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› Tapo RV20 Max Plus Robot Vacuum and Mop User Manual

Tapo Tapo RV20 Max Plus

Tapo RV20 Max Plus Robot Vacuum and Mop User Manual

Your guide to smart, efficient home cleaning.

1. PRODUCT OVERVIEW

The Tapo RV20 Max Plus is an advanced 2-in-1 robot vacuum and mop designed for comprehensive floor cleaning. It features LiDAR smart navigation, powerful suction, and a self-emptying dock for a hands-free cleaning experience.



Figure 1: Tapo RV20 Max Plus Robot Vacuum and Self-Emptying Dock.

2. SETUP

2.1 Unboxing and Placement

Carefully remove all components from the packaging. Place the auto-empty dock against a wall in an open area, ensuring there are no obstacles within 1.5 meters (5 feet) in front and 0.5 meters (1.6 feet) to the sides. Connect the power cord to the dock and plug it into a power outlet.

2.2 Initial Charge

Place the robot vacuum onto the charging pins of the auto-empty dock. Ensure the charging contacts on the robot align with those on the dock. The robot will begin charging automatically. For first-time use, fully charge the robot before operation.

2.3 App Connection and Mapping

Download the Tapo app from your mobile app store. Follow the in-app instructions to add your RV20 Max Plus. The app will guide

you through the initial mapping process, which uses LiDAR navigation to create a precise map of your home. This map is essential for efficient cleaning routes and advanced features.



3L Auto-Empty Dock

Lasts for up to 60 days.

tapo

Figure 2: Advanced LiDAR Navigation for precise mapping.

3. OPERATING INSTRUCTIONS

3.1 Cleaning Modes and Suction Levels

The Tapo RV20 Max Plus offers multiple cleaning modes and 5 adjustable suction levels (including Ultra mode for up to 5300Pa max suction) via the Tapo app. Select the appropriate mode based on your cleaning needs and floor type.



Set Mopping Mode for Cleaner Floors

RV20 Max provides 3 water flow options to suit different floor types.

tapo

Figure 3: Powerful 5300Pa Max Suction for effective debris removal.

3.2 Mopping Function

For mopping, fill the 300ml water tank with clean water (do not add cleaning agents). Attach the washable mop cloth mount. The robot provides 3 water flow options to suit different hard floor types. It automatically avoids carpeted areas when in mopping mode.



No Spots Missed

Utilizes Mesh Grid™, a unique grid-like cleaning pattern, for a comprehensive clean.

tapo

Figure 4: Set mopping mode for cleaner hard floors.



Effortless with Tapo IQ+ Smart Cleaning™
You can reliably leave your home in its hands.

tapo

Figure 5: Robot automatically avoids carpeted areas when mopping.

3.3 Smart Navigation and Obstacle Avoidance

Utilizing Mesh Grid Technology and advanced sensors, the robot ensures thorough coverage and prevents missed spots. It detects step edges to prevent falls and can effortlessly climb thresholds up to 0.87 inches. The integrated sensor reduces the risk of the robot getting stuck under furniture.

No Spots Missed

Utilizes Mesh Grid™, a unique grid-like cleaning pattern, for a comprehensive and thorough clean, preventing missed spots.



Figure 6: Mesh Grid Technology for comprehensive cleaning.

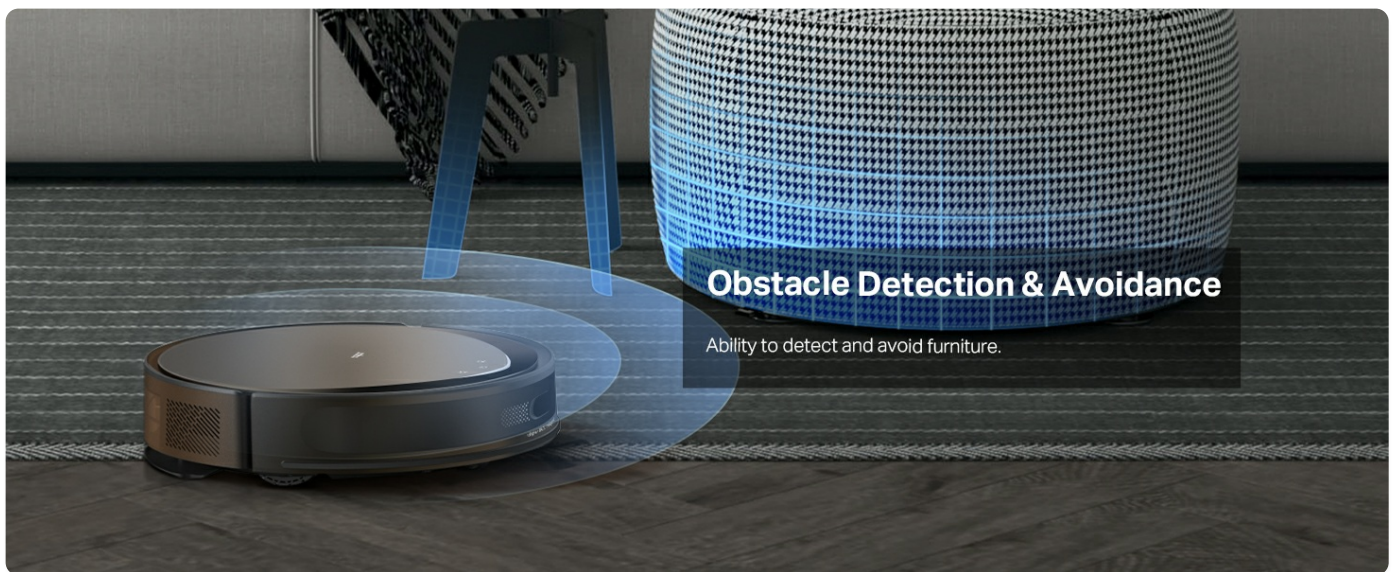


Figure 7: Obstacle detection and avoidance capabilities.

3.4 App Control and Scheduling

The Tapo app allows for full control over your robot. You can set up cleaning schedules, define virtual walls and no-go zones, and select specific rooms or areas for cleaning. The robot also supports Smart Recharge & Resume, automatically returning to the dock to recharge and resuming cleaning from where it left off.

Virtual Walls and No-Go Zones

Set up areas you don't want the robot to go, such as kids' play areas, bedrooms in use, and placements of non-furniture items that the robot may push.



Figure 8: Set up virtual walls and no-go zones via the Tapo app.

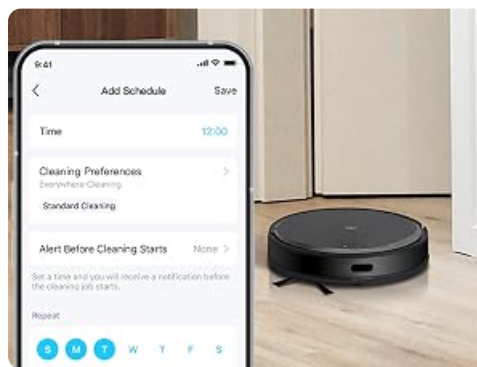


Figure 9: Schedule cleaning times and preferences.

3.5 Voice Control

The Tapo RV20 Max Plus is compatible with Alexa and Google Home. You can use voice commands to start, stop, or send the robot back to its dock.

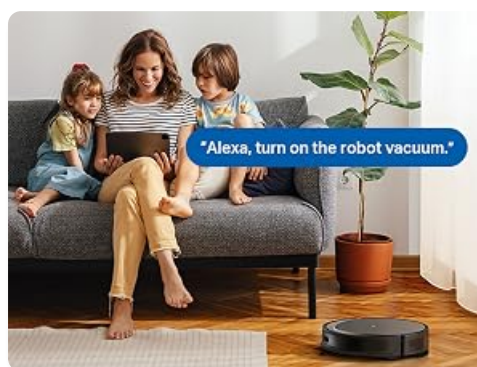


Figure 10: Control your robot vacuum with voice commands.

4. MAINTENANCE

4.1 Auto-Empty Dock and Dust Bag

The 3L auto-empty dock automatically collects debris from the robot's dustbin after each cleaning, typically lasting for up to 60 days. Replace the disposable dust bag when full.

Scan the QR Code



Setup & Maintenance Videos



FAQ



Parts & Accessories



Technical Support

Figure 11: The 3L auto-empty dock provides up to 60 days of hands-free dust collection.

4.2 Washable HEPA Filter

The robot vacuum's H11 HEPA filter is washable and reusable. Refer to the Quick Installation Guide for detailed instructions on how to clean the filter to maintain optimal performance.

4.3 Main Brush and Side Brushes

Regularly inspect and clean the main brush and side brushes to remove tangled hair or debris. This ensures effective cleaning and prevents damage to the brushes.

4.4 Mopping Cloth

The washable mop cloth should be cleaned after each mopping session to prevent odors and maintain hygiene.

5. TROUBLESHOOTING

If you encounter any issues with your Tapo RV20 Max Plus, please refer to the following general troubleshooting tips:

- **Robot not charging:** Ensure the charging contacts on both the robot and the dock are clean and free of debris. Verify the power cord is securely plugged in.
- **Robot getting stuck:** Clear any small obstacles, loose cables, or non-furniture items from the cleaning path. Utilize the

virtual walls or no-go zones in the app.

- **Poor cleaning performance:** Check and clean the dustbin, filter, main brush, and side brushes. Ensure the dust bag in the auto-empty dock is not full.
- **Mopping issues:** Ensure the water tank is filled and the mop cloth is properly attached and clean.
- **App connectivity issues:** Ensure your robot and smartphone are connected to a stable 2.4 GHz Wi-Fi network. Restart the app or the robot if necessary.

For more detailed troubleshooting or specific error codes, consult the Tapo app or the online support resources.

6. SPECIFICATIONS

Feature	Detail
Brand	Tapo
Model Name	Tapo RV20 Max Plus
Special Feature	2-IN-1 Vacuum and Mop with Self Empty Dock, Wet/Dry, Scheduling, Washable Filter, Auto-Docking
Color	Black
Product Dimensions	13"L x 13"W x 3.3"H
Included Components	Robot Vacuum x 1, Auto Empty Dock, Mop Cloth Mount, Quick Installation Guide, Washable Mop Cloth, 3L Disposable Dust Bag, Main Brush, 2 Side Brushes, HEPA Filter, Cleaning Brush
Filter Type	H11 HEPA Filter (Washable)
Battery Life	180 minutes
Power Source	Battery Powered
Control Method	App
Compatible Devices	Smartphones, Amazon Echo, Google Home
Max Suction Power	5300Pa
Dust Pickup Rate	Over 97%
Climbing Capability	Up to 0.87 inches (22mm)
Dust Bag Capacity	3L (disposable)
Wireless Connection	IEEE 802.11 b/g/n, 2.4 GHz band only and Bluetooth 4.2 (onboarding only)

7. OFFICIAL PRODUCT VIDEO

Your browser does not support the video tag.

Video 1: Tapo Robot Vacuum and Mop with Self-Emptying Dock - Official Product Video. This video provides an overview of the product's features and benefits.

8. WARRANTY AND SUPPORT

For warranty information, technical support, FAQs, and setup/maintenance videos, please visit the official Tapo support page. You can also scan the QR code below using your smartphone to access these resources directly.

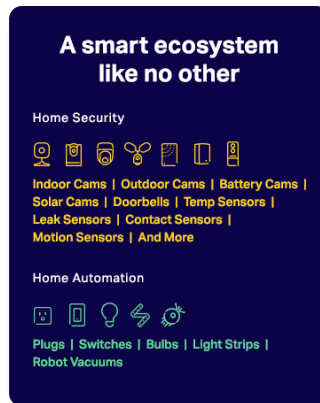


Figure 12: Scan this QR code for quick access to Tapo support resources.

Alternatively, visit: <https://www.tapo.com/us/support/tapo-robot-vacuum/>

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

