











MULTI-FUNCTION ELECTRONIC AIDS TO DAILY LIVING Comparison Chart








Electronic Aids to Daily Living (EADLs) control devices in the environment using an alternative method, to provide independent control for persons with physical, sensory and/or cognitive impairments.

Direct Access Systems											
Remote control models and prices change frequently. Check with the manufacturer.											
EADL NAME	PHOTO	ACCESS	CONTROLS	IR		MACR	PORT	BATRY	DISPLAY	COMMENTS	COST
				Stord	Irn	OS	ABLE	BKUP			
GEWA Access Prog Zygo Industries 800-234-6006 www.zygo-usa.com		Direct One or two switches	IR functions: 205 X10 functions: through IR/X10 converter	no	yes	yes	yes	yes	Static overlays	Large 36 keys	\$2515
GEWA Control Prog Zygo Industries 800-234-6006 www.zygo-usa.com		Direct Switch: 1 - 2	IR functions: 241 X10 functions: through IR/X10 converter	no	yes	yes	yes	yes	Static overlays	15 levels, keyguard	\$1140
GEWA Progress Zygo Industries 800-234-6006 www.zygo-usa.com		Direct Switch: 1 - 2	IR functions: over 100 X10 functions: 256 through IR/X10 converter	no	yes	yes	yes	yes	Dynamic graphic display	Auditory scanning with recorded speech. Different scanning options available. 30 pre-built pages or can customize, various languages, graphics based, can back-up program.	\$5730
Insteon RemoteLinc Wireless Remote Control Smarthome 800-762-7846 www.smarthome.com		Direct	Insteon functions: 6 scenes 417 devices	n/a	n/a	yes	yes	yes	Buttons	Remote works up to 150' from access point. Access Point required: #2443, \$39.99.	\$59.99
Jive! Possum/AbleNet, Inc. 800-322-0956 www.ablenetinc.com		Direct Switch	IR X10	no	yes	yes	yes	yes	Dynamic	Compatible with Actuate or Sero! Phones Also an AAC device	\$5900
Maxi Controller X-10 (USA), Inc. 800-675-3044 www.x10.com		Direct	X10 functions: 16 devices through powerline	n/a	n/a	yes	no	no	Text	Preset macros: all lights on, all lights off	\$24.99



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EADL NAME	PHOTO	ACCESS	CONTROLS	IR		MACR	PORT	BATRY	DISPLAY	COMMENTS	COST
				Stord	Irn	OS	ABLE	BKUP			
Primo! Possum/AbleNet, Inc. 800-322-0956 www.ablenetinc.com		Direct Switch	IR X10	no	yes	yes	yes	yes	Dynamic, 14 buttons	Compatible with Actuate or Sero! phones	\$2700
Universal 5-in-1 Learning Remote X-10 (USA), Inc. 800-675-3044 www.x10.com		Direct	IR functions: 5 devices X10 functions: 16 devices through RF and powerline	yes	yes	no	yes	yes	Backlit buttons Text		\$price varies with model
Vizia RF Z-Wave Programmer Smarthome 800-762-7846 www.smarthome.com		Direct	Z-Wave functions: 256 devices Can create scenes	n/a	n/a	yes	yes	yes	Display Buttons		\$155.99
Wireless Remote Control System X-10 (USA), Inc. 800-675-3044 www.x10.com		Direct	X10 functions: 8-16 devices through RF and powerline	n/a	n/a	yes	yes	yes	Text	To control more than 8 X-10 functions, must slide lever. Kit includes transceiver, receiver, 2 modules.	\$39.99





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Switch Access Systems											
Choices are scanned and selected by a switch activation											
EADL NAME	PHOTO	ACCESS	CONTROLS	IR		MACR	PORT	BATRY	DISPLAY	COMMENTS	COST
				Stord	Irn	OS	ABLE	BKUP			
Angel FX Angel ECU 772-834-1989 www.angelecu.com		Switch: 1 - 2	IR functions: 1300 X10 functions: 18 devices Phone, bed, nurse call	no	yes	yes	option	yes	Dynamic graphic display	Auditory scanning, speech output, serial and relay output. Formerly Solo Act by Taplink.	\$6200
GEWA Access Prog Zygo Industries 800-234-6006 www.zygo-usa.com		Direct One or two switches	IR functions: 205 X10 functions: through IR/X10 converter	no	yes	yes	yes	yes	Static overlays	Large 36 keys	\$2515
GEWA Control Prog Zygo Industries 800-234-6006 www.zygo-usa.com		Direct Switch: 1 - 2	IR functions: 241 X10 functions: through IR/X10 converter	no	yes	yes	yes	yes	Static overlays	15 levels, keyguard	\$1140
GEWA Progress Zygo Industries 800-234-6006 www.zygo-usa.com		Direct Switch: 1 - 2	IR functions: over 100 X10 functions: 256 through IR/X10 converter	no	yes	yes	yes	yes	Dynamic graphic display	Auditory scanning with recorded speech. Different scanning options available. 30 pre-built pages or can customize, various languages, graphics based, can back-up program.	\$5730
Jive! Possum/AbleNet, Inc. 800-322-0956 www.ablenetinc.com		Direct Switch	IR X10	no	yes	yes	yes	yes	Dynamic	Compatible with Actuate or Sero! Phones Also an AAC device	\$5900
PocketMate SAJE Technology 847-756-7603 www.safe-tech.com		Direct Switch: 1 - 2	256 functions IR X10			yes	yes	yes	Dynamic	Optional phone	\$1700
Primo! Possum/AbleNet, Inc. 800-322-0956 www.ablenetinc.com		Direct Switch	IR X10	no	yes	yes	yes	yes	Dynamic, 14 buttons	Compatible with Actuate or Sero! phones	\$2700








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<ul style="list-style-type: none"> Relax II Relax III <p>AbleNet, Inc. 800-322-0956 www.ablenetinc.com</p>		Switch: 1 - 2	<p>IR functions: II: 40, 4 devices III: 30, 3 devices + phone X10 functions: 10 devices through RF</p>	no	yes	no	yes	yes	Text	<p>X-10 radio transceiver required. adjustable scanning (auto, hold, step). Relax III includes Actuate phone (pending).</p>	<p>\$675 \$</p>
<p>Simplicity Switch Quartet Technology 978-957-4328 www.qtiusa.com</p>		Switches: 2	<p>IR functions: 240, 6 devices X10 functions: 64 devices Phone, nurse call</p>	yes	yes	no	no	yes	no	<p>Nurse call option. UL, CSA, CE approved. Speech feedback.</p>	<p>\$call</p>



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Voice Access Systems											
Switch back-up access is critical in case voicing is not recognized.											
EADL NAME	PHOTO	ACCESS	CONTROLS	IR		MACR	PORT	BATRY	DISPLAY	COMMENTS	COST
				Stord	Irn	OS	ABLE	BKUP			
POWERHOUSE Home SAJE Technology 847-756-7603 www.saje-tech.com		Switch: 1 Voice	IR functions: unlimited X10 functions: unlimited phone	no	yes	yes	yes wirless headst	yes	no	Can use headset for computer voice commands, auditory feedback, 500' range	\$4495
<ul style="list-style-type: none"> Sicare Standard Sicare Light II AbleNet, Inc. 800-322-0956 www.ablenetinc.com		Switch: 1 – 2 Voice	IR functions: Standard: unlimited Light: 7 devices X10 functions: Standard: 256, RF Light II: 4, IR/X10 converter required	no	yes	yes	yes	yes	Dynamic display Large font	Optional IR phone, IR bed control, external microphone, mount. Speech feedback. Standard: 96 words, can customize menus, auditory scanning. Light II: 15 pre-set menus.	\$5700 \$2100
Simplicity <ul style="list-style-type: none"> Voice/Plus All in One(AIO)/Plus Quartet Technology 978-957-4328 www.qtiusa.com		Switches: 1 – 2 (AIO) Voice	IR functions: 240, 6 devices X10 functions: 64 Phone, nurse call	yes	yes	no	yes wirless headst	yes	no	Nurse call option. UL, CSA, CE approved. Speech feedback. Plus model provides full keyboard and mouse control.	\$call \$call
VoiceIR Infrared Voice Controller Broadened Horizons 612-851-1040 www.broadenedhorizons. com		Direct: remote Voice: 1 – 4 users	IR functions: 120 X10 functions: through IR/X10 converter	no	yes	yes	yes	yes, limited	no	Optional IR phone, IR bed control, switch output. Limited battery time. Can use one in each room or power off wheelchair batteries.	\$449

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Computer Access Systems											
Home Automation Packages	Many Home Automation software/hardware packages are available that are primarily designed to set-up scheduled events in the home using X10 technology. Some of these also send IR signals. To control individual devices and functions, the consumer must be at the computer. These are not specifically designed for people with disabilities. Common examples include X10 Active Home, Hal 2000, Home Vision, Home Director and JDS Time Commander.										
EADL NAME	PHOTO	ACCESS	CONTROLS	IR		MACR	PORT	BATRY	DISPLAY	COMMENTS	COST
				Stord	Irn	OS	ABLE	BKUP			
CINTEX 4 NanoPac, Inc. 800-580-6086 www.nanopac.com		Computer access method, including voice	IR functions: 416 X10 functions: 255 devices Phone	no	yes	no	Phone hdset	no	Computer screen	Bed controls and A/C optional. Phone headset options, including wireless. Phone only: \$995	\$2190 Base
EADL IR Package RJ Cooper & Assoc. 800-752-6673 www.rjcooper.com		Computer access method	IR functions X10 functions	no	yes	yes	no	no	Computer screen	Option: X10/IR converter and 1 module \$129 Software also runs on some SGDs	\$249
MEDIAssistant 200/200V Convergence Concepts 303-907-3050 www.convergenceconcepts.com		Computer access method, touchscreen remote control 200V - voice	IR functions X10 functions Phone	no	yes	no	remte	10-15 minutes	Remote control screen	Remote control is very small	200 \$3200 200V \$4200
MotivAid 908-781-6595 www.motivaid.com		Computer access method, touch screen, voice, switch scanning	IR functions X10 functions Phone	no	yes	no	no	no	Computer screen	Dedicated computer	?
MultiMedia Max Multimedia Designs 888-353-3996 www.multimediamdesigns.com		Computer access method. Includes Dragon Naturally Speaking for voice input.	IR functions: unlimited X10 functions: 256 devices Phone	no	yes	yes	no	yes	Computer screen: graphics of rooms	Includes computer, Dragon NS, hardware, software, installation, training, 1 yr. warranty. Optional bed control, thermostat, security camera	\$8995 \$2495 without compute r
Progress Star Zygo Industries 800-234-6006 www.zygo-usa.com		Switch scanning	IR functions X10 functions through IR/X10 converter	no	yes	yes	laptop	no	no	Progress dynamic display software uses onscreen graphic displays. Mini Progress Star does not include switch jack.	\$1385
REACH Break Boundaries 513-645-4203 www.breakboundaries.com		Touch screen, voice, head control, switch scanning	IR functions X10 functions Phone	no	yes	yes	yes	yes	12" screen	Can customize screen	\$6400

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Speech Generating Devices		
Most high end SGDs send IR signals.		
<ul style="list-style-type: none"> DynaVox M3 DynaVox V/VMax DynaWrite Xpress DynaVox Technologies 866-396-2869 www.dynavoxtech.com	Each of these communication devices sends nearly unlimited IR signals. X10 commands can be accomplished with an IR/X10 converter. Each offers a variety of access methods (direct, single and dual switch, joystick, mouse), customizable dynamic displays, auditory scanning for switch access, graphics and speech output. Each learn IR signals and can store macros. Auditory scanning means that the client just has to listen to scanned options, the auditory cue can be customized to the client's needs and no reading or even vision is required. The DynaWrite is a direct access device. The DynaVox V/VMax and the DynaVox M3 have an optional PhoneIT feature for phone control (\$315). The DynaVox M3 is the least expensive option (price listed) and can be used even by verbal consumers to provide reasonably priced switch accessed control of devices in the environment.	\$3285 
<ul style="list-style-type: none"> ECO-14 Pathfinder Springboard Lite Springboard Plus Vanguard Plus Vantage Plus Prentke Romich Co. 800-262-1984 www.prentrom.com	Each of these communication devices sends nearly unlimited IR signals. X10 commands can be accomplished with an IR/X10 converter. Each offers a variety of access methods (direct, single and dual switch, joystick, mouse), customizable dynamic displays, auditory scanning for switch access, graphics and speech output. Each learn IR signals and can store macros. Auditory scanning means that the client just has to listen to scanned options, the auditory cue can be customized to the client's needs and no reading or even vision is required. The ECO-14 has an optional Air Card to allow wireless control of a landline phone. The Springboard Lite is the least expensive option (price listed) and can be used even by verbal consumers to provide reasonably priced switch accessed control of devices in the environment.	\$2495 
Power Wheelchair electronics		
Some power wheelchair expanded electronics packages send IR through the display.		
Invacare MK6i	Separate IR module, IR and X10 control (through converter). Preset and Learning IR. The consumer uses the directional drive switches to scroll through and choose device and function options. \$995.	
PG Drives Rnet	Separate module. Used on Permobil and Quickie power wheelchairs. IR and X10 control (through converter). Preset and Learning IR. The consumer uses the directional drive switches to scroll through and choose device and function options. \$300.	
Quantum QLogic	The QLogic display sends multidirectional IR signals from the back of the display. It can learn up to 288 codes and store up to 3 macros. It can control X10 devices through a converter (4 devices per converter, 256 max.). The consumer uses the directional drive switches to scroll through and choose device and function options.	

IR: infrared control of audio/visual equipment, IR phone or other IR controlled device

X-10: on/off control for lights, appliances, fan, buzzer, door opener, drapery control, more. Uses existing house wiring (powerline) and, if remote, radio (RF) or infrared (IR) transmission to a converter.

Insteon: like X10, uses powerline and RF, more reliable, can control more devices. Can be given X10 address.

UPB: like X10, uses single band technology, powerline.

ZigBee and Z-Wave: like X10, single band RF wireless network.

Bed control can be accomplished with 6 X10 signals by X-10 System Electric Bed Operator #304, Jantek Home Controls, Inc., 416-620-5255, \$430.

Bed control can be accomplished with IR signals using the Ablenet IR Bed Control, \$1000.

Door Openers can usually be controlled with an X10 module. If the EADL is not portable, you cannot open the door from outside. IR Door openers are available, as well.

Any EADL transmitting IR may be programmable to send to an IR telephone. Check with the manufacturer.

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