PowerLink Switch

OneRemote Type 30017782

User Manual

one>remote

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POWERLINK SWITCH TYPE 30017782

The OneRemote PowerLink Switch is developed for use with active (powered) B&O speakers connected with PowerLink DIN cables. Use adaptor cables, if speakers or a source are equipped with RJ45 connectors.

The PowerLink Switch makes it possible for two sound sources to share one set of PowerLink speakers.
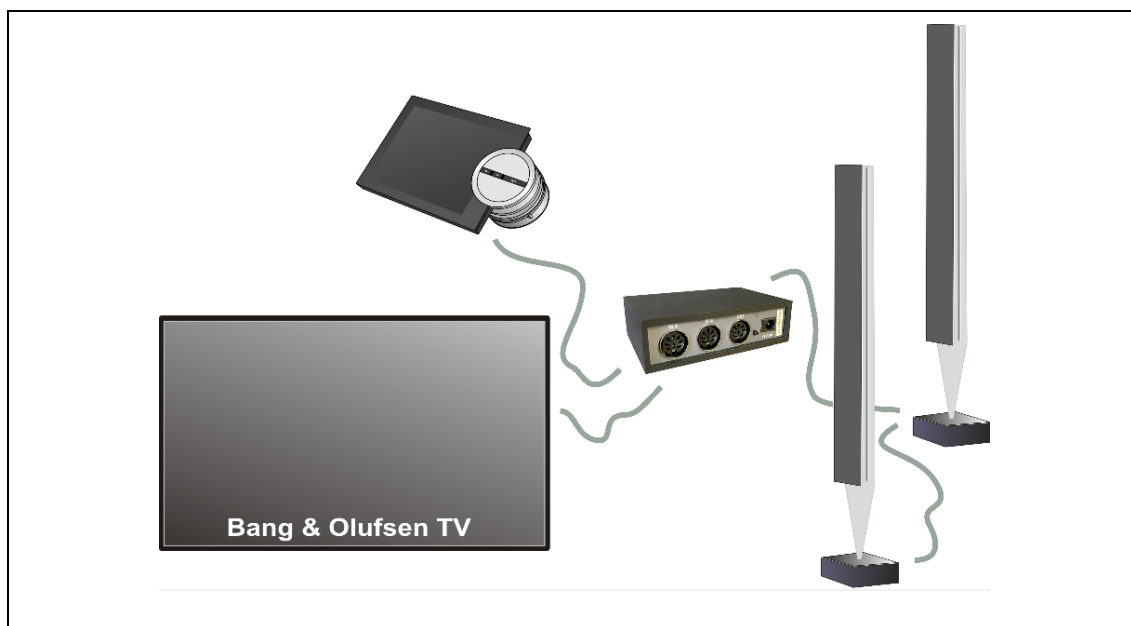
PRIORITY SWITCHING MODE

When one of the sources is powered on, sound from this input will be routed to the output of the switch. At the same time the speaker will power on.

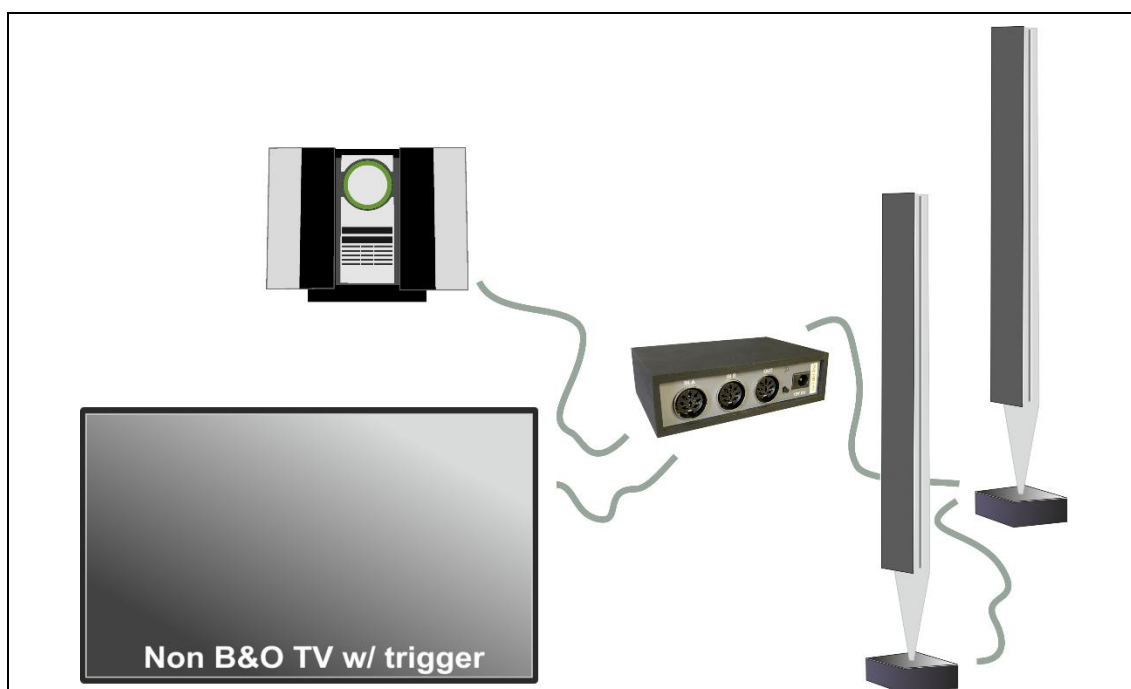If **both** IN1 and IN2 sources are powered on, IN1 input will always be prioritized.

IN1	IN2	Out
ON	OFF	IN1
ON	ON	IN1
OFF	ON	IN2
OFF	OFF	Speaker off

LED INDICATION

Red	Standby, no input is detected at either input. Speakers connected to Output is turned off.
Green	IN1 or IN2 is active. Speakers connected to Output is turned on.

Example of use with a BeoSound Encore and a Bang & Olufsen TV sharing a set of BeoLab speakers.

Example of use with a NON Bang & Olufsen TV [1] and a BeoSound audio product sharing BeoLab speakers.
[1] The TV must have a regulated sound output and a trigger output signal.

FEATURES

GALVANIC ISOLATION

Using galvanic isolation, the input signals are completely separated from each other. This prevents problems with floating grounds and the two separate ground potentials for both data and audio.

- Sound signals are switched with real mechanical relays.
- Data ground signal is switched separately with a relay.
- Analog ground signal is switched separately with a relay.

LOSSLESS AUDIO PASS

The audio signals are passed without any modification; the output of the switch is the same that enters the input.

DATALINK PASS

Datalink is passed to the output, from the selected input for display and other control.

DELAY AT POWER OFF

As the switching is controlled directly from the sources, the speaker will power off immediately, when no source is selected. When the speaker is powered off, sound signals will be muted.

INSTALLATION

The OneRemote PowerLink Switch is easily installed.

1. Connect the speakers with PowerLink cable(s). *Not included.*
2. Connect the two sound sources with appropriate cables. *Not included.*
3. Connect the Mains adapter.

CABLE QUALITY

Make sure to use good quality PowerLink cables, preferably double-shielded types, especially if long cables are used. Do not use un-shielded cables for any connection.

PowerLink MKII with 4-wire mounted is not recommended.

When connection to PowerLink sources, there is no need for further programming. The PowerLink switch is factory programmed in the *Priority Switching Mode.*

TECHNICAL SPECIFICATIONS

Dimensions   28 x 95 x 63 mm

Included accessories   Power Adaptor 12VDC @ 400mA

Not included   Cables

CONNECTIONS

Sockets:
IN1   DIN 8-pin PowerLink
IN2   DIN 8-pin PowerLlink
OUT   DIN 8-pin PowerLink

Power   12V DC 100mA

Switch   No function in this model.