the timer:

- If manual or automatic mode is active, switch them off.
- Find the timer option at the bottom of the app interface.
- Click on the timer option and select the desired cleaning duration from the drop-down menu or enter a custom time.

The robot will remain active for the specified time and automatically switch off afterward.



7. Maintenance and Safety:

To ensure the longevity and safe operation of your Dirt Detective Robot, please adhere to the following guidelines:

- Regularly clean the robot's brushes, filters, and sensors.
- Keep the robot away from water or other liquids.
- Avoid placing the robot on uneven or excessively inclined surfaces.
- Do not operate the robot near stairs or drop-offs.
- Keep the robot away from pets and children during operation.

8. Troubleshooting:

If you encounter any issues with your robot or the "Dirt Detective" app, refer to the following troubleshooting tips. In case the issue persists, please contact our customer support for further assistance.

Resetting the Robot: One of the most common and effective troubleshooting steps is to reset the robot. Simply switch off the robot using the power switches located at the back of the unit and then switch it on again. This can resolve many minor issues.

App Connectivity Issues: If you are experiencing connectivity issues between the app and the robot, try the following:

- Ensure that your mobile device's Bluetooth is enabled.
- Make sure you are within the range of the robot and that there are no obstructions causing interference.
- Restart the "Dirt Detective" app and try reconnecting to the robot.

Poor Cleaning Performance: If the robot is not effectively cleaning dirt, consider the following:

- Check if the brushes, filters, and sensors are clean and free from

debris. Clean or replace them if necessary.

- Make sure the robot's wheels and movement mechanisms are not obstructed by any objects or tangled cords.
- Adjust the cleaning settings in the app to optimize performance for your specific environment.

Obstacle Avoidance Issues: If the robot is having trouble navigating around obstacles, try these steps:

- Ensure that the robot's sensors are clean and free from dirt or obstructions.
- Clear any large or challenging obstacles from the robot's path that it may have difficulty maneuvering around.
- If the issue persists, recalibrate the robot's sensors according to the instructions provided in the user manual.

For any other issues or if the problem persists after trying the troubleshooting steps, please contact our customer support for further assistance. Our support team will be happy to help you resolve any concerns you may have.

9. Technical Specifications:

- Robot dimensions: [Insert dimensions]
- Battery type: 12V Lead acid battery (1), 9V high watt battery(4)
- Charging time: 2-3hrs
- Run time: 3-5 hrs
- Connectivity: Bluetooth

We hope this user manual helps you make the most of your Dirt Detective Robot. Enjoy effortless cleaning and a cleaner living environment!