

Programming App now available on Android

# Orion<sup>3</sup> Datasheet

The **new and improved** Orion3 is now available with enhanced features; bringing together everything users love about this intelligent microprocessor knee with even more advanced technology, for a superior walking experience.

Orion3 is designed to prioritise the safety and stability for activity level 3 walkers, offering a very natural experience across different terrains and speeds. The Orion3 upgrade introduces improvements that promise to give the user even more control of their health and mobility.



## What's new?

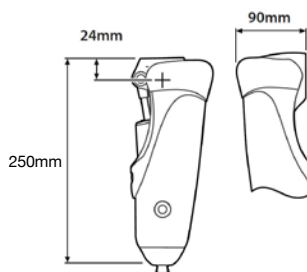
- ✓ Heel Rise Damping
- ✓ Stair Descent Recognition
- ✓ Training Mode
- ✓ Stance Flexion
- ✓ Recessed, covered and magnetic charging point
- ✓ Programming App for Android and iOS
- ✓ Button Programming Function

## Enhanced Features Explained

<b>NEW</b> Heel Rise Damping	By reducing excessive heel rise during rapid acceleration, Orion3 is more responsive to changes in walking speed and can adapt to rapid acceleration smoothly.  Footwear changes to heavier shoes and the associated extra heel rise/knee flexion will be less noticeable to the user.
<b>IMPROVED</b> Stair Descent Recognition	A new algorithm has enabled the stairs pneumatic value to be selected even earlier, helping the limb to extend fully from the first step and making stairs descent easier and more predictable.
<b>IMPROVED</b> Stance Flexion	An optional feature designed to provide a higher resistance to stance flexion when sudden deceleration occurs and causes the knee to be unstable. This provides the user with increased support resulting in more control and stability.
<b>NEW</b> Training Mode	This function disables the standing mode making gait and stairs training easier for new users learning how to walk with Orion3.  It also provides the user with the ability to undertake physical training with the confidence that the knee will not enter standing mode upon hesitation.
<b>IMPROVED</b> Recessed, covered and magnetic charging point	The redesign of the charging connector makes it easier to attach, and a more robust attachment makes it less likely that it will be accidentally knocked off.  The rubber cover provides protection to the charging point when not on charge.
App Programming <b>NEW - Android Version</b>	Intuitive, simple programming available on both iOS and Android App  The Apps use Bluetooth technology for stable connectivity making programming simpler, rapid and more robust.
<b>NEW</b> Button Programming Function	By enabling a basic set up using the buttons on the Orion3, this function is a handy alternative if Bluetooth is not available and can be useful for gait training, allowing recalibration of knee without the need for a programming device.

## Technical Specification

<b>Max User Weight:</b>	125kg (275lb)
<b>Activity Level:</b>	2, 3, 4*
<b>Weight of Unit:</b>	1.5kg (3lb 5oz)
<b>Build Height:</b>	250mm (10in)
<b>Control Unit:</b>	MPK Hydraulic/Pneumatic






Activity Levels 2 and 4 could benefit from the enhanced stability offered by the device.  
\*Maximum user weight for activity Level 4 is 100kg.





## Ordering Information

<b>Part Number</b>	ORION3
<b>Magnetic Charger Kit</b>	239093V2A
<b>Magnetic Charger Cover</b>	236554
<b>Cosmetic Cover</b>	561101BLACK

## Socket Adapters

<b>P409049</b>	
<b>P189410</b>	
<b>P189410S</b>	

## Proximal Attachments

Rotating Pyramid with Shift	<b>239017</b>	
Non-rotating Pyramid with Shift	<b>239089</b>	
Rotating Female Pyramid with Shift	<b>189128</b>	
M36 Threaded Adapter	<b>239092</b>	

## Extended Warranty Options

The Orion3 is supplied with 3 years warranty. This can be extended by 1, 2 or 3 years. Please contact Customer Services for more information.