



AVIVA RX

Design. Technology. Performance.



Breakthrough powerchairs

Our new **AVIVA RX** rear wheel drive family has been designed to offer a high feature set of options, that have been blended with new technologies and elegant design, to provide maximum traction, comfort and control when driving both indoors and out.

The new AVIVA family has been customer insight led and brings new features to enhance the experience of the service user, as well as addressing the needs of providers, clinicians and engineers. **AVIVA** brings powerchairs into the 21st century.



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KEY FEATURES



◀ Design

- ▶ Clean lines, sleek angles and a quality finish really sets the **AVIVA RX** apart from the rest
- ▶ Allows personalisation of the seating system, base and controls
- ▶ Compact performance (only 560 mm wide) and manoeuvrability combined with driving range
- ▶ A seat to floor height of only 435 mm
- ▶ Can cater for battery sizes up to 73.5 Ah
- ▶ Perfect for use in small spaces with a tight turning radius
- ▶ Get up close to tables and into a WAV (wheelchair accessible vehicle)

Technology ▶

- ▶ Adaptive load compensation interprets, learns and adapts the motors to changes. Ensures the drive of the powerchair is optimised and well balanced over time
- ▶ In-built load compensation intelligence, compensates for imbalances and allows for more accurate and predictable control
- ▶ **LINX G-Trac** makes sure the directions indicated by the control are followed by the chair
- ▶ **LINX** interface makes it easy to configure individual settings via PC, laptop or iOS device
- ▶ Revolutionary programming allows wireless access to diagnose and update the control system
- ▶ **REM400** touch screen control requires minimal force to operate



- ▶ New **AXENDO** lighting system offers a road-legal light package using ultra-beam technology

◀ Performance

- ▶ Patented CTC Suspension system isolates the seat against vibrations and shocks
- ▶ All four wheels always remain in contact with the ground, providing optimum weight distribution
- ▶ Guarantees a smooth and silent driving experience.
- ▶ Enhanced servicing facility thanks to the easy access to motors, the gearbox, shrouds, tyres, wheels and hubs. Electronics placed at the front of the unit with all wiring/connections clearly visible, whilst the batteries can easily slide out of the rear



Customisation of the **AVIVA RX**

Max user weight 136kg

Adapts to the individuals personal preferences and clinical needs. An array of adjustment options available on the base and seating system.

1 Multi-functional Modulite seating system

Provides a complete range of postural solutions.

- ▶ Various seat cushions and backrest options, including Matrix®, Rea® and Flex 3.
- ▶ Stepless seat depth, width, angle and centre of gravity to ensure perfect fit
- ▶ Adjustable and removable legrests and armrests depending on individuals condition and requirements
- ▶ Powered elevating legrest to support legs and calves during full movement range
- ▶ Rail system for flexible accessory mounting
- ▶ 20° or 30° tilt and 30° recline for maximum pressure relief
- ▶ High pivot points to reduce shear

2 Allows individuals to personalise their chair

- ▶ Selection of modern colour options to choose from for the shrouds and rim inserts to allow the client to design the chair around their personality

3 Fine-tune the seat to ground height

- ▶ 435 mm, 460 mm or 485 mm
- ▶ Depending on the required height, centre of gravity changes or use with a WAV (wheelchair accessible vehicle)

4 Castor size options

- ▶ 8" for indoor use or tighter spaces
- ▶ 9" for comfortable outdoor driving when going over obstacles or rough terrain





10 Modular base width

- ▶ Standard: 560 mm - Compact for superb manoeuvrability

9 Patented CTC suspension system

- ▶ Easy to adjust from a soft to a hard suspension position
- ▶ Position may need to be changed due to personal preference or user weight
- ▶ No need to replace any parts

8 Adjustable base length

- ▶ Standard = 460 mm, 490 mm or 520 mm
- ▶ Factory set for best performance
- ▶ For rearward stability based on, tilt and backrest recline

7 Impressive centre of gravity range

- ▶ Through seat position on the base and rear wheel (length)
- ▶ Ensures optimum weight distribution over wheels, improves traction and enhances the driving experience

6 Selection of battery sizes

- ▶ 52 Ah, 60 Ah or 73.5 Ah
- ▶ Dependent on predominant indoor or outdoor use

5 Fork options

- ▶ Double sided comes as standard
- ▶ The aesthetically pleasing single sided fork minimises the front width of the base with no protruding screws or fork parts

Customisation of AVIVA RX40 HD

Max user weight 160kg

Adapts to the individuals personal preferences and clinical needs. An array of adjustment options available on the base and seating system.

1

Multi-functional Modulite & Modulite HD seating system

Provides a complete range of postural solutions.

- ▶ Various seat cushions and backrest options, including Matrix®, Rea® and Flex 3.
- ▶ Stepless seat depth, width, angle and centre of gravity to ensure perfect fit
- ▶ Adjustable and removable legrests and armrests depending on individuals condition and postural needs
- ▶ Powered elevating legrest to support lower limbs during full movement range
- ▶ Rail system for flexible accessory mounting
- ▶ 20° or 30° tilt and 30° recline for maximum pressure relief
- ▶ High pivot points to reduce shear

2

Allows individuals to personalise their chair

- ▶ Selection of modern colour options to choose from for the shrouds and rim inserts to allow the client to design the chair around their personality

3

Fine-tune the seat to ground height

- ▶ 435 mm, 460 mm or 485 mm
- ▶ Depending on the required height, centre of gravity changes or use with a WAV (wheelchair accessible vehicle)

4

Castor size options

- ▶ 9" for comfortable outdoor driving when going over obstacles or rough terrain





10 Modular base width

- ▶ Wide = 635 mm - Provides advanced stability (HD only)

9 Patented CTC suspension system

- ▶ Easy to adjust from a soft to a hard suspension position
- ▶ Position may need to be changed due to personal preference or user weight
- ▶ No need to replace any parts

8 Adjustable base length

- ▶ Factory set for best performance
- ▶ Wide = 490 mm, 520 mm or 550 mm
- ▶ For rearward stability based on, tilt and backrest recline

7 Impressive centre of gravity range

- ▶ Through seat position on the base and rear wheel (length)
- ▶ Ensures optimum weight distribution over wheels, improves traction and enhances the driving experience

6 Selection of battery sizes

- ▶ 60 Ah or 73.5 Ah
- ▶ Dependent on predominant indoor or outdoor use

5 Fork options

- ▶ Double sided comes as standard

Customisation of the **AVIVA RX40 ULM**

Max user weight 136kg

Adapt to the individuals personal preferences and needs. An array of adjustment options available on the base and seating system

1 Ultra Low Maxx complex seating system

Ensures both perfect posture and superb levels of comfort.

- ▶ Natural pivot points to replicate the body
- ▶ Ensures the head, shoulders, hips and feet never lose contact with the chair
- ▶ Significantly reduces the risk of shear
- ▶ Combines up to 50° tilt and 170° of recline for a tailored individual position
- ▶ Customisable seating system that adapts to the body
- ▶ Varying width and depth options
- ▶ Selection of backrest, headrest and armrest options
- ▶ In-built rail for mounting positioning accessories

2 Allows individuals to personalise their chair

- ▶ Selection of modern colour options to choose from for the shrouds and rim inserts to allow the client to design the chair around their personality

3 Fine-tune the seat to ground height

- ▶ 420 mm, 435 mm, 460 mm or 485 mm
- ▶ Depending on the user's height, centre of gravity changes or use with a WAV (wheelchair accessible vehicle)

4 Castor size options

- ▶ 8" for indoor use or tighter spaces
- ▶ 9" for comfortable outdoor driving when going over obstacles or rough terrain





10 Modular base width

- ▶ Standard: 560 mm - Compact for superb manoeuvrability
- ▶ Wide = 635 mm - Provides advanced stability

9 Patented CTC suspension system

- ▶ Easy to adjust from a soft to a hard suspension position
- ▶ Position may need to be changed due to personal preference or user's weight
- ▶ No need to replace any parts

8 Adjustable base length

- ▶ Standard = 460 mm, 490 mm or 520 mm
- ▶ Factory set for best performance
- ▶ Wide = 490 mm, 520 mm or 550 mm
- ▶ For rearward stability based on, tilt and backrest recline

7 Impressive centre of gravity range

- ▶ Through seat position on the base and rear wheel (length)
- ▶ Ensures optimum weight distribution over wheels, improves traction and enhances the driving experience

6 Selection of battery sizes

- ▶ 60 Ah or 73.5 Ah
- ▶ Dependant on predominant indoor or outdoor use

5 Fork options

- ▶ Double sided comes as standard
- ▶ The aesthetically pleasing single sided fork minimises the front width of the base with no protruding screws or fork parts

AVIVA RX

controls

Invacare LiNX is our insight inspired control system with advanced technology that provides a superb driving experience and enables programming and maintenance updates to be made wirelessly and in real time.

Touchscreen technology

The REM400 remote has an impressive 3.5" colour touchscreen that requires minimal force to operate. Also included on the large screen is a speedometer and an odometer.

Built-in Bluetooth

The REM400 remote allows individuals to be connected to multiple devices simultaneously and has built in mouse mover and switch control functionality, to be able to control smart speakers, phones and laptops.

Display only version

The REM500 is a display only version of the REM400, retaining the 3.5" interactive touch screen, and allows specialist controls to be used to operate the powerchair.



Specialist controls

To maximise control and independence, a selection of specialist controls can be used if a standard joystick is not suitable:

Feature	Benefit
▶ Compact remote with led display	For those with a limited range of motion and reduced strength
▶ Extremity control joystick	For chin control (outer shell resistant to saliva)
▶ MEC joystick	For those with muscle weakness or fine motor control
▶ Compact single switch joystick	For those with high muscle tone/uncontrolled movement
▶ Paediatric compact joystick	Option for midline mount
▶ Atom/Proton head array	Three proximity sensors mounted in the headrest
▶ Sip 'n' Puff head array with lip switch	Combines sip and puff controls with head movements
▶ Four switch proximity array	For those with a defined range of motion and no force
▶ Attendant control unit	Gives carer access to certain chair functions
▶ IDC dual control	Gives carer access to functions such as an emergency stop feature
▶ Third-party remotes	The intelligent LiNX system can interface with a range of third-party remotes

Ease of use

Simple wireless programming

Configure
quickly
and more
intuitively

Professionals can now configure powerchairs quickly and more intuitively to each individual thanks to the revolutionary programming interface built into **LiNX**.

- ▶ The clean and simple **LiNX** interface makes it easy to configure individual settings via a PC, laptop or iOS device
- ▶ The next generation technology built in to **LiNX** allows wireless access to diagnose and update the control system
- ▶ The enhanced diagnostic feature records statistics on how the chair has been used while performance data can also be viewed in real time
- ▶ Inputs can be assigned per function so users can select a different input based on their energy level/fatigue



Remote selection

LiNX offers a range of remotes to suit many needs, all of which are easy to understand and simple to use. These three remotes have the same familiar design and share the same key features:

- ▶ Large on/off button allowing easy targeting
- ▶ Ergonomic joystick requiring a low force to operate
- ▶ Accurate system status and battery gauge display
- ▶ Easy to use physical speed dial
- ▶ Icon based menu structure (REM211 and REM216 only)
- ▶ Simple keyless lock function



REM110 Drive only remote

The LiNX range of controls start with a simple set-up that features the drive function, horn and a speed dial.



REM211 Drive and seating remote

The additional seating functions on this control are displayed with easy to understand icons.



REM216 Drive, seating and lights remote

The REM216 has added light buttons to operate hazard lights, lights and indicators.

- ▶ The button for the active function is bright and will also be dim for inactive functions
- ▶ The primary and secondary functions on the light buttons are for lights and hazards



Introducing the AVIVA RX family

A number of specifications can be created to suit clients needs and preferences.
Here are some examples:



AVIVA RX20/ 40+ One piece

AVIVA RX20/ 40+ Modulite

AVIVA RX40+ Modulite HD

AVIVA RX40+ Ultra Low Maxx

- ▲ The new standard in rear wheel drive

This entry level drive only powerchair has superb indoor mobility and is ideal for those with less needs.

▲ The highly adjustable option with more features

The ideal solution for those that use their chair outdoors as much as they use it indoors and/or require more clinical support.

▲ The plus-size member of the family

The higher maximum user weight and wide seating options make this suitable for the larger clientele.

▲ The benchmark for high end rehab power positioning

The perfect solution to deliver positive clinical outcomes and enhanced mobility.

Max user weight	▶ 136 kg	▶ 136 kg	▶ 160 kg	▶ 136 kg
Speed	▶ RX20 6 & 10km/h RX40 6, 10 & 12km/h	▶ RX20 6 & 10km/h RX40 6, 10 & 12km/h	▶ 6, 10 & 12km/h	▶ 6, 10 & 12km/h
Battery	▶ RX20 50Ah RX40 60 & 73Ah	▶ RX20 50Ah RX40 60 & 73Ah	▶ 60 & 73Ah	▶ 73.5 Ah

Additional features and options:

- ▶ Easy “click” castor locks

▶ Integral tie down brackets

▶ Prepared for Dahl docking station

▶ New AXENDO lighting system

▶ Kerb climber

Technical data ▼

For more information about this product, including the product's user manual, please see Invacare.co.uk.

	Seat width ▼	Seat depth ▼	Seat height ▼	Backrest height ▼	Armrest height ▼	Length of footrests ▼	Seat angle ▼
Invacare AVIVA RX 1-piece seat:	330 – 480 mm ¹	410 – 510 mm	435, 460, 485 mm ²	Sling back: 480 / 540 mm	230 – 360 mm	280 – 460 mm	0 – +30° ^{4,5}
Invacare AVIVA RX Telescopic seat:	330 – 580 mm ²			Flex 3: 506 – 610 mm Matrx: 400 / 500 mm			
Invacare AVIVA RX ULM	405 – 555 mm	405 – 580 mm	420, 435, 460, 485 mm	355 – 505 mm	230 – 405 mm	310 – 465 mm	0 – 50°

	Backrest angle ▼	Total height ▼	Total length inc. footrests ▼	Total length without footrests ▼	Driving unit width ▼	Max. user weight ▼	Battery capacity ▼
Invacare AVIVA RX Standard	90 – 120°	1000 – 1335 mm ¹⁰	1026 – 1300 mm ⁸	830 mm	560 mm	136 kg ⁴	52/60/73.5 Ah
Invacare AVIVA RX HD				635 mm ⁹		160 kg	60/73.5 Ah
Invacare AVIVA RX ULM	60 – 170°	1060 – 1540 mm	1202 – 1476 mm	1006 mm	560 mm, 635 mm	136 kg	60/73.5 Ah

	Turning diameter ▼	Max. climbable obstacle height ▼	Max. safe slope ▼	Motor capacity ▼	Speed ▼	Driving range ▼	Total weight ▼
Invacare AVIVA RX	1506 – 2086 mm	60 mm (100 mm with kerb climber)	6, 10°	2 x 340 W	3, 6, 10, 12.5 km/h	Up to 47 km ¹¹	105 – 185.2 kg ¹⁰
Invacare AVIVA RX ULM	1975 – 2105 mm		6°		6/10/12.5 km/h	Up to 34 km	148.6 – 190.1 kg

1. Seat cushion 380 mm
2. Additional 100 mm by armrest adjustment
3. Ground to seat plate without cushion
4. With seat lifter or powered tilt
5. With lifter
6. Measured from seat plate
7. Measured from footplate to seat plate

8. Depending on seat position
9. Width of wheelbase
10. Depending on configuration
11. According to ISO 7176-4:2008 with 73.5 Ah batteries @ 6 km/h
12. Invacare **Modulite™** seat components are cross compatible across the Invacare power wheelchair range and partly with the Invacare **Rea™** family.







matrx
SEATING SERIES



Shroud and rim colours ▼

Don't forget, you can customise your **AVIVA RX** by using the Invacare UNIQUE service.

Black	Mercury Blue	Bengal Red	Silver	Midnight Purple
				

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