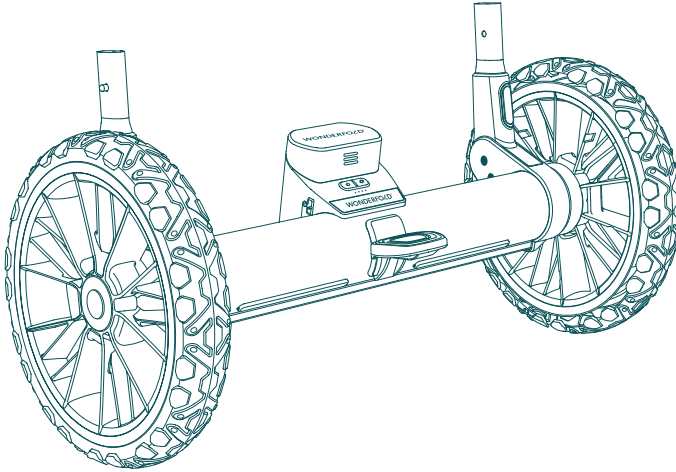


## W-Series E-Assist Wheels



### **Speed Controls**

Accelerate and decelerate effortlessly for the perfect pace

### **Auto Power Off**

The E-Assist Wheels deactivate when the button isn't pressed

### **Smooth Turning**

The E-Assist Wheels offer seamless function for turning right and left

### **Versatile Power**

The battery doubles as a portable phone charger

### **Rocking Mode\***

Gently rocks to keep your baby cozy and relaxed

### **Rechargeable Battery**

Power up your adventure with a rechargeable battery that's easily removable

### **Uphill Assist**

Gives you an extra boost when you need it most

### **Downhill Assist**

Glide down slopes safely and smoothly

\* Due to natural friction between the front and rear wheels, the stroller wagon may gradually move backward while in rocking mode. Always ensure that an adult is present to supervise when using this feature to prevent any unintended movement.

# **WARNING**

IMPORTANT – READ CAREFULLY AND KEEP FOR FUTURE REFERENCE.

## **1. General Precautions**

- Keep the device away from fire, high temperatures, water, high currents, high voltages, and corrosive liquids.
- Never use near water—pools, puddles, oceans, lakes, or rain.
- Do not modify or alter the E-Assist Wheels remote control, or power supply.
- Regularly inspect the E-Assist Wheels and stroller wagon for damage or wear.

## **2. Battery Safety**

- Use only the original charger to charge the battery.
- Unplug the charger promptly once the battery is fully charged to prevent overcharging.
- Charge the battery when it reaches 25%. If unused for a prolonged period, recharge every three months to maintain performance.
- Avoid charging the battery near heat sources or in high temperatures.
- Keep the battery in a cool, dry place, and do not place heavy objects on it.
- Stop using the battery if you notice heat, smoke, or leakage, and contact customer service.
- Avoid frequent charging to extend battery life and reduce wear.

## **3. Overheat Protection Mode**

- If you notice a sudden drop in power, the motor may have entered Overheat Protection Mode. This is a built-in safety feature designed to protect the motor from damage.
- Please allow the motor to cool down for 30 minutes before resuming use. Operating the motor before it has fully cooled may shorten its lifespan or pose a safety risk.

## **4. Remote Control Batteries**

- The remote control requires 2 AA batteries.
- Install them correctly before use.
- Remove the batteries if the remote will not be used for an extended period.

## **5. Wheel Installation**

- Ensure the wheels are securely attached. Test by gently pulling to confirm they are firmly in place.

## 6. Driving Modes and Usage Guidelines

- The E-Assist Wheels are intended for adult use only. The person pushing or controlling the stroller wagon must be 18 years of age or older at all times when E-Assist Wheels are engaged.
- Always look ahead—watch for obstacles, uneven surfaces, or risky terrain.
- Never use near traffic, vehicles, pools, water, pedestrians, pets, bicycles, steep inclines, or steps.
- Do not use on wet, icy, muddy, loose gravel, or sandy surfaces.
- Use only on smooth dry surfaces. No stunts/off-road.
- Do not accelerate or brake suddenly, especially on slick surfaces.
- Always keep both hands on the stroller wagon handlebar while using E-Assist Wheels.
- Never release the stroller wagon when in operation.
- Always select the correct driving mode:
  - Uphill: Use "Uphill Mode" for maximum power.
  - Ensure the forward direction is selected.
  - Flat Roads: Select normal or high speed (indicated by a red light).
  - Left, right, and reverse functions work only in flat road mode.
  - Downhill: Use "Downhill Mode" for electronic assistance.
  - Avoid using Uphill or Flat Road modes while descending.
- Follow all local and national laws regarding usage, speed limits, and public operation.

## 7. Slope and Load Limits

- Manual assistance is required to climb a slope.
- Maximum slope: 7° under normal conditions (temperature below 77°F/25°C, load under 220 lbs. (100 kg), and battery fully charged).
- Avoid climbing continuously for more than 50m.
- Avoid staying on a slope when the battery is below 25%.

## 8. Temperature Monitoring

- Check the rear pipe temperature after extended use. Allow the device to cool before resuming if it becomes too hot.

## 9. Braking

- Engage the mechanical brake when leaving the stroller unattended to ensure stability.
- Use the mechanical brake on slopes; electronic braking is for flat roads only.

## 10. Auto Power-Off

- The device powers off after 10 minutes of inactivity.
- Ensure the stroller wagon is not on a slope and engage the mechanical brake, as electronic braking will not function when powered off.

## 11. Charger Safety

- Always unplug the charger after use to prevent overheating or fire risks.

## 12. FCC/Legal Notices

- This device complies with FCC Part 15 regulations for Class B digital devices.
- Must not cause harmful interference.
- Must accept interference received, including interference that may cause undesired operation.
- This device complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions to ensure compliance with RF exposure requirements. This transceiver must not be co-located or operated in conjunction with any other antenna, transmitter, or external amplifier.

## California Proposition

### **65 Warning**

**WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

For more information visit: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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How to Attach the E-Assist Brake Bar / How to Attach the Rear Wheels/

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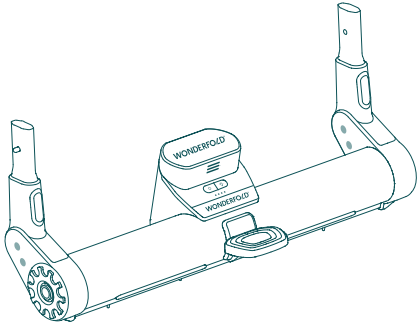
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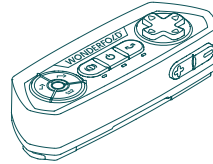
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| Specifications     | W2                             | W4                             |
|--------------------|--------------------------------|--------------------------------|
| Weight with Wheels | Standard: 7.95 kg (17.53 lbs.) | Standard: 8.13 kg (17.92 lbs.) |
|                    | Pro: 7.96 kg (17.55 lbs.)      | Pro: 8.14 kg (17.95 lbs.)      |
| Weight Capacity    | 90.7 kg (200 lbs.)             | 136 kg (300 lbs.)              |
| Certification      | UL/CSA/EN62368-1, CB+NRTL      |                                |

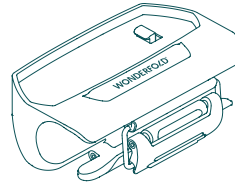
# Part Check List



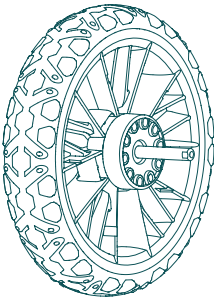
× 1  
**Brake Bar**



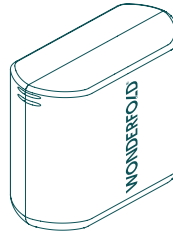
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**Control**



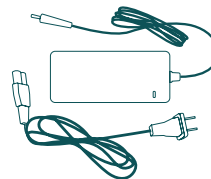
× 1  
**Control Base**



× 2  
**Wheels**



× 1  
**Battery**



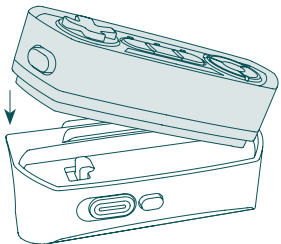
× 1  
**Battery Charger**

Please make sure that all parts are included. If any parts are missing or broken, or if you need assistance assembling your stroller wagon, please contact us at [hello@wonderfold.com](mailto:hello@wonderfold.com)

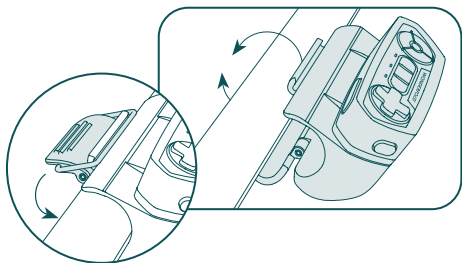
## Assembly

### How to Attach the Controller

1. Insert the controller into the base until you hear a click.

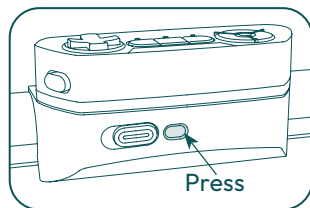


2. Attach to the handlebar then lock the clasp to secure.

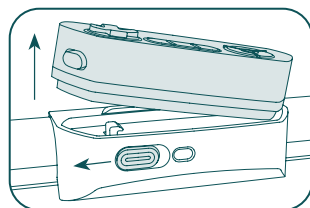


### How to Remove the Controller

1. Press the button to unlock.

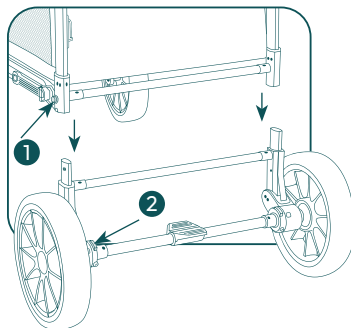


2. Slide the switch to unlock then remove the controller from the base.



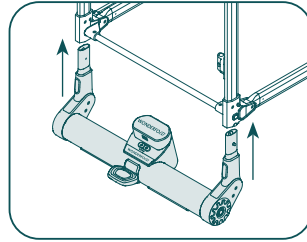
### Removing the Existing Rear Wheels and Brake Bar from the Stroller Wagon:

1. Press the release buttons located on both sides of the wagon frame to detach the rear brake bar.
2. To remove the rear wheels, press the release button on the inside of each brake set, then pull the wheel straight out.



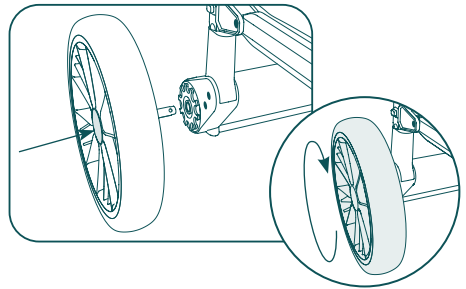
## How to Attach the E-Assist Brake Bar

1. Line up and connect the rear wheel assembly to the rear tube joint.
2. Check that the clips are in place on both sides of the wheel housing.



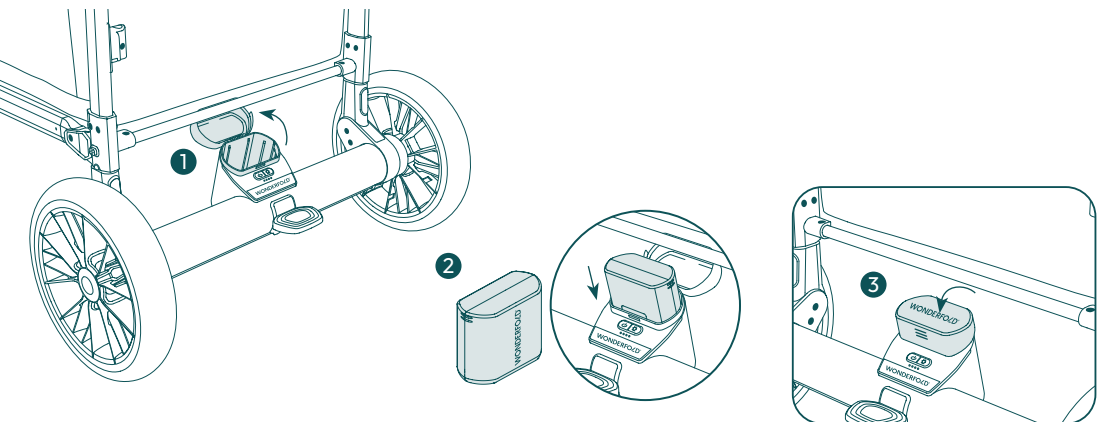
## How to Attach the Rear Wheels

1. Press the middle button on the wheel.
2. Insert the wheel then gently rotate it until it clicks into place.



## How to Insert the Battery

1. Flip open the battery cover.
2. Insert the battery with the label facing towards you.
3. Close the cover to secure.



## How to Use the Controller

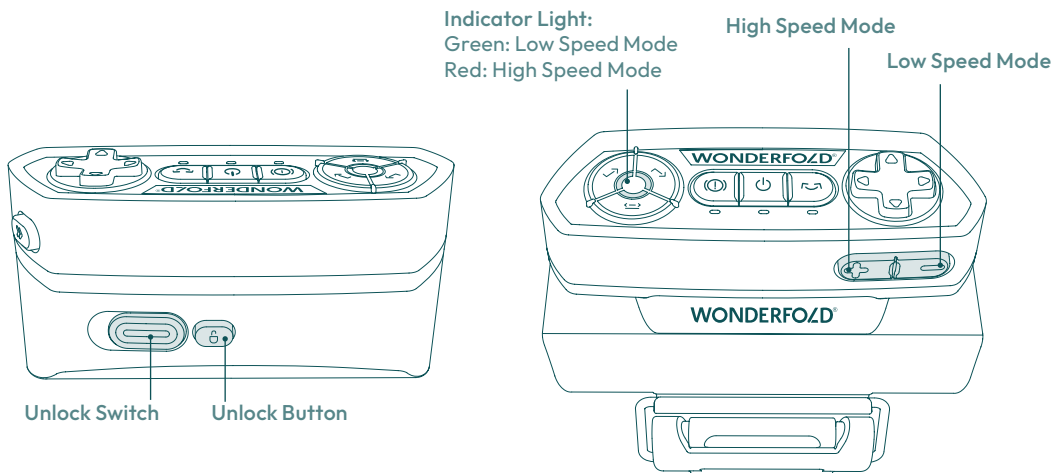
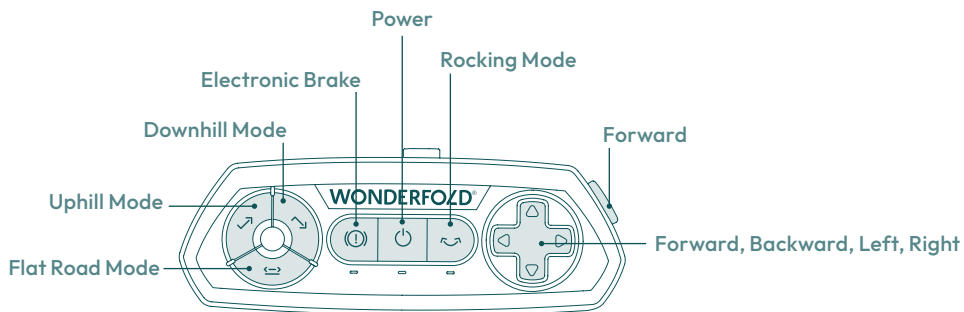
### How to Turn On/Off

#### 1. Controller:

Press and hold the power button until the light changes.

#### 2. Battery Hub:

Press and hold the power button until the light changes.



### ⚠ CAUTION:

Press only one directional button at a time to prevent malfunction.

## Features

**Battery:** The built-in rechargeable battery also functions as a power bank for charging your devices on the go.

## ⚠ Warning

Battery performance may be affected by extreme temperatures and humidity.

## Recommended Conditions:

- Operating Temperature: 32°F to 95°F (0°C to 35°C)
- Storage Temperature: 14°F to 113°F (-10°C to 45°C)
- Humidity: Store in a dry, well-ventilated area. Avoid prolonged exposure to high humidity.

## Specifications:

### Speed:

- Flat Road Mode (Low Speed):  $1.8 \pm 0.3$  mph  
 $3 \pm 0.5$  km/h
- Flat Road Mode (High Speed):  $2.2 \pm 0.3$  mph  
 $3.5 \pm 0.5$  km/h

(Measured on a fully charged battery, flat cement road, 154 lbs. (70 kg) load, no manual assistance)

### Battery Life:

- Flat Road Mode (Low Speed):  $2.5 \pm 0.5$  hours
- Flat Road Mode (High Speed):  $2 \pm 0.5$  hours
- Uphill Mode Range:  $0.6 \pm 0.1$  miles ( $1 \pm 0.2$  km)

(Measured with alternating uphill/downhill paths, 154 lbs. (70 kg) load, with manual assistance)

### Rocking Mode:

- Swing Rate:  $15 \pm 3$  swings per minute

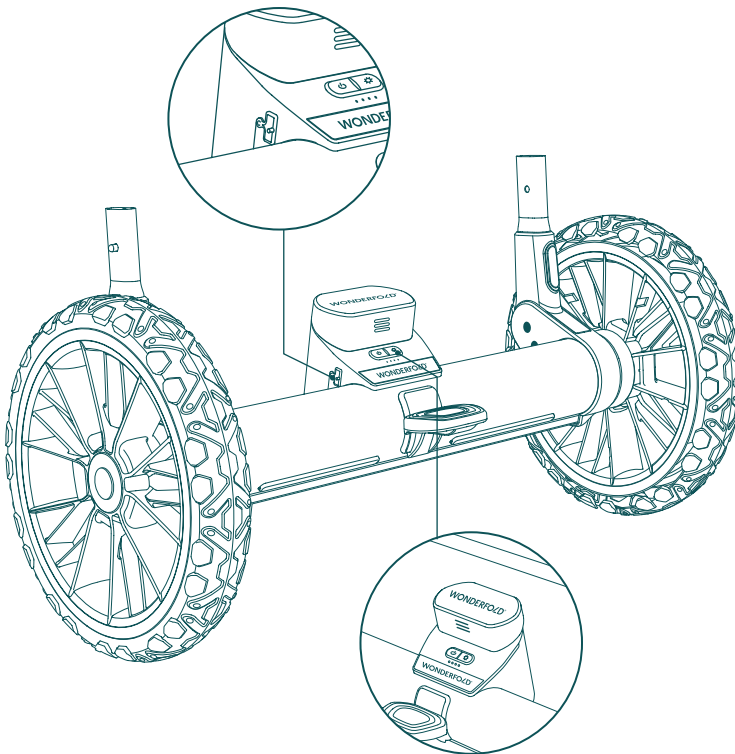
## Using the USB Port

Use the USB port to charge your personal device when the E-Assist Wheels are not in use.

Note: Charging through the USB port may reduce the battery life available for the electric wheel.

### ⚠ CAUTION:

Always unplug any device from the USB port before activating the electric wheel for safety.

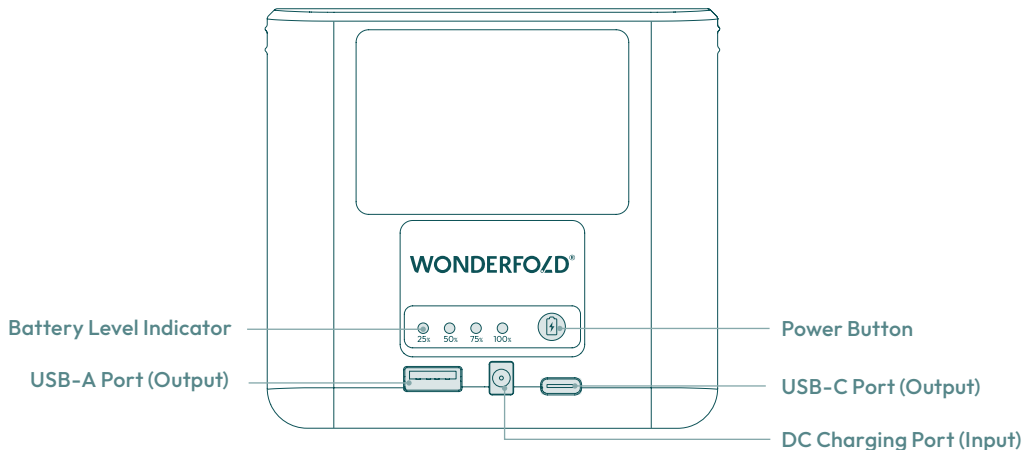


## Using the Ambient Light

Press the power button to turn on/off.

Press the light button to cycle through white, blue, and yellow.

## Rechargeable Battery



## Operation Guide

### Charging the Battery:

- Connect the included DC adapter to charge the battery. The power indicator lights will blink to show charging is in progress. When all indicator lights turn solid green, the battery is fully charged.
- Approximate charging time (0%–100%): 3 hours.

### Charging a Device:

- Plug your device into the USB-A or USB-C port. Charging should begin automatically. If it doesn't, press the power button to activate charging.

### Checking Battery Level:

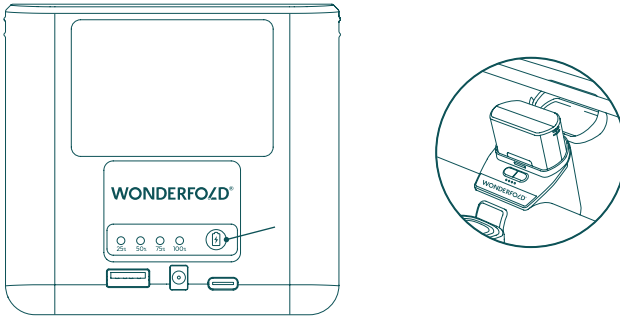
- Press the power button to check the battery level:
 

|                                 |                           |
|---------------------------------|---------------------------|
| 4 lights on: 75%–100%           | 3 lights on: 50%–75%      |
| 2 lights on: 25%–50%            | 1 light on: Less than 25% |
| 1 blinking light: Less than 10% |                           |

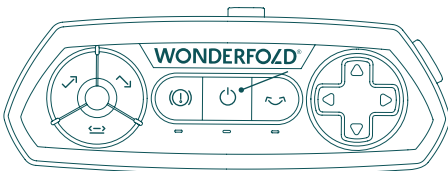
## Pairing the Controller and Battery

If the controller disconnects from the battery, follow the steps below for pairing.

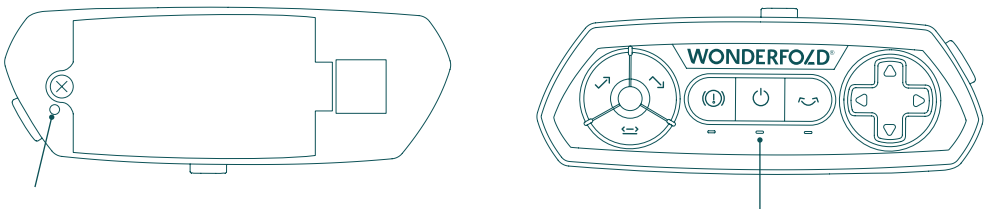
1. Turn on the battery and insert it into the cover.



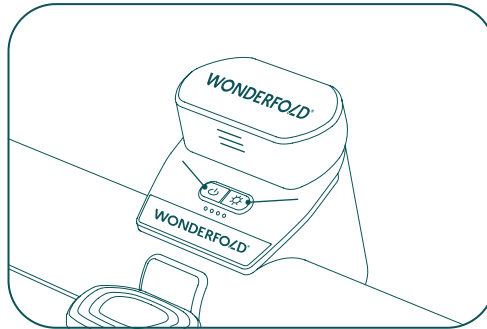
2. Press and hold the power button on the controller to turn it on.



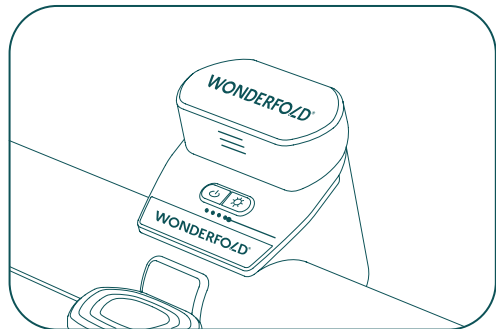
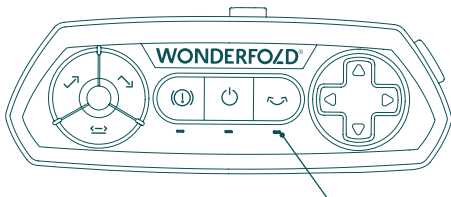
3. Use a thin stick or pin to press the button inside the bottom of the controller. The light under the power button will start flashing.



4. Press and hold the right button (light icon) on the battery for 3 seconds. Then press the left button (power icon) simultaneously, and hold both buttons down for 5 seconds.



5. When properly paired, the light on the controller will stop flashing, and the lights on the battery will turn on.



## Maintenance and Care

### Storage:

If not in use for an extended period, keep the battery charged to at least 50%.  
Recharge the battery at least once every two months to maintain performance.

### Cleaning:

Use a dry cloth to wipe the surface.

Avoid using water or cleaning liquids to prevent moisture from entering the device.

## Warranty

### Limited warranty.

See [wonderfold.com/pages/warranty](https://wonderfold.com/pages/warranty) or call toll-free (888) 681-1526 for more details.

## WONDERFOLD®

5796 Martin Rd

Irwindale, CA 91706

[hello@wonderfold.com](mailto:hello@wonderfold.com)

1 (888) 681-1526

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