

KINNEX™ 2.0

MICROPROCESSOR ANKLE/FOOT SYSTEM

Controlled resistance
Confidence on uneven terrain
Microprocessor technology

The latest microprocessor ankle/foot system from Freedom Innovations combines the popular features of the first generation Kinnex, with new additions for optimal performance. Improvements in the hydraulic system design and additional app customisation options for both clinician and user, the Kinnex 2.0 foot technology seamlessly adjusts to everyday life.

The Kinnex 2.0 utilises sensor-controlled ankle movement to read and process live data at a rate of 200 times per second, while the Rapid Response™ valve technology responds at a rate of 5 milliseconds.

App Customisation



The GaitLab app and the Kinnex Patient app enable streamlined setup, monitoring and customisation

Alignment Setup Feature

Using the GaitLab app, you can lock the ankle in a neutral 90° position with 10mm heel height during setup for alignment and performing sensor calibration

Low Battery Feature

A soft vibration and low-profile light on the button panel will indicate to the user when the charge level is below 20%

All Day Comfort

Innovative hydraulic technology delivers robust management of resistance to ROM, and energy storage characteristics throughout the day

New Hydraulic System Design

The Kinnex 2.0 has been optimised with new seal technology and a robust cylinder design to improve durability

Ease of Movement

Optimal range of motion reduces internal socket pressure, so when sitting, squatting or standing comfort is significantly improved

Manual Lock

The manual lock can be easily engaged/disengaged using either the app or by double-pressing the Change Footwear button on the front panel



- New hydraulic oil reservoir has been designed to increase and optimise oil capacity and longevity
- Water Ingress Certified so it can be immersed for up to 30 minutes in 1 metre of fresh water
- Up to 2" of heel height adjustment allows users to program and store up to 100 types of shoes
- 20° plantar flexion and 10° dorsi flexion provides optimal limb positioning in relation to the ground, and allows manual locking at any point in the available range of motion
- The split heel and keel design increases ground compliance to provide optimal stability for the user
- Full length sole plate provides seamless stance phase rollover



Target Users

- Low to moderate K3 ambulators that desire superior ground compliance for everyday activities
- Users who desire an ankle that independently adjusts to changes in speed and terrain
- Users who may occasionally take part in activities that submerge their prosthesis in water

Kinnex 2.0 Impact Levels

Low: Daily activities include mostly level ground walking, moving around in the home and the community.

Moderate: Daily activities include up to unlimited walking, climbing stairs and occasional moderate lifting (this does not include running).

Technical Information



Sandal toe option, for sizes 24-28cm



Includes foot shell, available in three skin tones

Weight Limit	125kg
Battery Life	24 hours
Sizes	24-30
Charging Time	3 hours
Proximal Connector	Male Pyramid
Warranty	3 years (5 year warranty available to order) Foot shell 6 months
Water Resistance	IP67 (Safe for occasional submersion in water for up to 30 minutes at 1m depth)

Trial Unit:

To request a trial unit please contact your local Steeper Product Manager.

Kinnex 2.0 Ordering Information

Part ID	Category	Size	Toe Configuration	Left/Right	Optional 5 Year Warranty
NF14					-5Y

Weight (kg)	Impact Level	
	Low	Moderate
44-52	1	1
53-59	1	2
60-68	2	3
69-77	3	4
78-88	4	5
89-100	5	6
101-116	6	7
117-125	7	-

1-7

24-30cm

Regular

Leave blank

Left

L

Right

R

Foot Size

Build Height

24-25cm

184mm

26-30cm

186mm

*Sandal Toe only available in sizes 24-28cm.

Sandal Toe*

S

Foot Shell Ordering Information

Part ID	Generation	Size	Skin Tone	Toe	Left/Right
NFTC	-	1	4	-	

Regular Toe	3K	24-30cm	Light	L	Regular	R	Left	L
Sandal Toe	2K		Medium	M	Sandal	S	Right	R
			Dark	D				

For more information or to place an order:
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