

XIAOMI H40

Xiaomi Robot Vacuum H40 User Manual

Model: H40 (BHR07XBEU)

1. INTRODUCTION

Welcome to the user manual for your new Xiaomi Robot Vacuum H40. This intelligent cleaning device is designed to provide efficient and thorough cleaning for your home. Featuring advanced LDS laser navigation, powerful 10,000 Pa suction, and a versatile mopping function, it ensures comprehensive coverage and spotless floors.

The H40 model includes an anti-tangle main brush and side brush to minimize hair entanglement, simplifying maintenance. Its automatic dust collection system with a 4L high-capacity dust bag allows for up to 90 days of hands-free operation, making it convenient and hygienic.

This manual provides essential information on setting up, operating, maintaining, and troubleshooting your robot vacuum to ensure optimal performance and longevity.



Figure 1.1: The Xiaomi Robot Vacuum H40 shown with its automatic dust collection station. A smartphone displays the accompanying mobile application, illustrating the device's smart mapping and control capabilities.

2. PACKAGE CONTENTS

Please check the package contents carefully. If any items are missing or damaged, contact customer support.

- Xiaomi Robot Vacuum H40 Unit
- Charging & Mop-Cleaning Dock (Auto-Dust Collection Station)
- Main Brush (pre-installed)
- Anti-tangle Side Brush
- 4L Dust Bag (pre-installed in dock)
- Power Cable
- User Manual

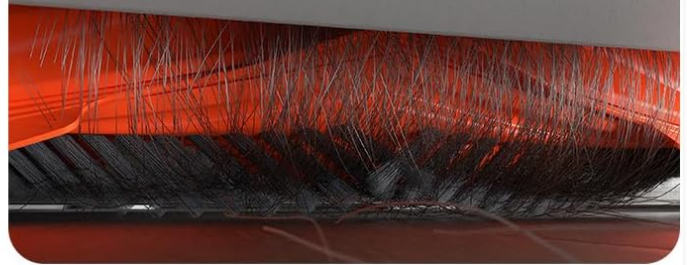
3. PRODUCT OVERVIEW

Familiarize yourself with the main components and features of your Xiaomi Robot Vacuum H40.

Aspiration puissante de 10 000 Pa
Aspirateur de type ouragan



Technologie anti-nœuds multidimensionnelle
Brosses principale et latérale anti-emmêlement



Batterie 5 200 mAh
Idéale pour les grandes maisons



Collecte automatique de la
poussière dans un sac jetable de 4 L
Collecteur de poussière grande capacité



Nettoyage ultra-précis avec navigation LDS
Générez rapidement des cartes de nettoyage



2-en-1 : Aspire et Lave
Nettoyage sans effort avec une seule machine



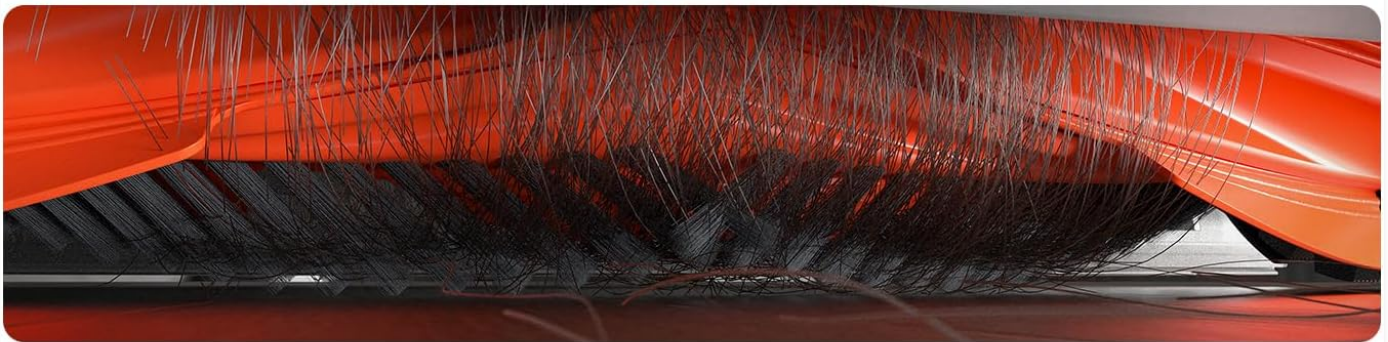
Figure 3.1: An infographic highlighting the primary features of the Xiaomi Robot Vacuum H40. These include a powerful 10,000 Pa suction, multi-dimensional anti-tangle technology for brushes, a 5,200 mAh battery for large homes, a 4L automatic dust collection bag, precise LDS navigation, and combined vacuuming and mopping functionality.

3.1 Anti-Tangle Technology

The robot vacuum is equipped with multi-dimensional anti-tangle technology for its main and side brushes, effectively preventing hair from wrapping around them. This design ensures consistent cleaning performance and reduces the frequency of manual brush cleaning.

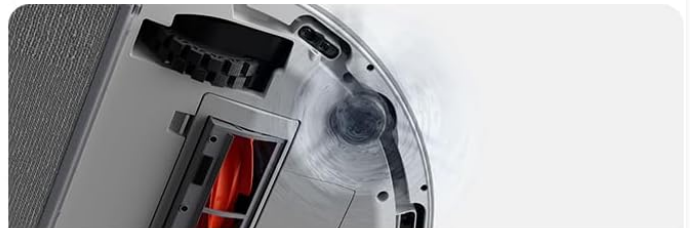
Technologie anti-nœuds* multidimensionnelle pour poils et cheveux Nettoie efficacement les cheveux longs en 5 étapes

Balaie, roule, rassemble, peigne et aspire. Structure en forme de peigne, brosse principale dorée en forme de V : la brosse principale et la brosse latérale fonctionnent en harmonie pour une aspiration des poils et des cheveux en douceur.



Structure en V

Brosse dorée en forme de V pour rassembler les poils et cheveux efficacement



Brosse latérale anti-nœuds

Performances anti-nœuds exceptionnelles des brosses principale et latérale

Figure 3.2: A detailed view of the robot vacuum's multi-dimensional anti-tangle technology, showing the V-shaped main brush and the anti-tangle side brush designed to prevent hair entanglement.

This feature is particularly effective in homes with pets, as demonstrated by its ability to collect various types of hair without tangling.

**Les fonctions anti-nœuds permettent
de ramasser facilement les cheveux
longs, les cheveux courts et les poils
d'animaux**



Figure 3.3: The robot vacuum cleaning a carpet in a living room, demonstrating its effectiveness in picking up long hair, short hair, and pet fur, thanks to its anti-tangle features.

3.2 Automatic Dust Collection

The H40 features an automatic dust collection system with a large 4-liter dust bag, allowing for up to 90 days of hands-free dust disposal. This system minimizes contact with dust, making it ideal for allergy sufferers.

Sac à poussière haute capacité de 4 L*

Collecte automatiquement la poussière

Le sac à poussière contient jusqu'à 90 jours* de poussière. Les sacs jetables garantissent un processus de mise au rebut propre, sans agiter la poussière et sans contact avec celle-ci : idéal pour les personnes allergiques.



Figure 3.4: This image illustrates the automatic dust collection system, featuring a large 4-liter dust bag being inserted into the charging dock.

3.3 Powerful Suction and Mopping

Experience superior cleaning with 10,000 Pa suction power and a versatile mopping function with intelligent 3-level water flow control.

Aspiration puissante de 10 000 Pa*

Aspiration rapide des poussières tenaces

S'attaque à la poussière, aux bouts de papier, aux aliments pour animaux de compagnie et aux céréales plus facilement grâce à une aspiration puissante. Choisissez entre quatre modes d'alimentation en fonction de vos besoins.



Silencieux



Standard



Fort



Turbo



Figure 3.5: An image highlighting the robot vacuum's powerful 10,000 Pa suction, capable of tackling stubborn dust. It also shows four cleaning modes: Silent, Standard, Strong, and Turbo.

Contrôle intelligent du débit d'eau Grâce à 3 niveaux pour une élimination de la saleté

Équipé d'un réservoir d'eau de 210 ml* et de trois niveaux de débit d'eau pouvant être réglés via l'application Xiaomi Home, le robot aspirateur fournit un débit d'eau régulier. Il est donc parfaitement adapté à différents sols et tâches, pour un nettoyage plus intelligent et plus efficace.



Figure 3.6: This image demonstrates the intelligent water flow control system for the mopping function, offering three adjustable water flow levels for effective cleaning.

3.4 Long Battery Life

The H40 is equipped with a 5,200 mAh high-capacity battery, providing up to 180 minutes of continuous operation in standard mode, ideal for cleaning large living spaces on a single charge.

Autonomie ultra-longue de 180 minutes*

Aspire et lave les sols de grands appartements en un seul passage

Doté d'une batterie haute capacité de 5 200 mAh*, il peut aspirer et laver les sols pendant un maximum de 180 minutes avec une charge complète en mode standard.



Figure 3.7: This image emphasizes the robot vacuum's ultra-long battery life, powered by a 5,200 mAh high-capacity battery, enabling up to 180 minutes of cleaning.

3.5 Compact Design

The robot vacuum and its base station feature a new compact and elegant design, taking up less space and integrating seamlessly into your home decor while retaining all essential functions.

Nouvelle taille compacte Prend moins de place et s'intègre parfaitement à votre intérieur

Compact et élégante, la base s'intègre parfaitement à votre décoration d'intérieur tout en conservant des fonctions essentielles comme la collecte automatique de la poussière.



Figure 3.8: This image showcases the new compact and elegant design of the robot vacuum and its base station, designed for seamless integration into home decor.

4. SETUP

4.1 Unpacking and Placement

1. Carefully remove all components from the packaging.
2. Choose a suitable location for the charging & mop-cleaning dock. Ensure it is against a wall, with at least 0.5 meters of clear space on either side and 1.5 meters in front, free from obstacles.
3. Plug the power cable into the dock and connect it to a power outlet. Ensure the dock is powered on.

4.2 Initial Charge

Place the robot vacuum onto the charging dock. Ensure the charging contacts on the robot align with those on the dock.

The robot will begin charging automatically. For first-time use, it is recommended to fully charge the robot before operation.

4.3 Connecting to the Xiaomi Home App

The Xiaomi Robot Vacuum H40 is compatible with the Xiaomi Home app, which provides advanced control and customization options.

1. Download the **Xiaomi Home** app from your device's app store (available on iOS and Android).
2. Open the app and create an account or log in.
3. Tap the "+" icon to add a new device.
4. Follow the on-screen instructions to connect your Xiaomi Robot Vacuum H40 to your home Wi-Fi network.

4.4 LDS Navigation and Mapping

The robot uses an LDS laser navigation system for precise mapping of your home. Upon its first cleaning cycle, it will create a detailed map. This map can be viewed and managed within the Xiaomi Home app.



Figure 4.1: An image detailing the LDS high-precision mapping system, which performs a 360-degree scan of the entire home to create

5. OPERATING YOUR ROBOT VACUUM

5.1 Starting and Stopping Cleaning

- **Start Cleaning:** Press the power button on the robot or use the Xiaomi Home app to start a cleaning cycle.
- **Pause/Resume:** Press the power button once during cleaning to pause. Press again to resume.
- **Return to Dock:** Press and hold the power button for 3 seconds, or use the app, to send the robot back to its charging dock.

5.2 Cleaning Modes

The robot offers various cleaning modes to suit different needs:

- **Silent:** For quiet operation.
- **Standard:** Default cleaning mode.
- **Strong:** For more intensive cleaning.
- **Turbo:** Maximum suction for stubborn dirt.

These modes can be selected via the Xiaomi Home app.

5.3 Mopping Function

To use the mopping function, ensure the water tank is filled and the mopping pad is attached. You can adjust the water flow level (3 levels) through the Xiaomi Home app for optimal cleaning on different floor types.

5.4 Smart Navigation and Obstacle Avoidance

The robot utilizes multiple sensors to navigate your home, avoid obstacles, and prevent falls. It can cross thresholds up to 20mm.

Plusieurs capteurs

Évite facilement les obstacles

Plusieurs capteurs garantissent que le robot aspirateur ne se coince pas et peut naviguer dans des environnements complexes tels que les escaliers et les seuils de porte.



La détection automatique des marches empêche le robot aspirateur de tomber



Retour automatique à la station lorsque la batterie est faible pour votre tranquillité d'esprit



Capable de franchir les seuils de porte jusqu'à 20 mm*

Figure 5.1: This image highlights the robot vacuum's multiple sensors that ensure it avoids obstacles and navigates complex environments, such as stairs and door thresholds.

5.5 Xiaomi Home App Control

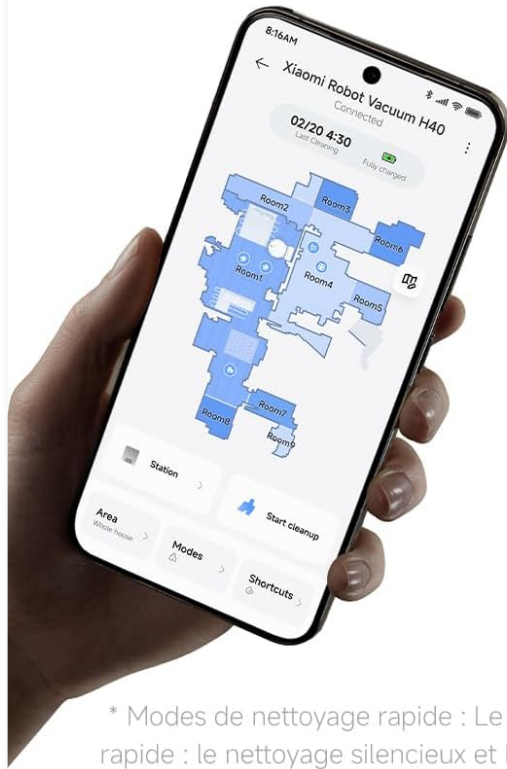
The Xiaomi Home app provides extensive control and customization options:

- **Remote Control:** Start, stop, or send the robot to its dock from anywhere.
- **Scheduled Cleaning:** Set specific times for cleaning cycles.
- **Parental Lock:** Prevent accidental operation.
- **Do Not Disturb (DND) Period:** Define times when the robot should not operate.
- **Cleaning History:** Review past cleaning maps and data.
- **OTA Updates:** Receive over-the-air firmware updates for improved performance.
- **Shortcuts:** Create quick commands for specific cleaning tasks.

Contrôle à distance depuis l'application Xiaomi Home

Nettoyez la maison en un geste

Contrôlez les tâches de nettoyage à distance via l'application Xiaomi Home, même lorsque vous êtes en déplacement. Surveillez et gérez la progression en temps réel, grâce à des paramètres personnalisés pour un nettoyage pratique et efficace.



Contrôle à distance



Nettoyage programmé



Fonction de verrouillage parental



Période NPD



Historique de nettoyage



Mises à jour OTA (over-the-air)



Raccourcis*

* Modes de nettoyage rapide : Le robot aspirateur Xiaomi H40 prend en charge deux modes de nettoyage rapide : le nettoyage silencieux et le nettoyage en profondeur. Sélectionnez les fonctions et les préférences de nettoyage selon vos besoins via l'application Xiaomi Home, telles que l'itinéraire et la puissance d'aspiration.

Figure 5.2: An illustration of the remote control capabilities through the Xiaomi Home app, showing various control options and settings.

5.6 Smart Zone Cleaning and Customization

After mapping, you can define specific cleaning zones, virtual walls, and restricted areas within the app.

Nettoyage par zones intelligent

Pour une maison propre

Une fois la cartographie terminée, définissez les zones et modes de nettoyage en fonction de vos besoins via l'application Xiaomi Home, pour vous assurer que chaque recoin de votre maison est nettoyé en profondeur.



Nettoyage de la pièce



Paramètres de nettoyage des tapis et moquettes



Zones restreintes et murs virtuels



Zone de nettoyage



Figure 5.3: An illustration of the smart zone cleaning feature, allowing users to define cleaning zones and modes via the Xiaomi Home app. You can also perform quick and targeted cleaning around specific furniture items.

Nettoyage rapide et ciblé : éliminez miettes et restes de nourriture autour des meubles

Nettoyage rapide des miettes et restes de nourriture

Permet un nettoyage ciblé autour des meubles. Dans l'application Xiaomi Home, définissez des zones telles que la table de salle à manger ou le canapé pour nettoyer rapidement les restes de nourriture, la litière de chat éparpillée, les aliments pour chiens renversés et bien plus encore.



Figure 5.4: This image demonstrates the quick and targeted cleaning function, allowing users to define specific areas around furniture for rapid cleanup.

Customize how the robot interacts with carpets, choosing to ignore, cross, vacuum only, or avoid them.

Personnalisez le nettoyage de vos tapis et moquettes pour un nettoyage adapté à vos besoins

Définissez les paramètres selon vos besoins pour un nettoyage plus précis

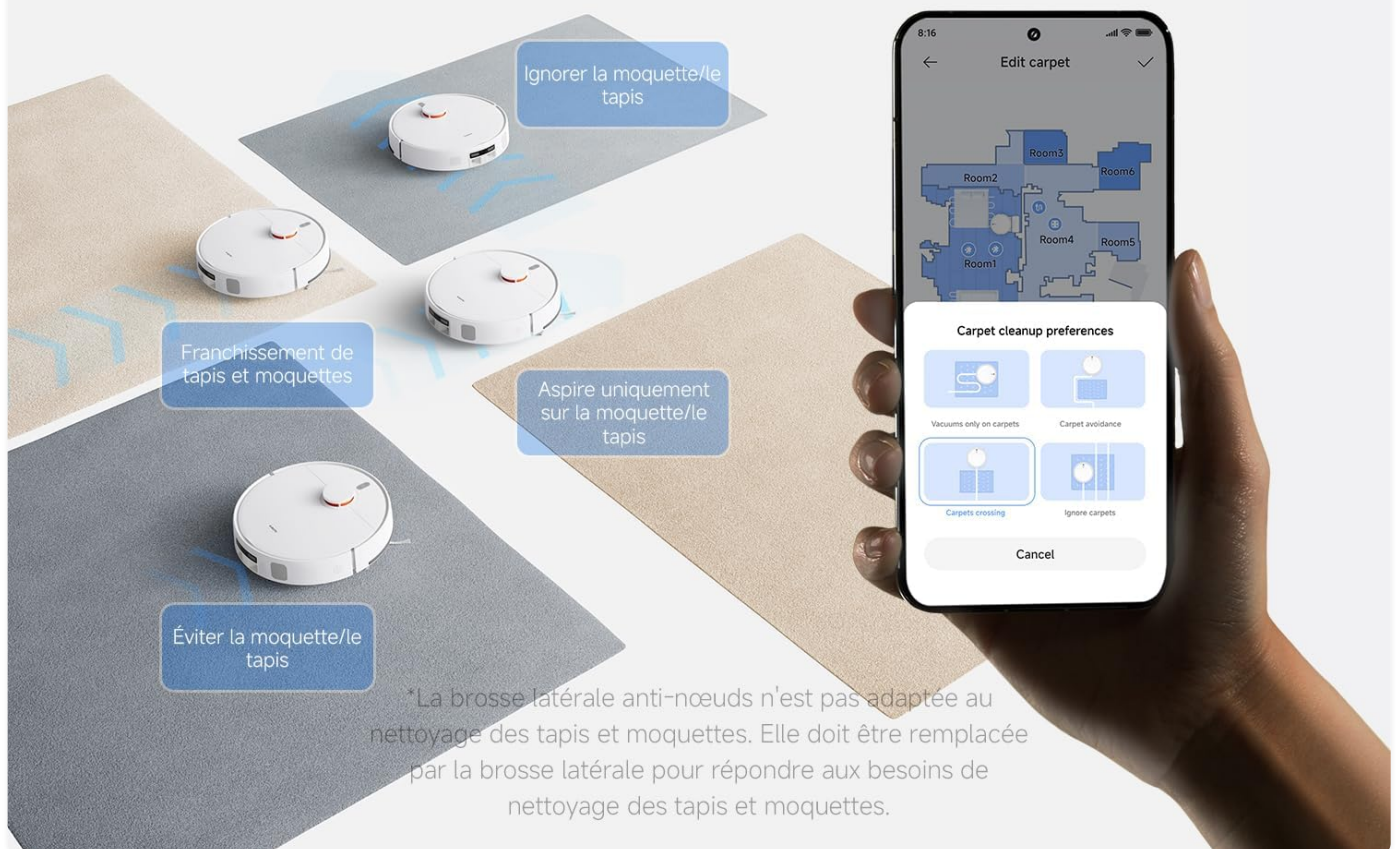


Figure 5.5: An image showing how to customize carpet cleaning settings through the Xiaomi Home app, including options to ignore, cross, vacuum only, or avoid carpets.

5.7 Voice Commands

The Xiaomi Robot Vacuum H40 supports voice control via Amazon Alexa and Google Assistant.

- **Amazon Alexa:** "Alexa, turn on the robot vacuum." / "Alexa, turn off the robot vacuum."
- **Google Assistant:** "OK Google, start the robot vacuum." / "OK Google, stop the robot vacuum."

Commandes vocales

Les commandes vocales fonctionnent avec Amazon Alexa ou l'Assistant Google.



* Il est nécessaire de disposer d'appareils compatibles équipés d'Alexa et de l'Assistant Google. L'Assistant Google n'est pas disponible dans certaines langues ni dans certains pays. Google, Google Home et Google Nest Mini sont des marques commerciales de Google LLC. Alexa n'est pas disponible dans certaines langues ni dans certains pays. Alexa et tous les logos associés sont des marques commerciales d'Amazon.com, Inc. ou de ses sociétés affiliées. Pour plus d'informations, consultez les sites officiels.

Figure 5.6: This image demonstrates the voice command functionality, allowing users to control the robot vacuum using Amazon Alexa or Google Assistant.

6. MAINTENANCE

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

6.1 Dust Bag Replacement

The 4L dust bag in the auto-collection station typically lasts up to 90 days. When the bag is full, the app will notify you. Simply remove the full bag and replace it with a new one.

6.2 Cleaning Brushes

- **Main Brush:** Periodically remove the main brush and clean any tangled hair or debris. The anti-tangle design

reduces this, but occasional checks are recommended.

- **Side Brush:** Check the side brush for tangled hair or debris and clean as needed.

6.3 HEPA Filter Cleaning

The robot vacuum uses a HEPA filter. Tap out dust from the filter regularly. Replace the HEPA filter every 3-6 months, or as indicated by the app, to maintain suction efficiency.

6.4 Mopping Pad Maintenance

After each mopping session, remove the mopping pad and wash it thoroughly. Allow it to air dry completely before reattaching.

6.5 Sensor Cleaning

Wipe the robot's sensors (LDS sensor, cliff sensors, bumper sensors) with a soft, dry cloth to ensure accurate navigation and obstacle detection.

7. TROUBLESHOOTING

If you encounter issues with your robot vacuum, refer to the following common problems and solutions. For more detailed troubleshooting, consult the Xiaomi Home app or Xiaomi's official support resources.

Problem	Possible Cause	Solution
Robot does not start	Low battery; Power button not pressed correctly; Robot stuck.	Charge the robot; Press power button firmly; Clear any obstructions.
Poor cleaning performance	Dust bag full; Brushes tangled; Filter clogged; Suction mode too low.	Replace dust bag; Clean brushes; Clean/replace filter; Select a higher suction mode in the app.
Robot cannot find charging dock	Dock is obstructed; Dock is unplugged; Robot is too far from dock.	Ensure clear space around dock; Check power connection; Manually place robot closer to dock.
App connection issues	Incorrect Wi-Fi password; Router issues; Robot too far from router.	Verify Wi-Fi password; Restart router; Move robot closer to router; Re-pair device in app.
Robot gets stuck frequently	Small obstacles; Loose cables; Uneven surfaces.	Clear floor of small items; Secure cables; Use virtual walls in app for problem areas.

8. SPECIFICATIONS

Feature	Detail
Brand	XIAOMI
Model Name	H40
Model Number	BHR07XBEU

Feature	Detail
Color	Black
Product Dimensions	34 x 34 x 9.7 cm
Item Weight	3.44 Kilograms
Suction Power	10,000 Pa
Dust Bag Capacity	4 Liters
Battery Capacity	5200mAh
Operating Time	Up to 180 minutes (Standard Mode)
Navigation Type	LDS Laser Navigation
Mopping Function	Yes, with 3-level smart water output control
Filter Type	HEPA
Compatible App	Xiaomi Home app
Controller Type	Mobile App, Remote Control
Voice Assistant Support	Amazon Alexa, Google Assistant
Surface Recommendation	All Floors
Auto Shutoff	Yes
Voltage	230 Volts
Date First Available	10 August 2025

9. WARRANTY AND SUPPORT

9.1 Warranty Information

For detailed warranty information, please refer to the warranty card included with your product or visit the official Xiaomi website. Warranty terms and conditions may vary by region.

9.2 Customer Support

If you require further assistance, technical support, or have questions not covered in this manual, please contact Xiaomi customer service through their official website or the Xiaomi Home app. You can also visit the [XIAOMI Store on Amazon](#) for additional resources.

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