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Wendry WN-SR01

Wendry NFC Smart Ring User Manual

MODEL: WN-SR01

1. INTRODUCTION

The Wendry NFC Smart Ring (Model WN-SR01) is a versatile wearable device designed to enhance your mobile phone experience through Near Field Communication (NFC) technology. This ring allows for convenient data exchange, mobile content management, and application locking/unlocking without requiring an external power source. Its robust design ensures durability and water resistance.

This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your NFC Smart Ring to ensure optimal performance and user satisfaction.



Figure 1: Wendry NFC Smart Ring (Model WN-SR01)

2. SETUP

2.1 Prerequisites

- Ensure your smartphone has NFC functionality. This can typically be verified in your phone's system settings. If you cannot locate the NFC option, consult your phone manufacturer's support or refer to your phone's specifications.
- Confirm the NFC antenna area on your smartphone for effective interaction with the ring.

2.2 Software Installation

1. Activate the NFC function on your smartphone via its settings menu.
2. Search for "NFC" or "NFC Tools" in your smartphone's app store (e.g., Google Play Store, Apple App Store).
3. Download and install a suitable NFC application. Follow the on-screen instructions provided by the application for initial setup.

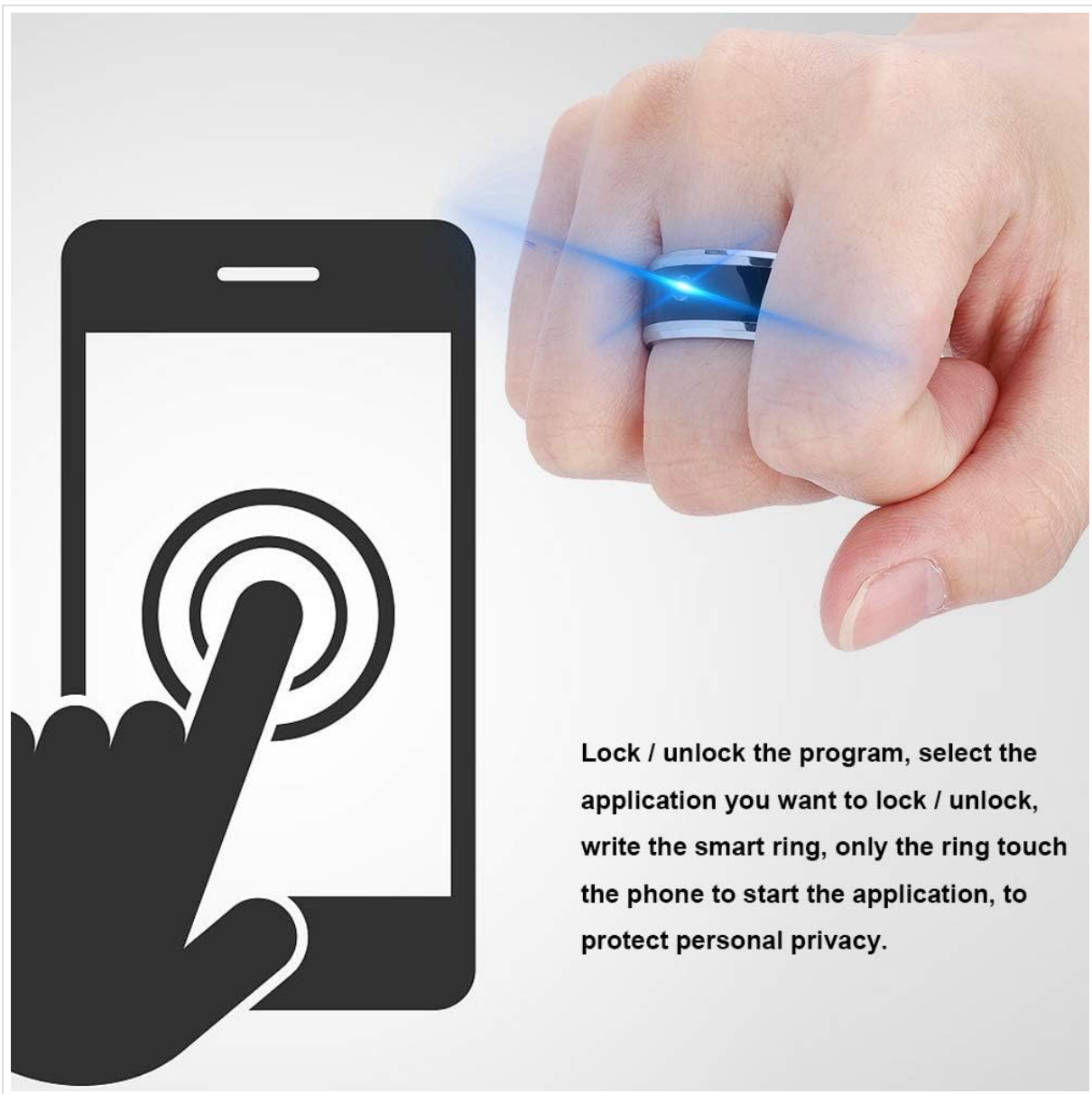


Figure 2: Smart Ring interacting with a smartphone

3. OPERATION

3.1 NFC Communication and Data Sharing

The NFC Smart Ring utilizes radio frequency communication to interact with your mobile phone. To share data or perform functions, simply touch the ring to the NFC detection area of your smartphone. The specific interaction will depend on the NFC application you are using and the data you have programmed into the ring.



Figure 3: Connecting to NFC-enabled smartphones

3.2 Application Locking and Unlocking

One of the primary functions of the NFC Smart Ring is to lock and unlock applications on your mobile phone, providing an additional layer of privacy. To use this feature:

1. Open your NFC application on your smartphone.
2. Select the option to lock/unlock applications.
3. Choose the specific applications you wish to protect.
4. Follow the app's instructions to write the lock/unlock command to your smart ring.
5. Once programmed, simply touch the ring to your phone's NFC area to initiate or unlock the selected application.



Figure 4: Using the smart ring to unlock a phone application

4. MAINTENANCE

4.1 Water Resistance

The Wendry NFC Smart Ring is designed with a high level of water resistance, allowing it to be worn during daily activities such as hand washing or in rainy conditions. However, it is not recommended for prolonged submersion or high-pressure water activities like diving.



Figure 5: Smart Ring demonstrating water resistance

4.2 Cleaning and Storage

- To clean the ring, wipe it gently with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials, which could damage the finish.
- Store the ring in a dry place away from extreme temperatures and direct sunlight when not in use.

5. TROUBLESHOOTING

5.1 Ring Not Responding

- **Check NFC Activation:** Ensure NFC is enabled in your smartphone's settings.
- **Correct Placement:** Verify that the ring is placed directly over your phone's NFC antenna area. This area can vary by phone model.
- **Phone Compatibility:** Confirm your smartphone model supports NFC functionality.
- **NFC App Functionality:** Ensure your NFC application is running and correctly configured. Try restarting the app.

5.2 Data Transfer Issues

- **Data Size:** Some NFC chips have limited storage. Ensure the data you are trying to write or read is within the ring's capacity.
- **Interference:** Avoid placing the ring near other NFC tags or metallic objects during data transfer.

5.3 Application Lock/Unlock Failure

- **Reprogram Ring:** If the feature stops working, try reprogramming the lock/unlock command to the ring using your NFC application.
- **App Permissions:** Ensure the NFC application has all necessary permissions on your smartphone to control other applications.

6. SPECIFICATIONS

| | |
|---------------------------|---|
| Model Number | WN-SR01 |
| ASIN | B07Y32BWKT |
| Product Dimensions | 1.57 x 1.97 x 0.2 inches |
| Item Weight | 0.352 ounces (0.01 Kilograms) |
| Manufacturer | Wendry |
| Connectivity | NFC (Near Field Communication) |
| Power Source | No external power required (passive device) |

7. WARRANTY AND SUPPORT

For warranty information and technical support regarding your Wendry NFC Smart Ring, please refer to the documentation provided at the time of purchase or contact Wendry customer service directly. Contact details can typically be found on the product packaging or the official Wendry website.

When contacting support, please have your product model number (WN-SR01) and purchase details readily available.