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FEICHONGHO Battery version

FEICHONGHO Single Watch Winder (Battery Version) Instruction Manual

Model: Battery Version (W400)

Introduction Compatibility Setup Operation Maintenance Troubleshooting Specifications Warranty & Support

1. Introduction

This manual provides instructions for the FEICHONGHO Single Watch Winder (Battery Version), designed to keep your automatic watch wound and ready for use. This device features adjustable speed modes and a timer function, ensuring optimal care for your timepiece.

The watch winder is constructed from plastic and weighs approximately 335 grams. It is powered by a built-in 1200 mAh battery, offering approximately 10 days of operation on a full charge. It can also be connected to a mobile phone charger or other USB interfaces for power. Input should be DC5V, ≤2A. Do not use power supplies higher than 5V (e.g., 5.1V or 6V).



Image 1.1: FEICHONGHO Single Watch Winder (Battery Version).

2. Watch Compatibility and Size

2.1 Watch Compatibility

The watch winder is compatible with automatic watches where the rotating center of the oscillating weights overlaps with the center of the watch. Refer to the image below for examples of compatible and incompatible watch movements.



Image 2.1: Watch compatibility guide. Ensure your watch's oscillating weight rotation aligns with the watch center for proper winding.

2.2 Watch Size

The inner circumference of the watch should not exceed 21.5 cm (8.46 inches) to fit properly on the watch holder.



Image 2.2: Watch size guide. The watch's inner circumference must not exceed 21.5 cm (8.46 inches).

3. Setup

3.1 Assembly

The watch winder is designed for easy assembly. Connect the main tower structure to the base. Ensure all components snap securely into place.

3.2 Power Connection

The device has a built-in 1200 mAh battery. To charge or power the device, connect it to a DC5V, ≤2A USB power source, such as a mobile phone charger or computer USB port. Do not use power supplies exceeding 5V.

3.3 Placing the Watch

Carefully place your automatic watch onto the watch holder. Ensure the watch is securely seated and not suspended at the bottom, as this can affect winding efficiency.

Your browser does not support the video tag.

Video 3.1: Watch Winder Installation Instructions. This video demonstrates the assembly and watch placement for the winder.



Image 3.1: Watch Holder. The holder is designed to accommodate a single watch, suitable for both small women's watches and larger men's watches.

4. Operation

4.1 Starting the Device

1. **Step 1:** Press the power switch for 3-4 seconds to turn on the device. Set it to fast mode (two green LED lights will be on simultaneously).
2. **Step 2:** Release the pendulum from a 90-degree angle to initiate the winding motion.

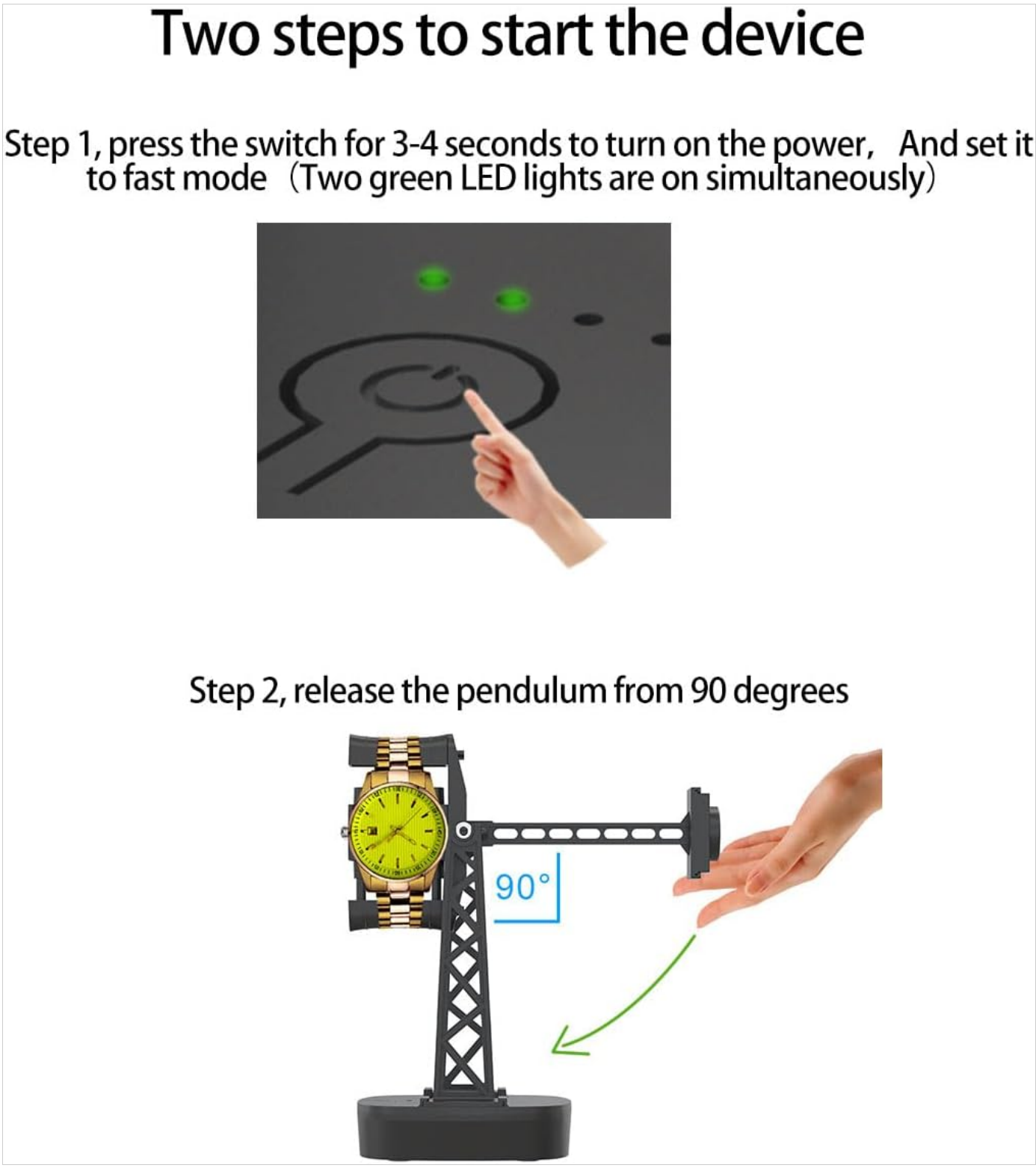


Image 4.1: Two steps to start the device. Follow these steps to power on and begin the winding process.

4.2 Speed Modes

The watch winder offers three adjustable speed modes to suit different watch requirements:

- **Low-speed mode:** For watches requiring minimal winding.
- **Medium-speed mode:** A balanced setting for most automatic watches.
- **Fast mode:** For watches that require more frequent winding.

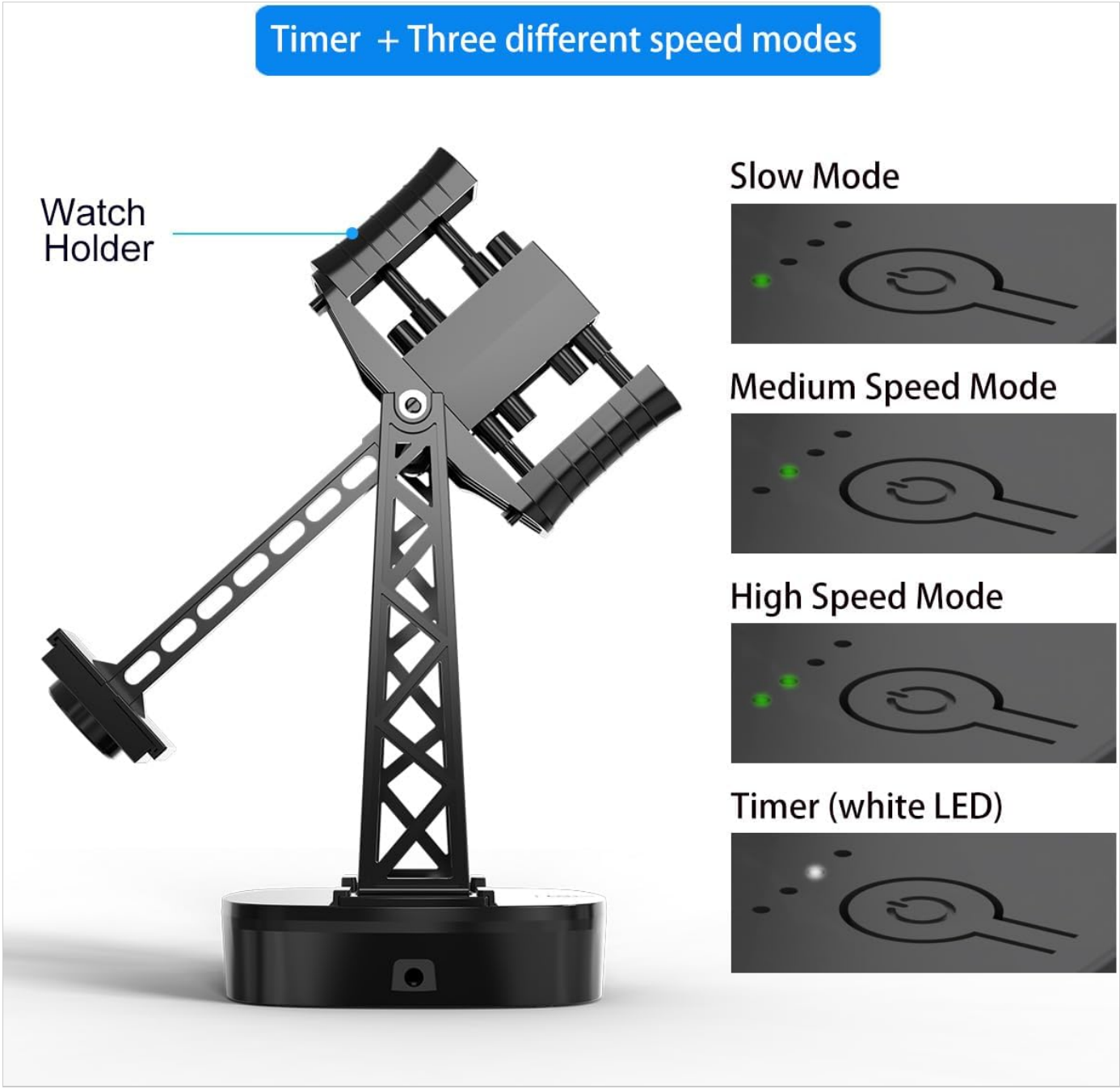


Image 4.2: Speed and Timer settings. Select the appropriate speed mode using the controls on the device.

4.3 Timer Function

The device includes a timer function that allows you to set an automatic shutdown period from 1 to 12 hours. This helps prevent overwinding and conserves battery life.

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Video 4.3: New Watch Winder. This video demonstrates the watch winder in operation, showcasing its movement and functionality.

5. Maintenance

To ensure the longevity and optimal performance of your watch winder, follow these maintenance guidelines:

- Keep the device clean by wiping it with a soft, dry cloth.
- Avoid exposing the winder to extreme temperatures, direct sunlight, or high humidity.
- Do not use abrasive cleaners or solvents, as these can damage the plastic material.
- Ensure the watch is properly seated to prevent unnecessary strain on the winding mechanism.

6. Troubleshooting

If you encounter any issues with your FEICHONGHO Single Watch Winder, refer to the following common problems and solutions:

- **Device not turning on or charging:**
  - Ensure the USB cable is securely connected to both the device and a compatible DC5V, ≤2A power source.
  - Verify that the power source is active.
  - If using battery power, ensure the battery is charged.
- **Watch not winding properly:**
  - Check that the watch is correctly placed on the holder and not suspended.
  - Confirm that the watch is compatible with the winder (refer to Section 2.1).
  - Adjust the speed mode to a higher setting if your watch requires more winding.
- **Unusual noise during operation:**
  - The device operates with very low noise. A slight ticking sound may be present but should not be disruptive.
  - Ensure the device is placed on a stable, flat surface.
  - Check for any obstructions around the pendulum or watch holder.

If the issue persists, please contact customer support for assistance.

7. Working Principle and Magnetization

7.1 Working Principle

This watch winder operates on the principles of electromagnetic drive, similar to a motor. This design aims for greater durability compared to traditional box-style winders that use motors with carbon brushes prone to wear.

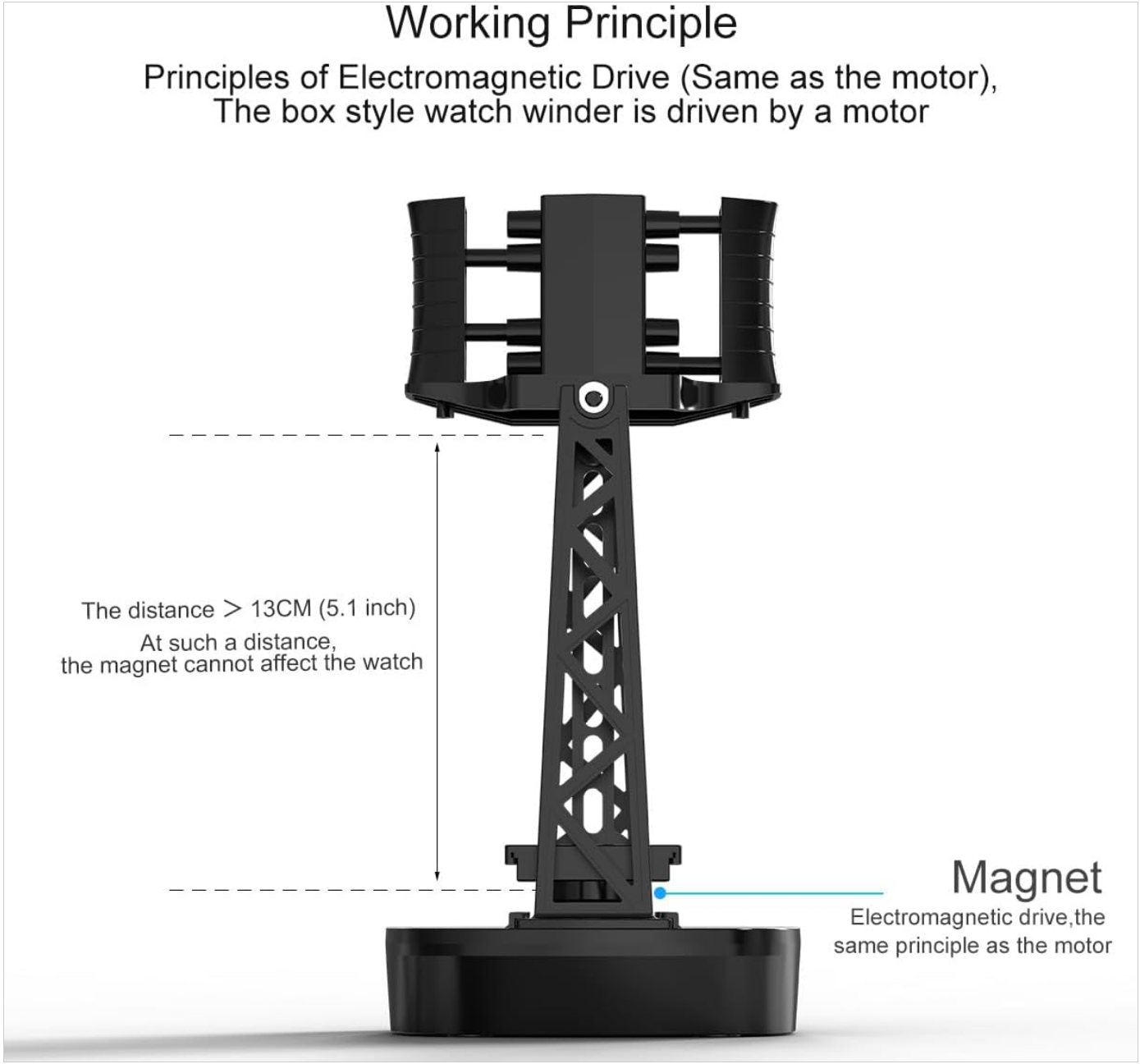


Image 7.1: Working Principle. The device uses an electromagnetic drive, with a magnet in the base positioned to avoid affecting the watch.

7.2 Magnetization Prevention

The magnetism generated by this device is weak and designed not to magnetize your watch. Its magnetic field strength is significantly lower than that of many box-style winders and even common electronic devices like mobile phones.



Image 7.2: Magnetization Comparison. The winder's magnetic field is minimal, reducing the risk of watch magnetization.

8. Specifications

Feature	Detail
Model Name	W400 (Battery Version)
Brand	FEICHONGHO
Material	Plastic
Power Source	Battery Powered (Built-in 1200 mAh battery)
Input Voltage	DC5V, ≤2A (USB interface)
Battery Life (Full Charge)	Approximately 10 days
Timer Function	Adjustable 1-12 hours shutdown

Feature	Detail
Speed Modes	Low, Medium, Fast (3 modes)
Supported Watches	Single automatic watch
Max Watch Inner Circumference	21.5 cm (8.46 inches)
Item Weight	335 Grams (11.82 ounces)
Package Dimensions	6.57 x 4.65 x 3.03 inches

9. Warranty & Support

9.1 Manufacturer Warranty

This FEICHONGHO watch winder comes with a**1-year limited manufacturer warranty**. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

If you have any questions, require assistance, or experience issues not covered in this manual, please contact FEICHONGHO customer support. Refer to your purchase documentation for contact details.

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