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> Instruction Manual for NOUKAJU Magnetic USB Charging Cable for Kimeag S90 Smart Watch

## NOUKAJU S90 Charger

# Instruction Manual

## NOUKAJU MAGNETIC USB CHARGING CABLE FOR KIMEAG S90 SMART WATCH

*Model: S90 Charger*

### 1. INTRODUCTION

Thank you for purchasing the NOUKAJU Magnetic USB Charging Cable. This cable is specifically designed for the Kimeag S90 Smart Watch, providing a convenient and secure charging solution. Its magnetic design ensures easy connection, while built-in safety features protect your device during charging.

This manual provides detailed instructions on how to set up, operate, and maintain your charging cable, along with troubleshooting tips and product specifications.

### 2. PRODUCT OVERVIEW



**Figure 2.1:** NOUKAJU Magnetic USB Charging Cable with Kimeag S90 Smart Watch for illustration.

This image displays the black magnetic USB charging cable alongside a Kimeag S90 Smart Watch. The cable features a standard USB-A connector on one end and a magnetic charging puck with two contact pins on the other, designed to align with the watch's charging points.

### Key Features:

- **Compatibility:** Specifically designed for the Kimeag S90 Smart Watch.
- **High Durability:** Constructed from high-quality materials, offering excellent flexibility and resistance to bending (tested for over 10,000 bends).
- **Magnetic Connection:** Ensures easy and secure attachment to your smartwatch, preventing damage to ports.

- **Safe Charging:** Incorporates multiple protection mechanisms including overheating, short circuit, overvoltage, overcharge, electromagnetic field, and over-discharge protection.
- **Portability:** Lightweight and compact (60cm length), ideal for travel and daily use.

### 3. SETUP

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Setting up your NOUKAJU Magnetic USB Charging Cable is straightforward. Follow these steps to begin charging your Kimeag S90 Smart Watch.

1. **Unpack the Cable:** Carefully remove the charging cable from its packaging.
2. **Connect to Power Source:** Insert the standard USB-A end of the charging cable into a compatible USB power adapter (e.g., wall charger, computer USB port, power bank). Ensure the power source provides stable 5V output.
3. **Prepare Smart Watch:** Ensure your Kimeag S90 Smart Watch is clean around its charging contacts.
4. **Attach Magnetic Connector:** Bring the magnetic charging puck of the cable close to the charging contacts on the back of your Kimeag S90 Smart Watch. The magnets will automatically align and secure the connection.

# Smart Watch Magnetic Charging Cable

Just bring your device close to the charger and it will automatically attach to your device with magnets and start charging.



**Figure 3.1:** Illustrates the magnetic connection process. The image shows the magnetic charging puck of the cable automatically attaching to the back of the Kimeag S90 Smart Watch, highlighting the ease of connection.

## 4. OPERATING INSTRUCTIONS

Once the cable is set up, charging your Kimeag S90 Smart Watch is simple.

1. **Initiate Charging:** After connecting the magnetic puck to your watch and the USB-A end to a power source, your watch should indicate that it is charging (e.g., a charging icon or battery percentage increase).
2. **Monitor Charging:** Allow your watch to charge until it reaches your desired battery level or is fully

charged. The cable's safety features will help prevent overcharging.

3. **Disconnect:** Once charging is complete, gently pull the magnetic puck away from the watch. Then, disconnect the USB-A end from the power source.

### **Safety Features:**

This charging cable is equipped with multiple safety protections to ensure secure and efficient charging:

- **Overheat Protection:** Automatically protects the battery if it reaches high temperatures.
- **Short Circuit Protection:** Automatic shutdown in case of a short circuit, with current protection and automatic restoration once the fault is resolved.
- **Overvoltage Protection:** Effectively manages excessively high primary charge and discharge voltage.
- **Overcharge Protection:** Prevents the battery from being overcharged.
- **Electromagnetic Field Protection:** Blocks external magnetic fields to ensure normal operation.
- **Over-discharge Protection:** Effectively prevents the battery from being fully discharged.

# Made with high-quality components

After actual machine testing, it has high safety performance



## Overheat protection

Automatic protection when the battery is overheated



## Short circuit protection

Automatic shutdown in case of short circuit, current protection



## Overvoltage protection

Effectively solve the problem of excessively high primary charge and discharge voltage of batteries



## Overcharge protection

After the short circuit fault is resolved, the current output is automatically restored.



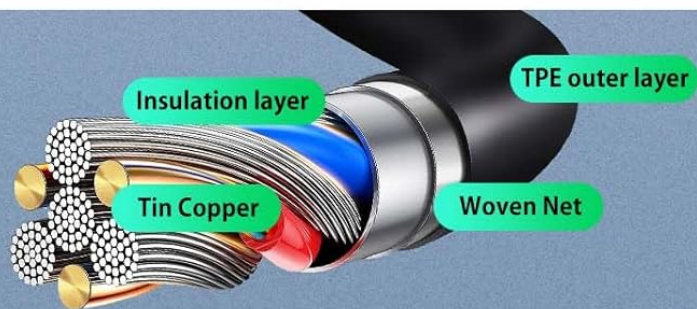
## Electromagnetic field protection

Protects normal operation by blocking external magnetic fields



## Over discharge protection

Effectively prevents the battery from being fully discharged



**Figure 4.1:** This diagram illustrates the various safety protections integrated into the charging cable, including overheat, short circuit, overvoltage, overcharge, electromagnetic field, and over-discharge protection. It also shows a cross-section of the cable's internal structure, highlighting the insulation layer, tin copper wires, woven net, and TPE outer layer.

## High working efficiency and fast charging speed

- ✓ Output short circuit protection
- ✓ Overvoltage and overload filter protection
- ✓ Excellent anti-interference ability

NOUKAJU



Other companie



**Figure 4.2:** This image visually compares the charging efficiency and speed of the NOUKAJU charger against a generic "Other company" charger, indicating superior performance for the NOUKAJU product in terms of output short circuit protection, overvoltage/overload filter protection, and anti-interference ability.

## 5. MAINTENANCE

Proper care and maintenance will extend the lifespan of your NOUKAJU Magnetic USB Charging Cable.

- **Keep Clean:** Regularly wipe the magnetic charging contacts on both the cable and your smartwatch with a soft, dry cloth to ensure optimal connection. Avoid using abrasive cleaners or solvents.
- **Store Properly:** When not in use, coil the cable neatly. Avoid sharp bends or kinks, especially near the connectors, to prevent internal wire damage.

- **Avoid Extreme Conditions:** Do not expose the cable to extreme temperatures, direct sunlight, or high humidity.
- **Handle with Care:** While durable, avoid excessive force when connecting or disconnecting the cable. The magnetic design is intended for gentle attachment.



**Figure 5.1:** This image highlights the advantage of the magnetic charging cable by showing how it prevents damage to cables and dock connectors, contrasting it with traditional connectors that are prone to wear and tear (indicated by red 'X' marks on damaged traditional connectors).

# Easy to carry

Small size, easy to carry and does not take up space.



**Figure 5.2:** This image demonstrates the portability of the charging cable, showing a hand placing the neatly coiled cable into a laptop bag, emphasizing its small size and ease of transport for various scenarios.

## 6. TROUBLESHOOTING

If you encounter issues with your charging cable, try the following solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Watch not charging	<ul style="list-style-type: none"> <li>◦ Loose connection</li> <li>◦ Dirty charging contacts</li> <li>◦ Faulty power source</li> <li>◦ Incompatible watch model</li> </ul>	<ul style="list-style-type: none"> <li>◦ Ensure magnetic puck is firmly attached to watch.</li> <li>◦ Clean charging contacts on both cable and watch.</li> <li>◦ Try a different USB power adapter or port.</li> <li>◦ Verify your watch is a Kimeag S90 model.</li> </ul>
Slow charging	<ul style="list-style-type: none"> <li>◦ Low power output from source</li> <li>◦ Background apps on watch</li> </ul>	<ul style="list-style-type: none"> <li>◦ Use a power adapter with sufficient output (e.g., 5V/1A).</li> <li>◦ Close unnecessary applications on your smartwatch.</li> </ul>
Cable appears damaged	<ul style="list-style-type: none"> <li>◦ Physical stress</li> </ul>	<ul style="list-style-type: none"> <li>◦ Discontinue use immediately. Contact customer support for assistance.</li> </ul>

## 7. SPECIFICATIONS

Feature	Detail
Brand	NOUKAJU
Model Compatibility	Kimeag S90 Smart Watch
Connector Type	USB-A to Magnetic Pogo Pin
Cable Length	3.28ft / 1m
Color	Black
Special Feature	Magnetic, Safe Charging (Overheat, Short Circuit, Overvoltage, Overcharge, EMF, Over-discharge Protection)
Package Dimensions	1 x 1 x 0.1 inches
Item Weight	3.53 ounces
Manufacturer	NOUKAJU

# Various usage scenarios

Use at home, in the office, in the car or while traveling



**Figure 7.1:** This image illustrates the versatility of the charging cable, showing it being used in multiple environments: an office desk with a laptop, a travel setting, inside a car, and during a gym workout, emphasizing its adaptability for various daily scenarios.

## 8. WARRANTY AND SUPPORT

### Product Warranty:

NOUKAJU stands behind the quality of its products. If you have any questions or concerns regarding your charging cable, please do not hesitate to contact us. We are committed to providing prompt assistance and ensuring your satisfaction.

## How to Contact Support:

For any inquiries or support needs, please follow these steps:

1. Log in to your Amazon account.
2. Navigate to "Account Services".
3. Select "Order History".
4. Locate your order for the NOUKAJU Magnetic USB Charging Cable.
5. Click on the "Seller" link.
6. Choose "Ask a Question" to send us a message directly.

*We aim to respond as soon as possible and resolve any issues to your satisfaction. Please buy with confidence.*