



# Environmental Control Units

*Assistive Technology that Break Physical Boundaries*



# Take Control of Your World

People with disabilities have many unique issues they must deal with on a daily basis - whether they have Multiple Sclerosis, Muscular Dystrophy, Amyotrophic Lateral Sclerosis (ALS or Lou Gehrig's Disease), Cerebral Palsy, Huntington's Disease, Spinal Cord/Brain Injuries, Paralysis, Quadriplegia, Paraplegia or any other disability that limits mobility or motor skills. One common challenge is the ability to control devices throughout their living environment whether at home or in a residential care facility. Break Boundaries specializes in developing solutions to these challenges with many cutting edge products including the REACH Environmental Control Unit.

**If you or someone you know has to rely on others or has difficulty:**

- **Adjusting the bed**
- **Calling for help or assistance**
- **Controlling Audio/Video equipment**
- **Controlling fans**
- **Dialing/answering the telephone**
- **Turning on/off the lights**
- **Operating a video intercom**
- **Opening/closing a door**
- **Opening/closing blinds**

**Then the REACH ECU can help.**

## Flexible Input Methods

- Operate with touch
- Operate with voice commands
- Operate with head movements - (optional)
- Operate with eye tracking - (optional)
- Operate with a switch - (optional)  
(by using almost any body part movement)

## Control Devices

- Televisions & other Audio / Video Equipment
- Overhead lighting / Lamps
- Ceiling Fans / Floor Fans
- Telephones
- Motorized Door Openers
- Motorized Blinds & Shades
- Video Intercoms
- Adjustable Beds
- Nurse calls
- & More!



## Voice Recognition

- Compatible with Microsoft Speech Recognition & Dragon Naturally Speaking
- No limit to word choices for commands
- Store dozens of voice profiles for multiple users
- Variety of microphones available

## Customizable

- Create unlimited number of pages
- Create buttons of any size & color
- Add your own text, graphics & photos
- Add your own IR codes

## Feedback

- Visual feedback with text, icons or digital photos
- Audio feedback with your choice of sound files

## Mounting Options (VESA Standard)

- Rolling Mount
- Bed Mount
- Wall Mount
- Ceiling Mount
- Tabletop Mount
- Wheelchair Mount



[www.breakboundaries.com](http://www.breakboundaries.com)

Depending on the user's limitations, the REACH ECU can also give direct access to online entertainment and social media. At the heart of the REACH ECU is a powerful computer with all the amenities you'd expect from a tablet PC including a touchscreen, Bluetooth, WiFi, 2 web cams, on-board microphones, speakers, browser and file storage.

NETFLIX



facebook.



em@il

huluPLUS™

amazonkindle



Pinterest



REACH is a product that will allow you to control dozens of products in your home or residential care facility. REACH is reliable, easy to use and has the flexibility to change how it is controlled if your needs change.

REACH can be controlled by touch screen, voice commands, head movements, eye tracking or switch scanning with the movement of nearly any body part. REACH is not limited to control of audio/video equipment such as your television, it can allow you to take control of your world.

No matter what your physical challenge may be, you can take control with REACH. You can independently control your audio/video equipment, lights, blinds, doors, telephones, fans, video intercom, bed, and a nurse call system.

These devices are not "convenience items." At home, the telephone can be a lifeline when calling for help in an emergency. In a residential care facility, the nurse call/intercom can be the difference between life and death. The ability to turn on a fan provides critical temperature control for those who are heat sensitive, such as people with Multiple Sclerosis. The ability to control a motorized bed helps maintain skin integrity and prevent pressure sores. Additionally, the independence and restoration of control afforded by these abilities frequently makes an enormous positive impact on the user's self-esteem, quality of life and mental attitude.

*"I believe the independence and control afforded by the system, has a very direct impact on the individual's feelings of self-worth and Quality of Life."*

- Kay Barker, Assistive Technology Coordinator  
at Beechwood Home

## Care Givers

Whether caring for a family member, a friend, or a resident at a care facility, REACH will benefit you too. Giving a person with a disability the ability to control their surroundings will allow you as a caregiver more time for other duties.



REACH is easy to customize and configure, and can store dozens of profiles for use with multiple users. Break Boundaries is able to design systems around your facility's specific nurse call, television and bed systems. REACH can be used in a home or in long and short term residential care facilities.



## *About Us*

Break Boundaries is dedicated to helping people with mobility impairments increase their independence and improve their quality of life. The tools and technology we provide empower you to take control of your environment. If you have only the slightest movement in your hand or head, or can speak a verbal command, you can independently control many of the devices throughout your home or facility room. Not only can we provide you with a system to control your environment, we can supply the devices that are not already in your home, and facilitate complete installation for the more "technical" pieces.

Our goal is to provide solutions for the unique problems and circumstances you face every day. We are known for our team of experienced problem solvers and our ability to adapt and create solutions for these unique circumstances.

If there is a task that you'd like to perform but don't how, don't give up. With the right people in your corner you can accomplish almost anything. We encourage you to call the number below and get in touch with a trained professional in our network of dealers to help you find a solution.

We can help you to discover something that is truly life changing.  
We can help you break boundaries and take control of your world.

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**To learn more about our Assistive Technology Products  
Please Call:**

**1-589-240-2817**

[www.breakboundaries.com](http://www.breakboundaries.com)