



BrainCo

# Smart Bionic Hand

BrainCo intelligent bionic hand is a highly integrated intelligent product of brain-computer interface technology and artificial intelligence algorithms. This bionic hand can detect the wearer's neuroelectric and muscle electrical signals, identify the wearer's movement intention, and transform the movement intention into the action of the intelligent bionic hand, so that it is dexterous and intelligent.

## Single-point (outreach)



Touch the button switch with your hand to indicate the number "8".

To protect your bionic hands, avoid pressing your fingers hard.

## Three Finger Pinch (Extended)



Used to pinch medium-sized or disc-shaped objects, such as mobile phones, caps, solid glues, etc.

To protect your bionic hands, avoid pressing your fingers hard.

## Clip pen 1



For clamping elongated strips of objects, such as pens, pencils, brushes, etc.

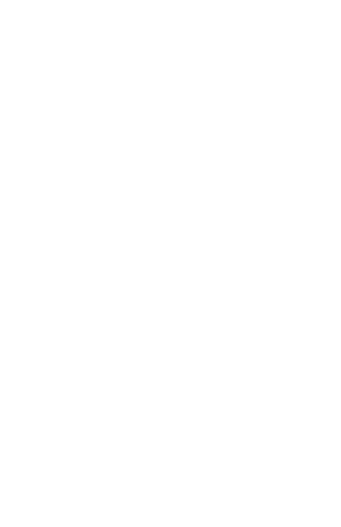
## Two-finger clip (internal)



Used to hold bar objects, such as cigarettes, also be used to mean "victory" and the number "2".

To protect your bionic hands, avoid overcautious heavy objects.

## Clip type (in the thumb)



Used for bowls, plates, etc. The number "4"

## Clip pen 2



For writing of elongated striped objects, such as pens, pencils, brushes, etc.

## Two-finger clip (extension)



Used to hold bartial objects, such as cigarettes

To protect your bionic hands, avoid overcautious heavy objects.

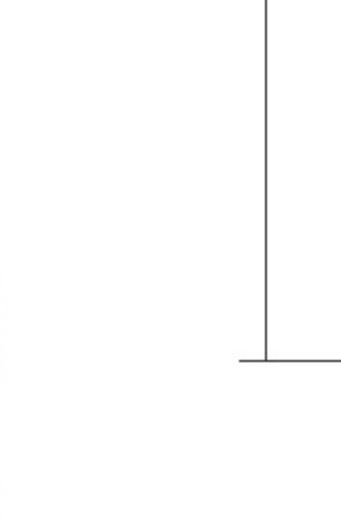
## Fingerball



Use the motor and torsion springs to fit the index finger

To protect your bionic hand, it is recommended not to use this gesture frequently.

## Five Fingers



For large cylindrical objects or softer objects

Prevent contact with the object line variable is too large, the palm of the hand does not fully contact the object.

## Two Finger Pinch (Extended)



Used to pinch objects of small size and weight, indicating "OK"

In order to protect your bionic hands, avoid single-finger hooking heavy objects.

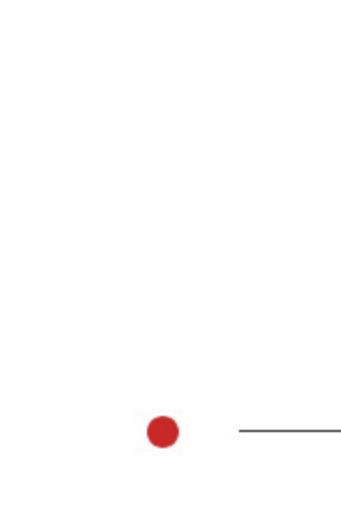
## Midfinger



Use the motor and torsion with the spring to pop out the middle finger

To protect your bionic hand, it is recommended not to use this gesture frequently.

## 666



The number of gestures is "6".

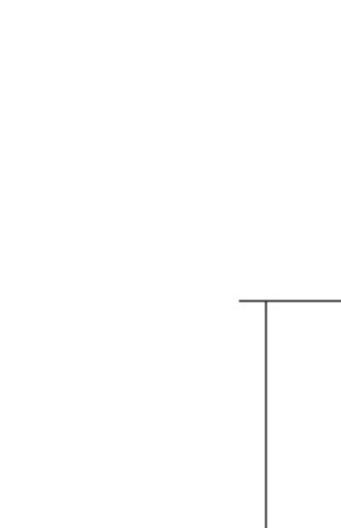
## Mouse gestures



The user controls the mouse. After selecting the gesture, the bionic hand forms a envelope on the mouse.



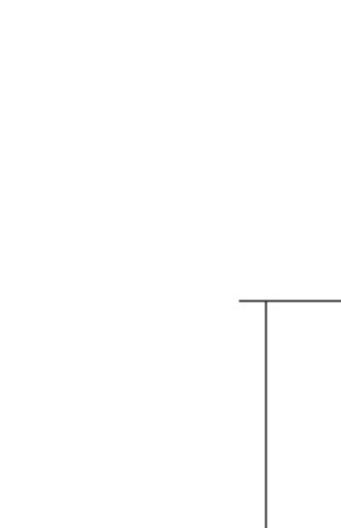
## Four Fingers (Extended)



For the end of the bowl of goods large diameter cylindrical objects, the object does not touch the palm.

To protect your bionic hands, avoid lifting heavy objects.

## Bending Hook 9



Used to buckle animals such as pull rings. The number "9".

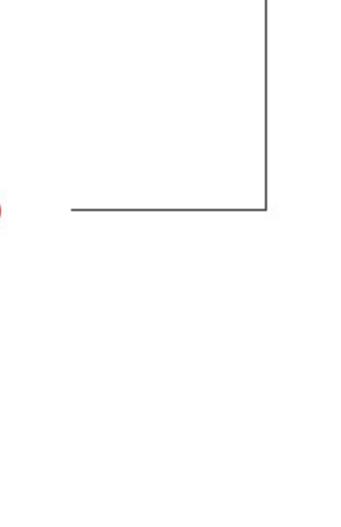
## Rabbit Head Gestures



Users show their personality.



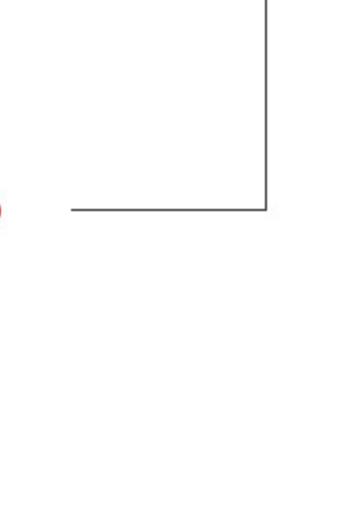
## Five fingers open.



For Pinto objects, denotes the gesture number "5"

To protect your bionic hands, avoid lifting heavy objects.

## Two-finger side pinching



Use the side of the index finger with the thumb to complete the pinch of the item

MassChallenge Gold Award

• 2016

CES Innovation Award

• 2019

Cover of Time magazine.

• 2019

Red Dot Award for Best Design

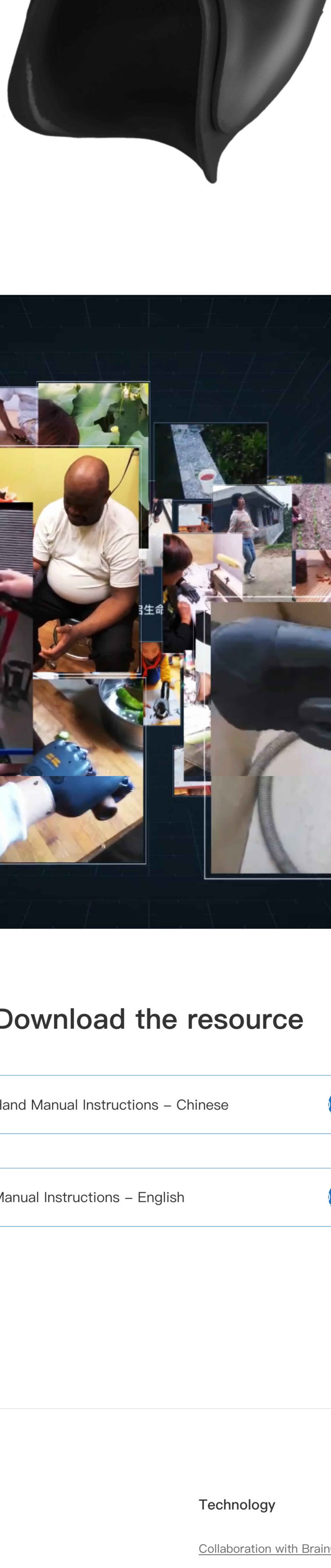
• 2020

Helping Paralympic Torch Relay

• 2022

Help ignite the main torch of the Asian Paralympic Games

• 2023



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