

Mingtawn R11

Mingtawn Smart Ring R11 User Manual

Model: R11 | Brand: Mingtawn

INTRODUCTION

Thank you for choosing the Mingtawn Smart Ring R11. This ultra-thin smart ring is designed to monitor your health metrics 24/7, including heart rate, blood oxygen (SpO2), sleep patterns, and body temperature. It also offers convenient mobile device control through gestures. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure you get the most out of your device.

1. SETUP

1.1 Choosing the Right Size

Accurate sizing is crucial for comfort and precise data collection. The Mingtawn Smart Ring is available in US standard sizes 6-13. It is recommended to use a sizing kit to determine your optimal ring size before purchase. Ensure the ring fits snugly but comfortably on your chosen finger.



Figure 1.1: Ring Sizing Guide. This image displays a standard ring sizing chart, illustrating available sizes from 6 to 13 to assist users in selecting the correct fit for their Mingtawn Smart Ring.

1.2 Initial Charging and Activation

Before first use, fully charge your Mingtawn Smart Ring. The ring comes with a magnetic charging cable and a mini charging box. Connect the USB charging cable to a power source and place the ring in the charging box. A full charge takes approximately 30 minutes and provides 5-7 days of continuous operation.

Ultraleichtes, ultradünnes Design

Er ist 0,6 mm dünner und 0,5 g leichter als herkömmliche Smartringe und sorgt so für ein angenehmes Tragegefühl ohne zu kratzen.

nur **2.2** mm
Dicke

nur **2.5** g
Gewicht



Figure 1.2: Smart Ring in Charging Case. This image illustrates the smart ring being charged within its dedicated magnetic charging case, connected via a USB cable.

1.3 App Installation and Pairing

To access your health data and utilize all smart features, download the official "ECTRI" app. The app is available for both Android and iOS devices. Search for "ECTRI" in the Google Play Store or Apple App Store. After installation, open the app and follow the on-screen instructions to pair your Mingtawn Smart Ring via Bluetooth.

Ein echter Smart Ring



Figure 1.3: Smart Ring App Interface. This image displays the ECTRI app on a smartphone, showing various health metrics monitored by the smart ring, including heart rate, SpO2, temperature, sleep, activity, and step count.

2. OPERATING INSTRUCTIONS

2.1 Automatic Health Monitoring

Once powered on and worn, the Mingtawn Smart Ring continuously monitors your vital health indicators:

- **Heart Rate:** Tracks your heart rate 24/7, providing insights into your cardiovascular health.
- **Blood Oxygen (SpO2):** Measures your blood oxygen saturation levels.
- **Body Temperature:** Monitors your body temperature throughout the day.
- **Activity Status:** Records your daily activity, including steps and calories burned.
- **Sleep Monitoring:** Analyzes your sleep duration and quality, helping you understand and improve your sleep patterns.

All collected data is synchronized with the ECTRI app, allowing you to review trends and gain comprehensive insights into your physical condition.



Figure 2.1: Health Management Features in the ECTRI App. This image illustrates the app's capabilities for tracking heart rate, sleep, and blood oxygen levels, providing a comprehensive overview of the user's health data.

2.2 Mobile Remote Control (Gesture Function)

The Mingtawn Smart Ring features a gesture control function that allows you to interact with your mobile phone without touching the screen. To activate this function, enable it within the ECTRI app settings. Once activated, you can perform actions by shaking the ring twice quickly:

- Change videos
- Take photos/videos
- Start/pause music playback
- Control games
- Navigate e-books (page turning)

Note: This function should be deactivated in the app when not in use to prevent accidental actions on your phone.

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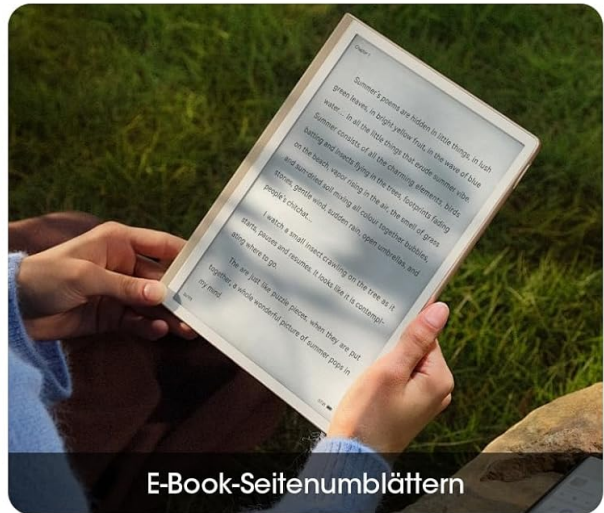
Ferngesteuerte Foto-/Videoaufnahme



Musik abspielen/pausieren



Video nach oben und unten schieben



E-Book-Seitenumblättern

Figure 2.2: Gesture Control Functions. This image demonstrates the smart ring's ability to control various smartphone functions, such as camera, music, video scrolling, and e-book navigation, through simple gestures.

2.3 Water Resistance

The Mingtawn Smart Ring boasts an impressive 5 ATM water resistance rating. This means you can safely wear it while showering or swimming in a pool. However, it is not recommended for diving or high-pressure water activities.



Figure 2.3: Water Resistance and Design. This image emphasizes the smart ring's 5 ATM water resistance, allowing it to be worn during activities like showering or swimming, while also showcasing its sleek design.

3. MAINTENANCE

To ensure the longevity and optimal performance of your Mingtawn Smart Ring, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the ring with a soft, dry cloth to remove dirt, sweat, and oils. For stubborn grime, a slightly damp cloth can be used, but ensure the ring is completely dry before charging or prolonged wear.
- **Avoid Harsh Chemicals:** Do not expose the ring to strong chemicals, solvents, or abrasive cleaners, as these can damage the finish and internal components.
- **Storage:** When not in use for extended periods, store the ring in its charging case or a cool, dry place away from direct sunlight and extreme temperatures.
- **Charging Contacts:** Keep the charging contacts on the ring and in the charging case clean and free of debris to ensure efficient charging.

4. TROUBLESHOOTING

If you encounter issues with your Mingtawn Smart Ring, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Ring not charging	Loose connection, dirty contacts, faulty cable/charger.	Ensure the ring is correctly seated in the charging case. Clean charging contacts on both the ring and case. Try a different USB power source or cable.

Problem	Possible Cause	Solution
Short battery life	Frequent use of gesture control, continuous monitoring, aging battery.	Deactivate gesture control when not needed. Ensure the ring is fully charged. Battery performance may degrade over time.
App not connecting to ring	Bluetooth off, app error, ring out of range, ring not powered on.	Ensure Bluetooth is enabled on your phone. Restart the ECTRI app. Make sure the ring is charged and powered on. Try restarting your phone.
Inaccurate health data	Improper fit, movement during measurement, sensor obstruction.	Ensure the ring fits snugly on your finger. Avoid excessive movement during measurements. Clean the sensors on the inside of the ring. Note that smart rings are not medical devices and provide general wellness data.
Gesture control not working	Feature not enabled in app, incorrect gesture, app not running in background.	Verify gesture control is enabled in the ECTRI app settings. Practice the quick double-shake gesture. Ensure the app is running in the background.

5. SPECIFICATIONS

Feature	Detail
Brand	Mingtawn
Model Name	R11
Dimensions (Packaging)	10 x 10 x 5 cm
Item Weight	100 grams (packaging weight)
Ring Weight	Approximately 2.5 grams
Ring Thickness	Approximately 2.2 mm
Included Components	Smart Ring, Magnetic Charging Cable, Mini Charging Box
Batteries Required	Yes (included, non-removable)
Charging Time	Approx. 30 minutes
Battery Life	5-7 days (continuous operation)
Water Resistance	5 ATM
Compatibility	Android, iOS

6. WARRANTY AND SUPPORT

Mingtawn is committed to providing high-quality products and excellent customer service.

- **Warranty:** Your Mingtawn Smart Ring R11 comes with a 24-month warranty from the date of purchase, covering manufacturing defects.
- **Customer Service:** For any questions, technical assistance, or warranty claims, please contact our customer support team. We offer 7/24 hours customer service to assist you. Refer to your purchase documentation or the official Mingtawn website for contact details.

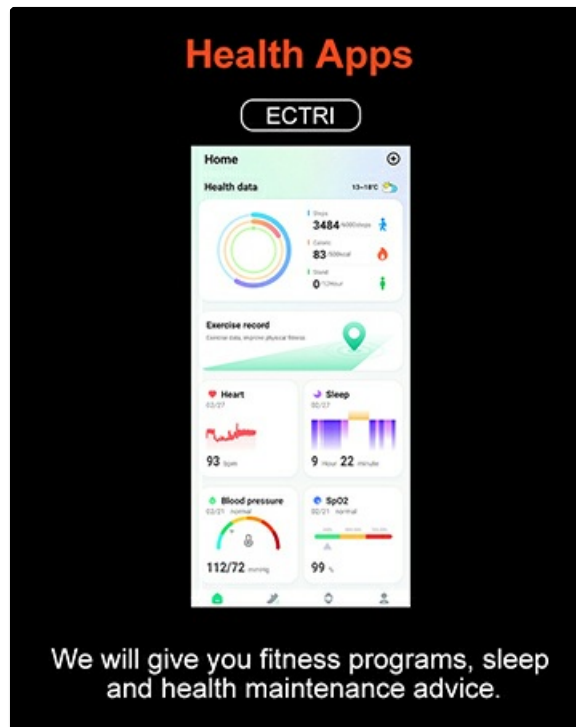


Figure 6.1: Product Certifications. This image displays various certifications (CE, UKCA, IC, FC, RoHS) that the Mingtawn Smart Ring has obtained, ensuring quality and compliance with international standards.