Assistive Technology-- Environmental Controls

Environmental controls help people with mobility impairments to conduct everyday activities and to independently control their environment. Examples include remote controlled devices that enable people to adjust indoor temperatures, tilt their beds, turn lights and fans on and off, open and close doors, and operate televisions, stereos, telephones and computers. These controls can be activated by joysticks, tap buttons, or switches. Some are voice-activated.

The following are provided as information sources. The Reeve Foundation does not endorse any products, vendors or services and a listing here is not to be taken as an endorsement.

**General Information and Funding**

**Association of Assistive Technology Act Programs**
[www.ataf.org](http://www.ataf.org)
1440 G St., NW
Washington, DC 20005
Phone: 217-522-7985
One way to shop for assistive technology is to check in with your state’s federal Tech Act office. That way you can try out various ECU or AT systems before purchase.

**ETO Engineering**
ETO Engineering provides information on accessible cell phones for people with special needs including people with mobility impairment.

**Handihelp**
[http://www.handihelp.net/](http://www.handihelp.net/)
E-mail: handihelp@live.com
Handihelp offers information on low-tech and low-cost adaptive solutions for people with disabilities.
Rehabtool.com  
www.rehabtool.com  
PO Box 572190  
Houston, TX 77257  
Phone: 281-531-6106  
Email: info@rehabtool.com  
Features a comprehensive collection of links to AT catalogs, databases and vendor directories.

United Spinal Association’s USA Tech Guide  
www.usatechguide.org  
Has reviews and info on various forms of assistive technology.

Washington Assistive Technology Act Program (WATAP)  
https://watap.org/  
University of Washington  
UW Box 357920  
Seattle, WA 98195-4237  
Phone: 800-214-8731  
Email: watap@uw.edu  
WATAP provides services such as assistive technology training, evaluations, demonstrations and rentals. The website includes links to vendors, funding resources, and other service providers.

Eye Gaze Technology

LC Technologies  
www.eyegaze.com  
10363 Democracy Lane  
Fairfax, Virginia 22030 U.S.A.  
Phone: 703-385-8800  

Smartbox Assistive Technology  
2831 Leechburg Rd.  
New Kensington PA 15068  
Phone: 844-341-7386  
Email: info@thinksmartbox.com

Tobii Dynavox  
https://us.tobiidynavox.com/  
2100 Wharton Street, Suite 400  
Pittsburgh, PA 15203  
Toll-free: 800-344-1778

Manufacturers and Vendors

AbleNet, Inc.  
https://www.ablenetinc.com/
Environmental control products and strategies for using them

**Able-Phone**
[www.ablephone.com](http://www.ablephone.com)
354 Chatfield Ave.
Biggs, CA 95917
Phone: 530-868-0750
Email: able-phone@juno.com
Develops and manufactures hands-free and voice-activated phones

**Accessibility Services, Inc.**
6241 S. Tex Pt.
Homosassa, FL 34448
Phone: 800-933-8400
Accessibility Services, Inc., (ASI) develops and provides environmental control units and adaptive equipment for individuals, hospitals, businesses, schools and universities.

**ActiVocal**
[www.activocal.com](http://www.activocal.com)
290 Andrews Rd.
Feasterville-Trevose, PA 19053
Phone: 888-246-5984
Email: info@activocal.com
Offers a phone that is voice-activated.

**Break Boundaries**
[http://www.breakboundaries.com](http://www.breakboundaries.com)
PO Box 31
Silver Grove, KY 41805
Phone: 859-240-2817
Email: CustomerService@breakboundaries.com
Assistive technology products for people with mobility impairments

**Control Bionics**
[http://www.controlbionics.com](http://www.controlbionics.com)
745 Center St., Suite 303
Milford, OH 45150
Phone: 440-979-0657
Maker of the NeuroSwitch, a device that uses nerve based signals to control assistive technologies such as voice systems, environmental controls, electronic interfaces and other communication devices.
Dynamic Controls
http://dynamiccontrols.com/
39 Princess St.
Riccarton
Christchurch 9041 New Zealand
Phone: 440-979-0657
E-mail: usasales@dynamiccontrols.com (sales inquiries)
Dynamic Controls makes controllers for mobility products. The company’s headquarters are in New Zealand; a regional office (Dynamic North America) is in Ohio.

Home Automated Living (HAL)
https://www.automatedliving.com/
Phone: 855-442-5435
Email: info@automatedliving.com
HAL makes software that turns the home computer into an ECU controllable from anywhere.

Quartet Technology
https://qtiusa.com/
41 Lowell Rd., Unit ¾
Pepperell, MA 01463
Phone: 978-957-4328
E-mail: info@qtiusa.com
Quartet offers several environmental control products. The FAQs offer ideas on funding the technology.

The Speech Gurus, LLC
http://www.thespeechgurus.com/encoun.html
8484 Cortland Rd
Minneapolis, MN 55344
Phone: 888-641-6776
E-mail: info@TheSpeechGurus.com
Environmental control units and switches from a company that specializes in speech recognition software and hardware

For info on adaptive gaming, please ask for our fact sheet on Adaptive Video Gaming.
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