

User guide type 31505610



User guide, English

DC operated Mains power relay.

Operate this relay from:

- *Scart output socket.*
- *DC 0/ 5-12 volt.*
- *USB output socket.*
- *Bang & Olufsen Powerlink outlet.*

Congratulations

With a OneRemote 31505610 mains power relay, mains can be controlled to one or more devices.

Using the appropriate adaptors, the relay can be activated from sources like a B&O Powerlink outlet, a Scart TV output from a set top box, a USB input or a simple 0/ 5-12 volt signal.

There is no programming to be done on this relay.

The power relay is delivered without cables.

Application 1.

Set Top Box and a Flat Screen

The OneRemote mains relay can be used to power on a flat screen TV, when a set top box is powered on. This way the remote control from the Set top Box is all that is needed, to watch TV.

To use this application, the TV must be set in a mode as it automatically switches on, when mains is applied.



This picture shows a setup with a TV receiver able of storing recordings on an external hard drive. A perfect solution that is able to fulfil most peoples needs of TV-watching.

With the attached mains relay, the flat screen and the audio system automatically powers on, when the receiver is powered on. When the receiver is powered off, the flat screen consumes zero power.

The simple remote control of the receiver is the only remote control needed to operate TV, recorder and audio level.

Application 2.

Powerlink amplifier control.

The OneRemote mains relay can be used to power on and of a passive amplifier, in a Powerlink operated Bang & Olufsen system.

This way it is possible to use any speaker in a Bang & Olufsen setup. The use of any size or type of speaker is then possible, with a suitable amplifier.



Using the OneRemote Powerlink adapter cable type 39207498, the regulated audio and speaker switch signal are extracted from the Powerlink signal.

The extracted speaker switch signal can be used to operate the mains switch, and power on and off any power amplifier.

The extracted audio signal can then be applied a suitable input of the amplifier.

Cables and activation

The mains relay is activated when a voltage over 4 volt DC, is applied to the outer pin of the 3.5 mm female Jack plug.

The ON/ OFF button on the switch can activate the relay as well.

If either the switch **or** a signal has been applied a voltage, the relay will be activated.

OneRemote offers different cables:



OneRemote cable 39207496 is used to activate the mains relay, when a USB connection is powered up. Maybe a USB connection on a Set top Box.



OneRemote cable 39207497 is used to activate the mains relay, when a Set top Box is powered up, measuring this on the TV output scart socket.



OneRemote cable 39207498 is specifically made for activating the relay, via e Bang & Olufsen Powerlink connection.



Extension cables are available, the signal can be extended to more than 30 meters:

2,5 meter 39207858

5 meter 39207859

10 meter 39207860

