

independence & environment control

How they work: BJoy Enabler Environment Controls

For environment control to work, a 'Controller' sends a signal to a 'Receiver'. Your choice of each will depend on your physical abilities (how you are able to access the controller e.g. will you use a switch, eye tracker, or head mouse?) and what you would like to operate in your environment (a fan, a TV, an electric bed, an alarm etc.)



For **TOY** controllers See the Participation Box pg 99 and Switch Toy Controllers pg 98-101

Control USB

Control your environment from your Windows tablet or PC, using **any** access method

Use your computer to control any home appliance or device, or Sensory Room items, using the customisable Control USB remote. With its learning Infrared system, it can send signals to your TV, aircon, Hifi etc via your computer using whichever access method is preferable (voice control, eye tracking, switch access etc.) It is able to transmit both Infrared and Radio Frequency signals, so it is a truly flexible interface. Radio frequency signals can operate devices in another room, such as an alarm. With the appropriate accessories - see pg 35 - 36 for our BJ Enablers* - you are also able to control doors, lights, beds, ceiling hoists, blinds, electrical appliances and alarms.



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One of our favourites! Control of your TV, and any plugged in appliance* like a lamp, **plus** an alarm in another room, this is one of our most popular environment control units!



Control Pro

Flexible appearance & number of buttons, with switch access option!

For people who need symbol support on their remote, or switch access to all the functions, the Control Pro is a powerful and flexible remote control. Even items which are not usually remote controlled (like lamps) can be operated using a special plug adapter (see pg 35 - 36 for BJ Enabler options).

The Learning Infrared ability means that it can memorise the codes of your usual TV, aircon, music system etc. and send those signals for you, all with the touch of a switch. It is able to send both Infrared and Radio frequency signals, which means it can activate items in another room - not just those within sight of the remote - useful for activating an alarm for a carer in another room, or switching on lights around the house.

Up to 15 keys, each with up to 8 possible functions, so even multi-button DSTV remotes can be replicated. Charge using a USB cable, Long life battery; Two scan methods: simple, or by rows and columns; Custom scanning speed; Macros with sequences of up to 9 consecutive actions; LED Visual feedback. Radio Frequency: 433 MHz (ICM), IR Frequency: 38 kHz

Dimensions: 11,4 x 6,5 x 1,5 cm



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Control +

Control the environment from your cell phone or tablet

Easily control your household appliances and devices through your tablet or smartphone. With its infrared learning system you will be able to control any infrared-enabled device such as TV or HiFi, and with the appropriate accessories* you can also control other items like lights, beds, electrical appliances and blinds.

This small interface box connects via Bluetooth to your Android or iOS tablet or smartphone, and then transmits a remote control signal to your devices. Works with a free app from the Google Play store for Android, or the Apple app store for iOS.



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Phone or tablet app



Pairs with the Control + to send signals to your Infrared appliances or BJ Enabler receiver* (socket, bed control etc.)

You can customise the layout, number of buttons, functions and appearance of your app. It can also perform macros so a number of commands happen simultaneously, like lights and TV off at the same time.

Bluetooth Low Energy.
Radio Frequency: 433 MHz (ICM).
Infrared Frequency: 39 kHz.
Size: 81 x 49 x 12 mm.
Compatible with BJLive! Enablers
Switch input & output 3.5 mm
Long life battery (3 weeks in normal use). Charges via USB cable.



Control 6

Simplified control of your TV, HiFi etc. or the BJ Enablers

This is a neat and easy way to simplify your environment control remotes. Ideal for homes with automation devices in place (hoists, chair lifts, blinds, doors etc). This remote can learn the Infrared signal from those devices and control them all from one compact unit. It is also able to replace your usual TV remote and just offer a few functions - ideal for people with learning difficulties or dementia.

The 6 key design ensures that the interface is simple, yet provides many flexible functions. Capable of sending both Infrared and Radio frequency signals, it can operate everything from your TV, to an alarm in another room. With the appropriate accessories* you are also able to control doors, lights, beds, ceiling hoists, blinds, any mains electrical appliances and alarms.

Each key controls up to two functions
Learning IR memorises the codes of your usual remote controls and sends the signal for you. Easy to hang around the neck or attach to wheelchair. Radio frequency: 433 MHz (ICM). Infrared frequency: 38 kHz. Dimensions: 8,4 x 5,3 x 19cm



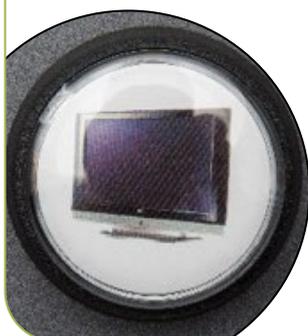
BJoy

Control Button

The largest, easiest remote available for independent environment control

This is a big, robust environment controller. With six large buttons, and the ability to send both Infrared or Radio-Frequency signals, it can be programmed to control your TV, fan, heater, plug sockets or an alarm in a different part of the house (when paired with a compatible unit).

It offers up to 10 programmable functions and is charged by micro-USB cable to provide wire-free battery operated use. It also offers switch ports for alternative access.



Large buttons can hold a symbol or photo of the item they operate, to prompt or remind the user e.g TV



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Radio Frequency: 433MHz (ICM),
Infrared Frequency: 38 kHz,
Number of switch inputs: 6,
Number of programmable functions per button/switch: 2
Dimensions: 29 x 22 x 16cm



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Enabler⁺ Socket

Activate a socket using any access method

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A plug that allows you to turn on/off your household appliances, using your computer with any access method, or directly with a switch connected to the socket, or via any BJ Controller* from the range. Use it to control electrical appliances like lights, heaters, fans, kitchen appliances, stereo, etc. Can have up to 16 Enabler + sockets in one environment (house / hospital etc). With the switch output you can also activate switch adapted toys or other appliances. Choose from three operating modes: ON/OFF, latched and timed. For anything other than direct switch activation, it will require the purchase of an additional transmitter to send the signal to the socket remotely. Receives both Infrared and Radio frequency signals, the Sockets can be distributed around the house and can be activated from another room - useful for switching on lights or any other appliance around the house independently.



Enabler Alarm

Activate an alarm in another room

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Enabler Alarm is a plug and play device that allows you to activate an alarm, using your computer with any access method, or directly with a switch connected to the socket, or via any Controller* from the range. For anything other than direct switch activation, it will require the purchase of an additional transmitter to send the signal to the socket remotely. Choose from three operating modes: ON/OFF, latched and timed.

Since it receives both Infrared and Radio frequency signals, the Sockets can be distributed around the house and can be activated from another room - useful for calling a carer from another part of the house etc. Can have up to 4 alarms in one house and activate together or separately.

Dimensions 10,5 x 5,3 x 4,6cm
Alarm is a beeping sound.



Enabler Bed

Control the position of your adjustable bed

BJoy

Now you can control your bed, even if you need to use an alternative access device like an eye tracker! Enabler Bed is a device that allows you to control the up-down, head and feet movements of a motorised bed remotely, using any of our Controllers* range.

The Enabler is easily installed between the motor of the bed and its usual remote, which avoids overriding the manual operation of the bed. Two different operating modes available: press to move or 3 second pulse, where each press will perform the adjustment for 3 seconds and then stop automatically. RF system that works through walls and other obstacles. Available for different bed models, please contact us. Supply voltage not needed. Dimensions: 104 x 59 x 36 mm. Radio Frequency: 433 MHz. Default connector: 8-pin DIN. Other options available.



Enabler Electric Motor

Control your blind, curtain, windows, & doors

BJoy

Control up to 16 elements in your home. Easily installed by a professional electrician, this box is compatible with all 230V AC motors. It connects directly to the existing motor of your electrical windows, blinds, doors and allows them to be controlled by our range of BJ Controllers*.



Environment Control Starter Kit

All you need to start controlling your world, using ANY alternative computer access device...

BJoy

This pack includes everything you need to easily control your environment using any alternative computer access method, such as a switch, headmouse or eye tracker!

Using the software installed on the laptop, you can send signals to the socket devices, switching on or off your appliance through the computer. Also enables control of infrared devices, such as your TV, or aircon.

Includes a 10" Venturer 2-in-1 laptop, a Control USB Infrared and Radio Frequency Transmitter, and 2 x Enabler Socket+ devices for appliance control. *Access device available separately.



Details on the tablet on pg 8



Details on the Control USB on pg 34



Details on the Enabler⁺ Sockets above

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Personal Alert System

Easy way to trigger an alarm using any switch

Trigger an alarm in another room, by pressing any 3.5m switch. This affordable and very useful set consists of a wireless transmitter and alarm receiver. Your choice of switch is connected to the transmitter which remotely activates the alarm.

Suitable for any person with limited mobility, elderly care, people with learning difficulties, or physical disabilities such as spinal cord injuries, multiple sclerosis, ALS / MND, neuromuscular disorders, Cerebral palsy, Brain injuries etc. Switches available separately - see pg 86 for options.



Relax Infrared Remote

Control your TV with a switch!

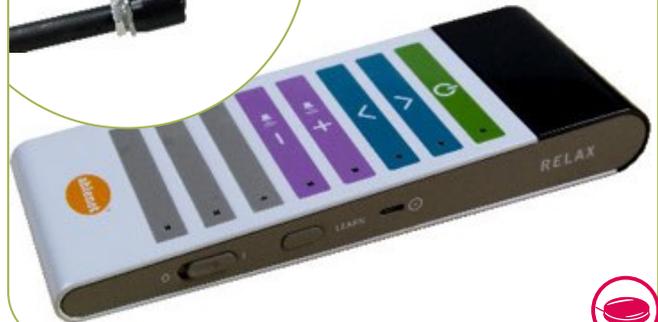
The Relax is an accessible infrared (IR) learning remote with a modern design, which provides simplified control of almost any IR device, such as your TV, radio etc.

With a light touch or with the use of one switch, an individual can control up to eight functions on their favorite IR device. With an adjustable scan rate, it is an easy way to provide independent TV access to a person able to use a switch and scanning.

Has an internal rechargeable battery, and a wall charger with international plugs. Weight: 213g; Dimensions: 18,7 x 7,4 x 2,7cm



Compatible with our mounting arm solutions to you can place it perfectly in reach - see pg 39



ZWave USB Transmitter

Control appliances from your computer

Plug this transmitter into any USB port on your PC* and it can send control signals to ZWave compatible home appliances (available from many home automation suppliers). ZWave is an international standard in home automation and appliances like certain light bulbs, window openers etc. have ZWave capability built in.

The USB allows the user to independently control lamps, fans or other mains powered appliance with an on/off switch, through their PC, using any access method.

*Additional control software such as Grid 3 is required to provide an accessible interface for the user, e.g. switch or eye tracking access - see pg 53.



USB-IRT Enviro Control Module

Control your TV with **any** access method!

The USB-UIRT allows your PC to receive and transmit Infrared signals - exactly like those used by remote controls for most TV's, VCR's, Audio Systems, etc.

Plugged into a USB port on your PC, and combined with software to create the accessible interfaces, your computer can become a control hub, allowing independent control of many devices, via switches, eye control or any other alternative access method. Separate software purchase required - see Grid 3 on pg 53.



As this is a 'learning IR' it can learn the codes from your usual remotes, and then send these to your TV etc. from your PC, using any access method to control the computer.



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How they work: EasyWave Environment Controls

The EasyWave range has 'Controllers' and 'Receivers' which pair to send a signal to your appliance. You'll need both a Controller, and at least one Receiver - that could simply be your TV!



EW Controllers



EW Receivers



Connected to your Appliances



EasyWave Button

Call for help, switch on light...with just a click **EW**

This simple button sends a signal to a receiver*, in the same room or in another part of the house / hospital. It could be used to switch on a light, if the lamp were plugged into the receiver socket. Or it could trigger an alarm receiver to call for assistance from another room.

It is also useful as a backup to provide just a call function at night when the main PC-based environmental control system is not in use.



*Additional accessory receivers are required.

EasyWave USB

Lets your computer control a lamp, fan & more! **EW**

Plug this transmitter into any USB port on your PC and it can send radio frequency signals to the EasyWave range of environmental control sockets*. Allows the user to independently control lamps, fans or any other mains powered appliances with an on/off switch.

Simply plug the fan/lamp etc into the socket*, and the USB will send an On/Off signal from your computer.



*Additional accessory receivers and Grid 3 are required.

EasyWave Socket

Control **any** mains powered appliance **EW**



Plug in any mains powered appliance, and control on/off, or set the duration for how long it should remain on. The socket is switched on/off wirelessly via the radio frequency control transmitters above on this page. Use for a fan, heater, or any other electrical appliance that needs to be switched on or off at the mains. For 2 pin EU Shucko plugs.

*Additional accessory transmitter required.

EasyWave Necklace

Always within reach, easy & simple to use **EW**

With all the same benefits as the EasyWave Button, this version may be worn on a lanyard around the neck to ensure it is always within easy reach. Both the Necklace and Button versions are available in a version which offers a simple On/Off function, or a Pulsed signal.



*Additional accessory receivers are required.

EasyWave Hand 10

Override for carers with On/Off for 5 devices **EW**



This transmitter can send an On / Off signal to up to 5 appliances, connected to compatible receivers*. It can provide an override ability for carers, to allow them to operate the user's environmental control system on their behalf. This is useful if the main PC-based system is switched off, but the carer would like to switch on/off a light etc, via the transmitter without affecting the user's controls.

*Additional accessory receivers are required.

EasyWave Alarm

Sound an alarm in another room **EW**



This alarm can be plugged into a mains socket in another room and allows a person using a PC-based environmental control system to trigger the audible alarm with a flashing light, to alert a helper. The alarm allows an additional appliance to be plugged into that socket, however that appliance is not remote controlled. For 2 pin EU Shucko plugs.

*Additional accessory transmitter required.