## CALIBRATING YOUR M90

The wheels should be calibrated during the initial installation or if installing the wheels on a different chair.

The calibration process sets the M90's slope and hill thresholds based on the wheelchair, optimizing performance for the rider.

#### **CALIBRATION INSTRUCTIONS**

## IMPORTANT: Do not move the chair during calibration.

- Engage the wheelchair wheellocks, and remove the battery on the M90 wheel.
- 2. Press and hold either button on the wheel while re-inserting the battery.
- 3. When the lights turn ORANGE release the button.
- 4. Wait until the lights turn WHITE then GREEN.
- 5. When the lights are GREEN, remove and re-insert the battery. The wheel will been.
- 6. Repeat steps 1 5 on the other wheel.
- 7. Remove and swap wheels to the opposite sides and repeat steps 1 - 6.

NOTE Re-calibrating the wheels is the first step for any troubleshooting with the M90.







# SAFF DRIVING TIPS

Start Slow. We recommend anti-tips when operating the M90.

Start in Indoor mode in a safe, open environment. Practice stopping at specific points, turning while stationary, and turning while in motion.

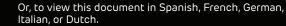
#### HILLS

Begin on a moderate hill with a gradual slope and a safe runout, avoiding immediate turns at the bottom. The M90 provides braking and descent control.

Adjust your body position to maintain balance and prevent tipping - leaning forward to go up or backward to descend. Ensure your trunk is properly supported, if necessary.



# SCAN HERE FOR SET-UP AND USE VIDEOS



Escanea para ver este documento en ESPAÑOL.

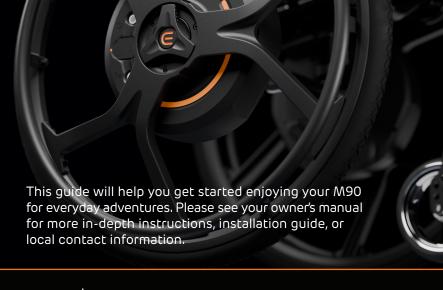
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LET'S GO!

GUIDE

SUNRISE MEDICAL CARES ABOUT YOUR SAFETY. Please read your owner's manual for safe operating instructions and maintenance guidelines.

## POWERING ON/OFF

When the batteries are installed, the wheels are powered on. The wheels will automatically search for the controller via a BTE connection.



Buttons on the M90 wheels are used as indicators and trouble shooting, not as an On/Off.

## THE DUAL CONTROLLER

Your M90 comes with two driving options:





## CONNECTING THE CONTROLLER

Press the Controller Power button once.

The Power Indicator LED (2) will flash white while connecting. (This may take up to 5 seconds.)

When connected, you will hear a beep, and the Power LED (2) will turn solid green.

With the wheels engaged, hold the toggle forward to enter drive mode. Both wheels will lock into place with a click, and the status light (3) will turn green when ready.



START / STOP  Push All-Way toggle forward to start. Let go of the toggle to stop. Handrims do not affect speed.  Push All-Way toggle forward or backward to proportionately accelerate or slow down.  STEERING  Move All-Way toggle in desired direction to steer.  Steer by moving the All-Way toggle forward until desired speed is reached, then press down to activate.  Steer by moving the All-Way toggle forward or backward or backward to increase or decrease speed level.  Steer by moving the All-Way toggle forward until desired speed is reached, then press down to activate.  Steer by moving the All-Way toggle forward or backward to increase or decrease speed level.  Steer manually using the handrims.  Steer manually with handrims.  Exit by pressing Speed Contoller toggle forward or backward to increase or decrease speed level.  Steer manually with handrims.  Exit by pressing Speed Contoller toggle down or by grabbing and holding the handrims.  A gentle boost that engages after a stop and allows you to reposition your chair using the handrims.  DRIVE PROFILE Indoor/Outdoor  Choose speed range (Base / Standard / Max) using the M90 App.  Choose speed range (Base / Standard / Max) using the M90 App.	FUNCTIONS	ALL-WAY TOGGLE CONTROLLER	SPEED CONTROLLER with HANDRIM STEERING
SPEED CONTROL  backward to proportionately accelerate or slow down.  Move All-Way toggle in desired direction to steer.  Steer manually using the handrims.  Steer manually using the handrims.  Tap Speed Contoller toggle forward or backward to increase or decrease speed level.  Steer by moving the All-Way toggle forward toggle right or left.  Exit by moving the All-Way toggle forward or backward to increase or decrease speed level.  Steer manually with handrims.  Exit by pressing Speed Contoller toggle down or by grabbing and holding the handrims.  MANUAL ASSIST  N/A  A gentle boost that engages after a stop and allows you to reposition your chair using the handrims.  DRIVE PROFILE Indoor/Outdoor  Choose speed range (Base / Stan-Choose speed range (Base / Standard / Max)	START / STOP	to start. Let go of the <b>toggle</b> to stop.	speed controller toggle down or use handrims
Press the All-Way toggle forward until desired speed is reached, then press down to activate.  CRUISE CONTROL  Steer by moving the All-Way toggle forward to increase or decrease speed level.  Exit by moving the All-Way toggle forward or backward to increase or decrease speed level.  Steer manually with handrims.  Steer manually with handrims.  Exit by pressing Speed Contoller toggle down or by grabbing and holding the handrims.  MANUAL ASSIST  N/A  A gentle boost that engages after a stop and allows you to reposition your chair using the handrims.  DRIVE PROFILE Indoor/Outdoor  Dual Controller  Choose speed range (Base / Stan-Choose speed range (Base / Standard / Max)	SPEED CONTROL	backward to proportionately	decrease speed step by step, up to level 5 in
CRUISE CONTROL  Steer by moving the All-Way toggle right or left.  Exit by moving the All-Way toggle forward or backward to increase or decrease speed level.  Steer manually with handrims.  Exit by pressing Speed Contoller toggle down or by grabbing and holding the handrims.  MANUAL ASSIST  N/A  A gentle boost that engages after a stop and allows you to reposition your chair using the handrims.  DRIVE PROFILE Indoor/Outdoor  Choose speed range (Base / Stan-Choose speed range (Base / Standard / Max)  Choose speed range (Base / Standard / Max)	STEERING		Steer manually using the handrims.
MANUAL ASSIST  N/A  allows you to reposition your chair using the handrims.  DRIVE PROFILE Indoor/Outdoor  Select using the M90 App or the Dual Controller  Choose speed range (Base / Stan-Choose speed range (Base / Standard / Max)		until desired speed is reached, then press down to activate.  Steer by moving the All-Way toggle right or left.  Exit by moving the All-Way toggle	backward to increase or decrease speed level.  Steer manually with handrims.  Exit by pressing Speed Contoller toggle down
Indoor/Outdoor  Dual Controller  Select using the M90 App or the Dual Controller  Choose speed range (Base / Standard / Max)	MANUAL ASSIST	N/A	allows you to reposition your chair using the
			Select using the M90 App or the Dual Controller
	DRIVE SETTING		