

## WHILL Fi

# WHILL Model F Power Chair User Manual

Model: Fi

## 1. INTRODUCTION

Welcome to the WHILL Model F Power Chair User Manual. This guide provides essential information for the safe and effective use, maintenance, and troubleshooting of your new WHILL Model F. Please read this manual thoroughly before operating the device.

The WHILL Model F is a revolutionary foldable power chair designed for convenience, performance, and smart technology integration. It offers enhanced mobility for adults and elderly users, featuring a lightweight design, remote control capabilities via a dedicated app, and excellent maneuverability for both indoor and outdoor environments.

## 2. SAFETY INFORMATION

Your safety is paramount. Adhere to all safety guidelines to prevent injury or damage to the device.

- **Maximum Weight Capacity:** Do not exceed the maximum user weight of 250 lbs (113 kg).
- **Remote Lock:** Always engage the remote lock feature when the chair is not in use to prevent unintended movement.
- **Air Travel:** If traveling by air, consult with your airline regarding their specific policies for mobility devices and batteries. Follow all safety guidelines for air travel, including battery removal and proper storage as instructed by the airline and WHILL.
- **Obstacle Clearance:** The Model F can climb obstacles up to 1.4 inches (3.5 cm) high. Do not attempt to climb higher obstacles.
- **Environmental Use:** Designed for both indoor and outdoor use on hard floors and carpets. Avoid extreme temperatures or wet conditions.

## 3. PRODUCT OVERVIEW

The WHILL Model F combines innovative design with practical features for enhanced mobility.

### Key Features:

- **Foldable & Lightweight:** Folds in less than 3 seconds and weighs less than 53 lbs (24 kg) when the battery is removed, making it highly portable.
- **High Performance:** Offers a 12.4-mile (20 km) range per charge with its Lithium-ion battery, a 250 lb (113 kg) user weight capacity, and a top speed of 3.7 mph (6 km/h).
- **Remote Control:** Utilize the WHILL app to remotely drive and control the Model F.
- **Powerful & Maneuverable:** Equipped with two powerful motors, it can climb over obstacles up to 1.4 inches (3.5 cm) high. Its 30.7-inch (78 cm) turning radius allows for easy navigation in narrow spaces.

- **Adjustable:** Controller and armrest height, controller side (right or left), arm height, and arm width (18–20 inches / 45.7–50.8 cm between armrests) are all adjustable for personalized comfort.



Figure 3.1: WHILL Model F Power Chair (Unfolded)

# Portable Travel Electric Wheelchair

The perfect travel companion. The Model F foldable power chair easily folds in one simple motion.

- 30.7-inch turning radius
- 250-pound weight capacity
- 12.4-mile driving range
- 3.7 mph top speed
- Folds in less than 3 seconds
- Weighs less than 53 pounds
- Smart connectivity for remote app control



Figure 3.2: Portable Travel Electric Wheelchair Features

## 4. SETUP

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### 4.1 Unpacking

Carefully remove all components from the packaging. Ensure all included components are present: the chair, WHILL app (download required), remote control, and user manual.

### 4.2 Battery Installation & Initial Charge

1. Locate the battery compartment, typically under the seat or at the rear of the chair.
2. Insert the Lithium-ion battery securely until it clicks into place.
3. Connect the charger to the charging port on the chair and then to a standard electrical outlet.
4. Allow the battery to fully charge before first use. The charging indicator will show completion.

### 4.3 Unfolding the Chair

The WHILL Model F is designed for easy unfolding. Follow these steps:

1. Place the folded chair on a flat, stable surface.
2. Grasp the designated handle or frame part.
3. Gently pull upwards and outwards until the chair locks into its open position. Ensure all locking mechanisms are engaged.



Figure 4.1: Unfolding the WHILL Model F

## 4.4 Adjustments

Customize your chair for optimal comfort and control:

- **Armrest Height:** Adjust the armrests to your preferred height using the release levers.
- **Controller Side:** The controller can be mounted on either the right or left side of the chair. Consult the quick start guide for specific instructions on switching sides.
- **Arm Width:** Adjust the width between the armrests (18-20 inches) to suit your body frame.

## 5. OPERATING THE WHILL MODEL F

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### 5.1 Powering On/Off

To power on the chair, press and hold the power button on the controller until the indicator lights illuminate. To power off, press and hold the power button again until the lights turn off.

### 5.2 Driving Controls

The WHILL Model F is controlled via a joystick. Push the joystick in the desired direction to move. The further you push, the faster the chair will move, up to its maximum speed of 3.7 mph.

- **Forward/Backward:** Push the joystick forward or backward.
- **Turning:** Push the joystick left or right to turn. The chair has a tight turning radius of 30.7 inches for excellent maneuverability.
- **Stopping:** Release the joystick to its neutral position to engage the electromagnetic brakes and stop the chair.

### 5.3 Folding/Unfolding Procedure

The Model F features a quick-fold mechanism for easy transport and storage.

1. **To Fold:** Locate the lock release button (Figure 5.1). Press the button and gently push the backrest forward until the chair folds into its compact form. Ensure the chair is powered off before folding.
2. **To Unfold:** Refer to Section 4.3.



## Quick Fold

The lock release button allows for quick and easy folding for transport and storage.

Figure 5.1: Quick Fold Lock Release Button



## Foldability

Folds in less than 3 seconds. Length is only 18.3 inches when folded, allowing the Model F to be easily transported and stored

Figure 5.2: Folded Chair in Car Trunk



## Compact Storage

The Model F can be folded and stored when not in use. Its light weight makes it easy to move when folded.

Figure 5.3: Compact Storage

### 5.4 Using the WHILL App

The WHILL app allows for remote control and monitoring of your Model F. Download the app from your device's app store.

- **Pairing:** Follow the in-app instructions to pair your smartphone with the Model F via Bluetooth.
- **Remote Driving:** Use the app interface to remotely drive the chair, useful for parking or retrieving it from a distance.
- **Status Monitoring:** View battery level, mileage, and other diagnostic information.
- **Lock/Unlock:** Remotely lock or unlock the chair for added security.

## 6. MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your WHILL Model F.

- **Cleaning:** Clean the chair with a damp cloth. Avoid using abrasive cleaners or excessive water.
- **Battery Care:** Charge the battery as instructed in the manual. Do not allow the battery to fully discharge for extended periods. Store the battery in a cool, dry place if not in use for a long time.
- **Tire Inspection:** Periodically check the tires for wear and tear.
- **General Inspection:** Regularly inspect all moving parts, connections, and fasteners for any signs of damage or looseness. Contact customer support if you notice any issues.

## 7. TROUBLESHOOTING

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If you encounter issues with your WHILL Model F, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Specification	Value
Item Weight	58.9 pounds (26.7 kg)
Weight (without battery)	Less than 53 pounds (24 kg)
Maximum Weight Recommendation	250 pounds (113 kg)
Top Speed	3.7 mph (6 km/h)
Range per Charge	12.4 miles (20 km)
Turning Radius	30.7 inches (78 cm)
Max Incline	1.4 inches (3.5 cm) obstacle clearance
Battery Type	Lithium Ion (1 included)
Seat Size	18 inch (457 mm) width
Foldable	Yes
Included Components	Chair, WHILL app, remote control, user manual






## 9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your purchase or visit the official WHILL website. WHILL provides customer support for any inquiries, technical assistance, or service needs.

**Contact Information:** Please visit the [WHILL Store on Amazon](#) or the official WHILL website for the most up-to-date support contact details.

### Related Documents

	<p><a href="#">WHILL Model Fi Operating Guide: Safe Use and Basic Operations</a></p> <p>Comprehensive operating guide for the WHILL Model Fi mobility vehicle, covering safety precautions, basic operations, folding/unfolding, charging, troubleshooting, and smartphone app pairing.</p>
	<p><a href="#">WHILL Model F Operating Guide: Safe Use and Basic Operations</a></p> <p>Comprehensive operating guide for the WHILL Model F electric wheelchair, covering safety precautions, basic operations, folding, unfolding, charging, and troubleshooting. Learn how to safely use and maintain your WHILL Model F.</p>

<div><div>Operating Guide</div><div>WHILL Model C2/Ci2</div><div></div><div><div>How to pair your smartphone app</div><div></div><div></div></div></div>	<div><div><a href="#">WHILL Model C2/Ci2 Operating Guide</a></div><div>Comprehensive operating guide for the WHILL Model C2/Ci2 mobility vehicle, covering safety precautions, basic operations, driving tips, disassembly, assembly, charging, and troubleshooting.</div></div>
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