

User manual



OneRemote
DC-operated Mains Switch
Type 31505610

User Manual

Congratulations

With the 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/ 2-12 volt signal.

There is no programming needed with this relay.

The power relay comes without cables.

Specifications

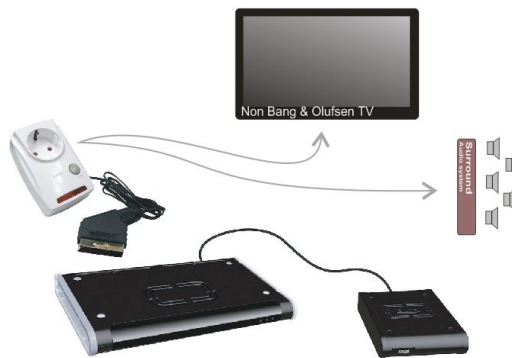
Mains supply:	230 V AC, 1000 W.
Mains Socket:	Round.
Control voltage 3.5 mm Jack outer pin:	2 – 12 Volt.



**Application 1.
Set Top Box and a Flat Screen**

The OneRemote mains relay may be used to power on/ off a flat screen TV, controlled by a set top box. This way the Set-top Box's remote control will power on both the TV and the set top box.

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



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 may 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 above 2 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/ deactivate 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.



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



OneRemote cable 39207498 is specifically made for activating the relay, from a Bang & Olufsen Powerlink source.



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

2,5 meters 39207858

5 meter 39207859

10 meter 39207860

