



# SMARTBRAKE®

MULTIPURPOSE WIRELESS BRAKE





## WIRELESS REMOTES

**SMART BRAKE controllers are all wireless, and adjustable to most user needs. Requires limited hand force, and activates brake and parking in ONE click!**

### Brake trigger

- Brake and park with your fingertip!
- Compact unit, enables for 2 brake controllers on same side of bike handlebar
- Fits any hand size and force, from kids to elderly
- Active & parking brake in one
- Soft and “seamless” brake force adjustment
- Fits ski poles for workouts (spiking)

### Hand control

- Companion control with 20-30m reach
- Buttons for active brake and parking
- Fits your pocket and has a neck strap
- Mounting dock on handlebar

### Brake lever

- Soft lever, <10% hand force needed
- Active and parking brake in one
- Universal; For both left and right side
- Adjustable to different hand sizes

**SMART BRAKE Technology uses radio frequency with limited interference from other power sources or transmitters. Fail-safe mode if lost signal or low battery. We recommend dual brake systems for your own safety!**

**LIMITED HAND  
FORCE**

**ADJUSTABLE**

**ACTIVE &  
PARKING**

**FAIL-SAFE**



BRAKE TRIGGER

BRAKE LEVER

HAND CONTROL



Pole trigger



Thumb trigger



Brake lever



Hand control



Hand control

## SMART BRAKE SWITCH

Braking made easy for users with Epilepsy/Parkinson/seizures

### SMART BRAKE SWITCH – the easy and safe brake for users with seizures!

- With wireless controls from SMART BRAKE, the user needs very limited handforce to activate the brake
- With SWITCH, we have turned the functionality around:
  - By holding the lever, the brake is de-activated (free-wheel mode)
  - Releasing the lever activates the brake
- SWITCH can be applied on all our brake remote controllers, and used for bicycles, wheelchairs, and other vehicles.

### Relevant for users with:

- Epilepsy
- Parkinson
- Other conditions causing seizures

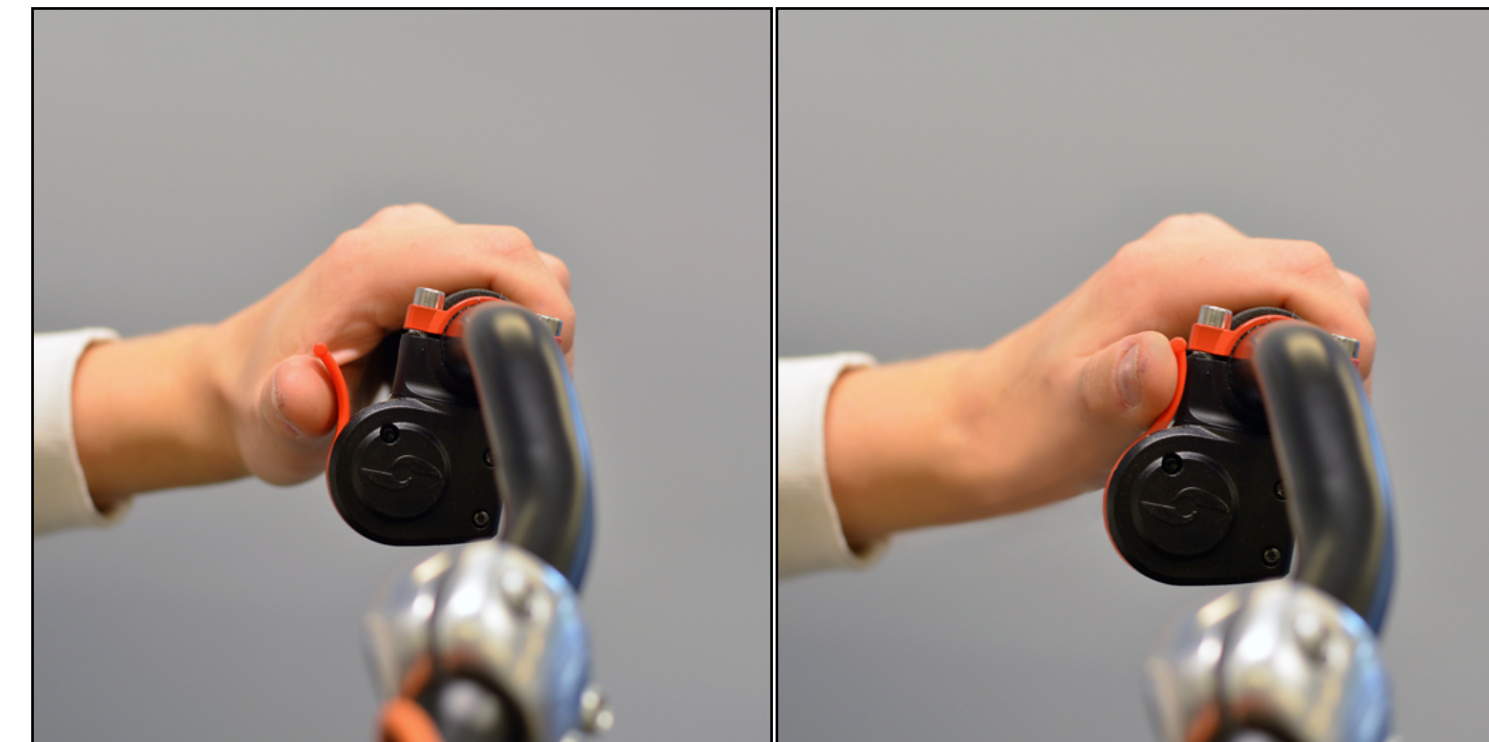
SWITCH can be combined with other remotes, e.g. companion control.

LIMITED HAND  
FORCE

REVERSED  
FUNCTION

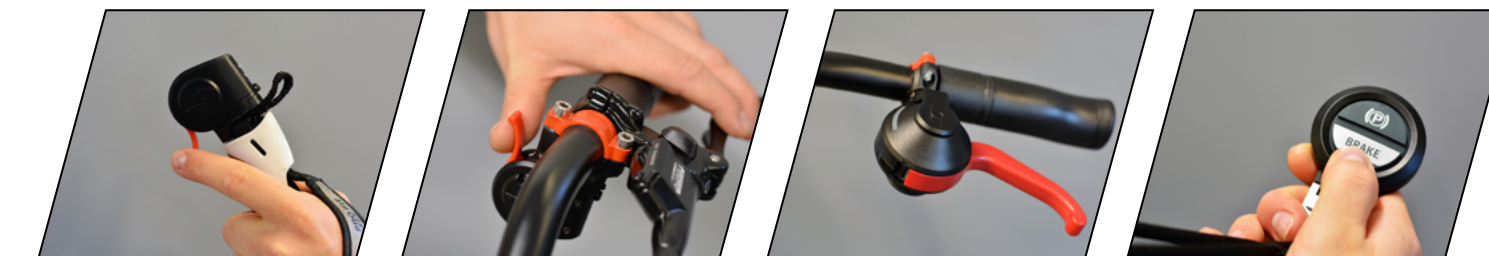
ACTIVE BRAKE

FAIL-SAFE



BRAKE ON

BRAKE OFF



Pole trigger

Thumb trigger

Brake lever

Hand control



## BRAKE UNIT

### THE BRAKE UNIT IS AN ELECTRONIC HYDRAULIC ACTIVATOR FOR RIM/DISC BRAKES

The braking unit is connected with the rim or disc caliper brakes, and receives signals from the wireless controllers. The signals control the motor thereby hydraulically activating the brakes.

- Multipurpose across sports, mobility and other applications
- Delivered fully bled and ready to mount
- Kit includes Tektro Auriga disc calipers or Magura rim brakes. Other calipers can be used
- Easy and fast mounting, 5-10 min
- Up to eight brake units connect with one or multiple remotes
- LED braking lights
- One button
- USB charger
- Est. 4 000 brake cycles on one charge

**MULTI-  
PURPOSE**

**DISC BRAKE**

**RIM BRAKE**

**FAIL-SAFE**



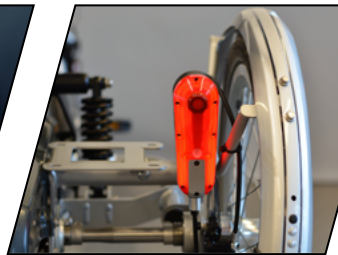
Disc brake



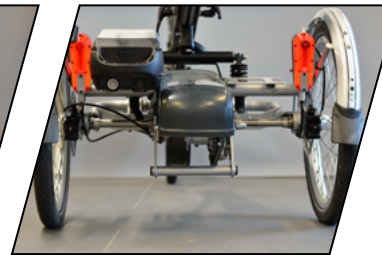
Rim brake



One unit - Two calipers



Single brake



Twin brakes

More information and technical support, contact us:  
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## WIRELESS BRAKES

**SMART BRAKE** - the optimal brake for reduced handgrip! Control braking and parking with the tip of your finger. Companions can control same brake from distance. Fits all bikes.

### Key benefits:

- SMART BRAKE requires limited hand force. Control multiple brake units with just the tip of your finger!
- With ONE click, you activate the parking brake. Bring the remote with you, and leave the vehicle safely locked!
- Companions control same brake and parking from distance
- Replacement or added as extra brake

### Key facts:

- Easy to mount across all bike models
- Brake force: 65 bars per brake unit
- Hydraulic disc or rim brake
- LED brake lights for added safety
- Rechargeable (USB), 4 000 brake cycles / charging
- Adjustable brake lever to fit all hand sizes
- Modular; build your own solution of units and remotes

**SOFT GRIP**

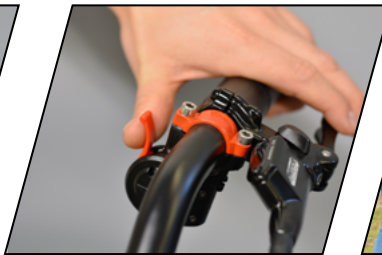
**COMPANION  
CONTROL**

**PARKING  
BRAKE**

**FAIL-SAFE**



Brake lever



Thumb brake



Companion control



Rim brake



Disc brake duo

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## FRONT WHEEL BRAKES

SMART BRAKE enables wheelchair users to be active, e.g. doing workouts with spikes.  
Control the brakes from triggers in pole, or from remote mounted on chair

### Key benefits:

- Universal rim brake solution for front wheels
- Control the brake from trigger in poles or from remote mounted on chair
- Wireless brake and parking for both active user or companion (20-30m distance)
- Limited hand force needed – brake with your fingertip!

### Key facts:

- Easy to mount across different front wheels
- Hydraulic brake solution, Magura rim brakes
- Multiple remote controls, adjust to user needs
- Rechargeable, USB
- Adds 1kg weight, and 0 mm width on chair

SOFT TRIGGER

ACTIVE BRAKE

PARKING  
BRAKE

FAIL-SAFE



Pole trigger



Rim brake



Brake Unit

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