



TASKKATM

SPECIFICATIONS

The TASKA™ device was specifically designed to resolve many of the limitations of multi-articulating hands. This gives it significant practical advantages.

The design process resulted in a robust waterproof hand that “gives” and “flexes” like a real one. Not only does this mean superior practicality, it also removes much of the cognitive effort previously required to use a multi-articulating hand. A wider range of tasks can be undertaken with easy transition between the full range of indoor and outdoor tasks. It grips with precision and strength.

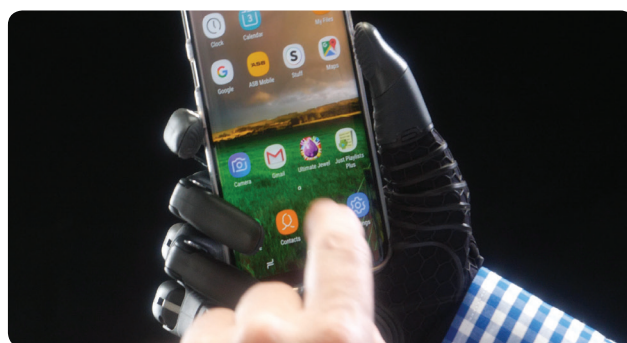
Here are the four major advantages in the design of the TASKA™ prosthetic hand.

- 1** It is the first multi-articulating hand on the market to be IP67 rated for waterproof use.
- 2** The knuckle breakaways allow the hand to be overloaded without any damage and in a way that the user can simply reset.
- 3** It provides truly practical gripping. The patented laterally compliant “flexible” fingers enable the hand to grip a wider range of objects.
- 4** It also performs its gripping actions FAST. The stated grip speeds on the TASKA™ are for real. The TASKA™ hand device has a high thumb rotation speed – in part helped by it not



requiring a glove. In user feedback, the speed of the TASKA™ hand is a standout feature, and the ability to grip confidently is a huge benefit.

TASKA™ simply does things other multi-articulating hand devices cannot do. We are excited at what a difference it will make in people’s lives. After five years of development we believe it is set to change the industry worldwide.





TASKA™

7 KEY FEATURES

Knuckle Breakaway

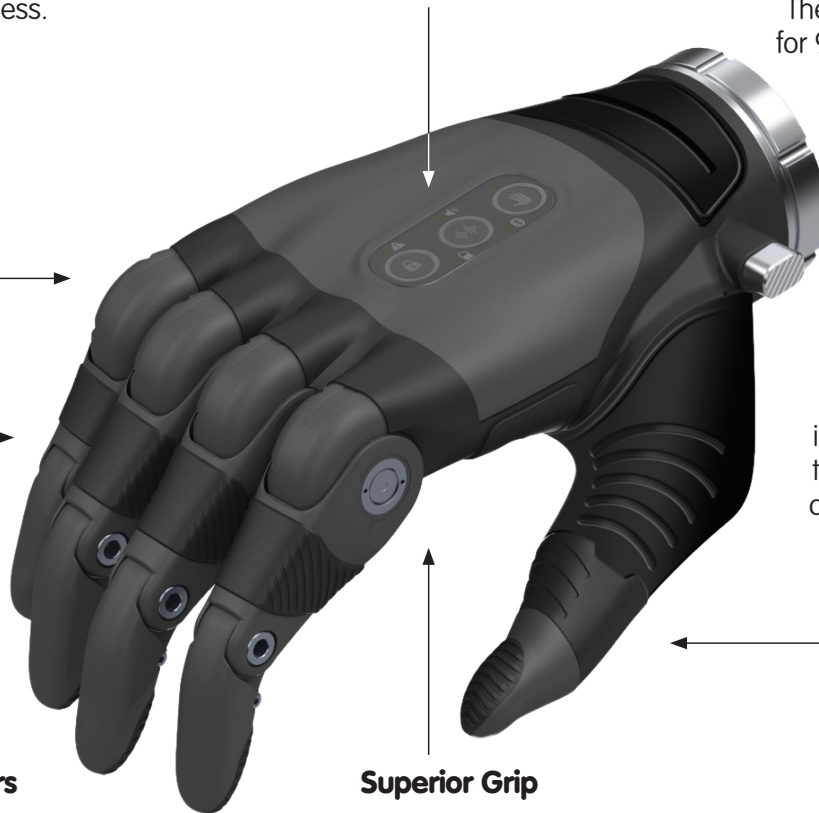
Anti-damage knuckle breakaway, is user resettable to provide additional robustness.

Grip Cycle Buttons

Easy to use buttons provide simple access to grips and client diagnostic help

Low Profile Wrist Option

A low profile wrist option allows the waterproofing to be extended up the socket. The LP Wrist also allows for 90°deg of mechanical rotation.



Inbuilt flexible wrist

Every model of the TASKA™ hand has an inbuilt flexible wrist with three lockable positions as well as center biased free flexion.

Flexible Fingers

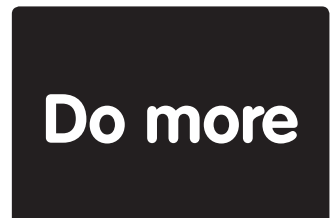
The fingers on the TASKA™ hand are flexible and can laterally spread to allow the hand to effectively grip a wide variety of objects firmly.

Superior Grip

Soft pads between the fingers and on fingertips, complement the flexible fingers to provide unparalleled grip security.

Motorized thumb rotation

Mimics the real movement of the hand and improves grip speed.



TASKA TECHNICAL SPECIFICATIONS

Parameter	Value		
Operating voltage	7.4V (nominal)		
Max Current	5A		
TASKA Battery Capacity	2000mAh (2x units of 44mm x 80mm x 7.5mm)		
User resettable Knuckle breakaway ⁱⁱⁱ	3.4Nm per digit		
Maximum digit speed at proximal link	Finger: 98°/sec	Thumb: 63°/Sec	Thumb Rotator: 180°/Sec
Grip force	Finger 12.5N	Thumb 22.0N	
Maximum opening	100mm		
Wrist	LP Rotation	90°	
Wrist	Extension Lock position	20° Extension	
Wrist	Flexion Lock position	30° Flexion	
Waterproofing	IP67		
Weights	LP Wrist	616g	
	QD Wrist	671g	

ⁱⁱⁱ 50 Knuckle breakaways typical use case over product life.

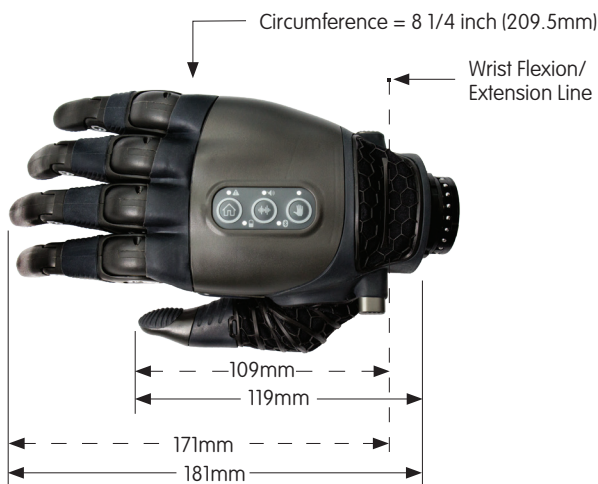
ORDER CODE - Example : "TASKA - BIFB00 - UT" = 8¼ inch, Right side, Quick Disconnect, Black - Universal Power Adapter Set

TASKA™ - **Size** | **Side** | **Wrist** | **Colour** | **Reserved** | **Experimental** - **Pack** | **Country** | **Code**

Size	'B' = 8 ¼ inch		
Side	'1' = Right	'2' = Left	
Wrist	'F' = Quick disconnect		'C' = Low Profile (Includes both sides and switch block)
Colour	'A' = White ⁱⁱ	'B' = Black	'C' = Sand ⁱⁱ
Reserved	'0' = Normal		
Experimental	'0' = Normal		
Pack Country Code	'UT' = Universal Power Adapter Set		

ⁱⁱ Limited edition - Check availability

QUICK-DISCONNECT shown



BATTERIES

x2 Units: 44mm x 80mm x 7.5mm



Available in three colour variations:



TASKA™ 
PROSTHETICS

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