LET'S DRIVE!

Start slow. We recommend anti-tips while operating the R90.

Before you start, be sure the Control Box is connected.

Press once to lower the wheel. When you hear an audible signal from the R90 the wheel is completely lowered.

Press to start the R90 and to increase your speed.

Press the button in .5-second increments to continue increasing your speed. You cannot hold the button or press it faster to speed up faster.

PRO TIP You can manually propel the chair to your desired speed and then hit the plus button once to maintain that speed.

Press to slow down.

Press to stop power to the R90.

MANEUVERING

The R90's position directly under the chair allows you to maneuver and turn within your chair's original footprint.

Use the R90 to accelerate to a comfortable speed. Then practice turning by applying pressure to one hand rim or the other. Practice this in both directions and at different speeds.

PRO TIP The R90 will sense a tight turn and decrease the speed accordingly. The indoor drive profile is more sensitive to this than the outdoor drive profile.

HILLS AND RAMPS

Start slow. We recommend anti-tips while operating the R90.

Find a straight and moderate incline to practice.

GOING UP

Starting at least 3 meters from the base of the incline, start the R90 and gain momentum as you approach.

As you begin to ascend, the R90 will automatically increase power to the motor to help propel you up the incline. (Shifting your torso forward will improve your riding sensation and stability.)

GOING DOWN

If going down a slope, the R90 will stop power to the motor.

The R90 does not have a braking mechanism. You must perform all braking and speed control.

PRO TIP When you have reached the bottom of the incline, coast to your desired speed and then push the Plus Button once to maintain that speed.

⚠ **WARNING**

Using a power assist device can change your center-of-gravity or the way your chair rides. To reduce any risk of tip-over or fall, consult your healthcare provider about proper wheelchair configuration, including use of anti-tips and any other necessary adjustments.

EMPOWER YOUR LIFE

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

800.333.4000   www.SunriseMedical.com/Empulse

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LET'S GO! GUIDE

This guide will help you get started enjoying your R90 for everyday adventures. Please see your owner's manual for more in-depth instructions and installation guide.

E | R90

TOP VIEW

RELEASE LEVER

V-LOCK™ ATTACHMENT

CHARGING PORT

REMOVABLE BATTERY

DRIVE WHEEL UP/DOWN

START, SET, OR INCREASE SPEED

REDUCE SPEED

WHEEL-UP / WHEEL-DOWN

STOP POWER

ATTACH THE RECEIVER CLAMP*

Loosely fit the receiver clamp to the axle tube. It should be snug but still able to be manipulated or rotated on the tube.

PRO TIP Flip the chair over to more easily access the axle tube.

CENTER THE RECEIVER CLAMP

Use a tape measure to find the middle of the axle tube. Position the receiver clamp so there is equal distance between the clamp and each wheel.

PRO TIP On QUICKIE® rigid chairs, to quickly center and level the R90 receiver clamp, align the hole at the center of the axle tube with the hole at the center of the R90 receiver clamp. Threading a small Allen wrench (or similar) through the holes will easily align them.

LEVEL THE RECEIVER CLAMP

While seated in your chair, have someone adjust the receiver clamp so it is level. Tighten all 6 screws to 5.8 ft-lbs (7.8 Nm) to secure the receiver clamp.

TORQUE!
5.8 ft-lbs
7.8 Nm

* **FOR FOLDING CHAIRS:** refer to your owner's manual for instructions on installing the removable axle tube.

* Depending on your camber tube size, a spacer may be included for best clamp fit.

SET THE WHEEL UP POSITION

With the wheel up, slide the R90 into the receiver clamp. The V-lock™ system will lock the R90 into place.

Slide the included wheel height gauge under the wheel. The wheel height should be no higher than the thick side of the gauge labeled "NO GO" (3/8", 9.5mm) and no lower than the thin side of the gauge labeled "GO" (1/4", 6.4mm).

ADJUST THE WHEEL HEIGHT

Slightly loosen the two actuator fasteners (A) on the back of the R90 using a 4mm Allen wrench. Then adjust the wheel height using the manual height adjustment screw (B). Position the wheel so it rests between the "GO" and "NO GO" heights on the wheel height gauge. Retighten the two actuator bolts to 8.85 ft-lbs (12 Nm).

PRO TIP Insert the Allen wrench into the manual height adjustment first, then attach the R90 to the chair.

NOTE– If the Allen wrench interferes with the R90's ability to attach to the chair do not force a connection as you may damage the height adjustment.

CHECK– While seated in your chair, have someone use the power button to raise and lower the wheel. The wheel should make contact with the ground in the lowest position and have between 1/4 – 3/8 inch (6.4 – 9.5mm) of ground clearance when the wheel is up.

FRONT VIEW

A   A

TORQUE!
8.85 ft-lbs
12 Nm

TOP VIEW

B

DOWNLOAD THE SUNRISE INTELLIGENCE™ APP

Make sure Bluetooth on your mobile device is turned on. Open the **SI** app and tap "Connect".

Select your R90. Complete the pop-up windows accepting the Sunrise Medical legal agreement.

Enter your body weight and calibrate the R90 to your chair.

PRO TIP Entering your accurate weight optimizes the performance and drive parameters of the R90. You can always adjust this through the app settings.

You can download the Sunrise Intelligence™ app from here:

CONNECT THE CONTROL BOX

With a battery installed in the R90, press the STOP button to initiate the pairing process.

The R90 and Control Box will automatically search for each other. This will be indicated by alternating LED arrows on the Control Box.

When the LEDs flash 3 times, the Control Box and the R90 are connected.

3X