

A PRODUCT BY

B O S S C O M

www.bosscom.com

WIRELESS POWERLINK

USER MANUAL



B O S S C O M

Contents

General	3
Wireless Powerlink	3
Package Contents	4
Disposal of Old electrical Devices	6
Installation	7
"Pairing Function"	7
Connecting the Devices	9
Assembly Instructions / Placement	11
System description	12



B O S S C O M

General

Dear Customer,

Thank you for choosing this wireless Bang & Olufsen® compatible Powerlink radio transmission system. This installation guide will help you to properly integrate the unit into your audio system. With years of expertise, we want to bring the benefits of the latest technology into your living room.

Wireless Powerlink

The WirelessPowerlink System was specifically developed for your Bang & Olufsen® system and provides signal transmission from the system to the speakers, wherever a wired connection is not possible or simply too expensive.

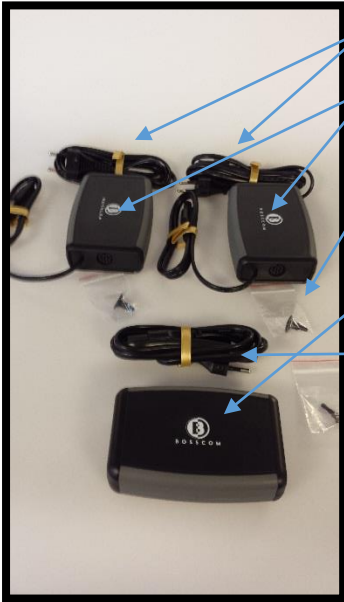
The TV Station on your Bang & Olufsen® TV for example, and the receivers of the rear speakers are constantly connected via radio - this means you can enjoy wireless surround sound in absolute CD-quality.

The automatic frequency change to the maximum transmission reliability, results in an insignificant latency between the wired and wireless connected speakers - which creates a slight hall effect. In case there is no signal available at the transmitter - because the system is turned off or the sound is muted - the speakers will also go into standby mode - just like it would with a cable connection.



BOSSCOM

Package Contents



Powercord (for receivers)

Receiver (2pcs)

Paring kit

Transmitter

Powercord (for transmitter)

Safety Instructions

To ensure best performance, please read these instructions carefully. Keep them in a safe place for future reference.

Install the equipment in a well-ventilated, cool, dry, clean environment - away from direct sunlight, heat sources, vibration, dust, moisture and/or cold.

Place the unit away from other electrical devices, motors, or



B O S S C O M

transformers to avoid humming sounds.

Do not expose the equipment to sudden temperature changes from cold to hot, and do not place it in places with high humidity (e.g. in a room with a humidifier) to prevent the formation of condensation inside the devices, which could cause electric shock, fire, damage to the devices and/or accidents with injuries.

Do not place the devices in locations where any solid objects could fall into the device or liquid splashes may be spilled on/into the device. Do NOT place the following items on the device:

- Other components, as they can cause damage and/or discoloration to the surface of the devices.
- Burning objects (such as candles), as they may cause fire, damage to the device and/or injuries.
- Containers with liquid, as they can tip over and liquid can enter the devices, which can cause electrical shock or damage to the device.

Do not cover the devices with newspaper, tablecloth, curtains, etc., in order to prevent heat accumulation. If the temperature inside the devices rises rapidly, this may result in fires, damage to the devices and/or injuries.

Do not operate the devices in a tilted position. This can lead to overheating and damage the device.

Do not apply force in the operation of buttons and/or cables. Always grasp the plug, if you disconnect the power cord and/or the adapter from the wall outlet. Never pull the cord.

Do not try to clean this device with chemical solvents because they may damage the housing. Clean only with a clean, dry cloth. The devices may only be operated with the prescribed voltage. Operating the device with a higher voltage than specified, is dangerous and can cause fire, damage to the device and /or



B O S S C O M

injuries.

ip media systems GmbH is not responsible for any damage resulting from the operation of the device with a voltage other than specified.

Do not attempt to modify or repair these devices yourself. Please contact your specialty retailer if service is required. The housing may not be opened under any circumstances.

If the devices are not going to be used for long periods of time (e.g. vacation), disconnect the power cord from the wall outlets.


In case of malfunction, carry out the pairing function again (see page 5). Should the malfunction persist, contact your local specialty retailer, or submit an email to support@bosscom.com.

Before moving this device, unplug the power cord from the wall outlet.

Disposal of Old electrical Devices

If this symbol is found on the products, packaging and/or accompanying documents, used electrical devices should not be disposed of with normal household waste.



In accordance with your national legislation and the Directives  2002/96/EC, take your old electronic devices to the appropriate collection sites, for disposal, re-treatment and reuse.

By properly disposing of electrical appliances you help to protect valuable resources and prevent possible negative effects on human health and the environment that might otherwise arise from inappropriate waste disposal.

For more information about collection and recycling of old



B O S S C O M

electronic devices, please contact your local city or municipal administration, your waste disposal service or the dealer of the product.

[Information on disposal in countries outside the European Union] This symbol is only valid within the European Union. If you wish to discard such devices, please contact your local authorities or dealer to inquire about the proper disposal method.

Installation

”Pairing Function”

The receiver must be registered with the transmitter on location. The following steps are necessary for the registration:

1. Both units must be connected to a power source - the yellow Status LED (left hole) lights up and the green LED (middle hole) blinks every second.

CAUTION:

Do NOT connect the devices with the Power Link-Source and the speakers yet!





B O S S C O M

2. Using the provided pairing kit, press and hold the key on the bottom of the transmitter and the first receiver for about 5 seconds, until the green signal LED (in the middle hole) of the transmitter begins to flash quickly. Releasing the buttons starts the pairing function

This process may take up to 4 minutes

It is completed once the signal LED begins to blink every second



The same registration procedure must be followed for the second receiver.

3. Afterward, all devices must be unplugged.



BOSSCOM

Connecting the Devices

4. Connect the transmitter on the PL IN socket to the Powerlink output of your Bang & Olufsen® device, with the supplied Powerlink cable. Then connect it to the power supply (power cord also included).

Transmitter





B O S S C O M

5. Use a Powerlink cable to connect the receiver to the PL OUT socket and the permanently connected power cord to connect it with your Bang & Olufsen® speakers (Powerlink cable included with your speakers).

Then connect the receiver to the power supply (Power cord also included with your speakers).



The status LED on your speakers should now light up red.

6. The installation is now complete. You can activate the Powerlink source on low volume - the status LED on your speakers will light green and you will enjoy the sound of your Bang & Olufsen® device in CD-quality.



B O S S C O M

Assembly Instructions / Placement

The logo on the side of the receiver and the transmitter should always be visible, to achieve the best possible transmission quality. Also make sure that the devices are not placed in the immediate vicinity of antenna cables - this can cause static noise.

CORRECT:

Lying flat on the side with the type plate – the side with the logo is visible



CORRECT:

Lying on the narrow side





B O S S C O M

If the device is going to be attached to the wall with tape (e.g. Velcro), the side with the logo must also be visible.

In no case should the device be placed as illustrated below.

WRONG:

Lying flat on the side with the logo facing down



In this case the metal blank faces upwards and thus partially shields the antenna, which can lead to loss of signal quality.

System description

Compatibility with Bang & Olufsen Devices

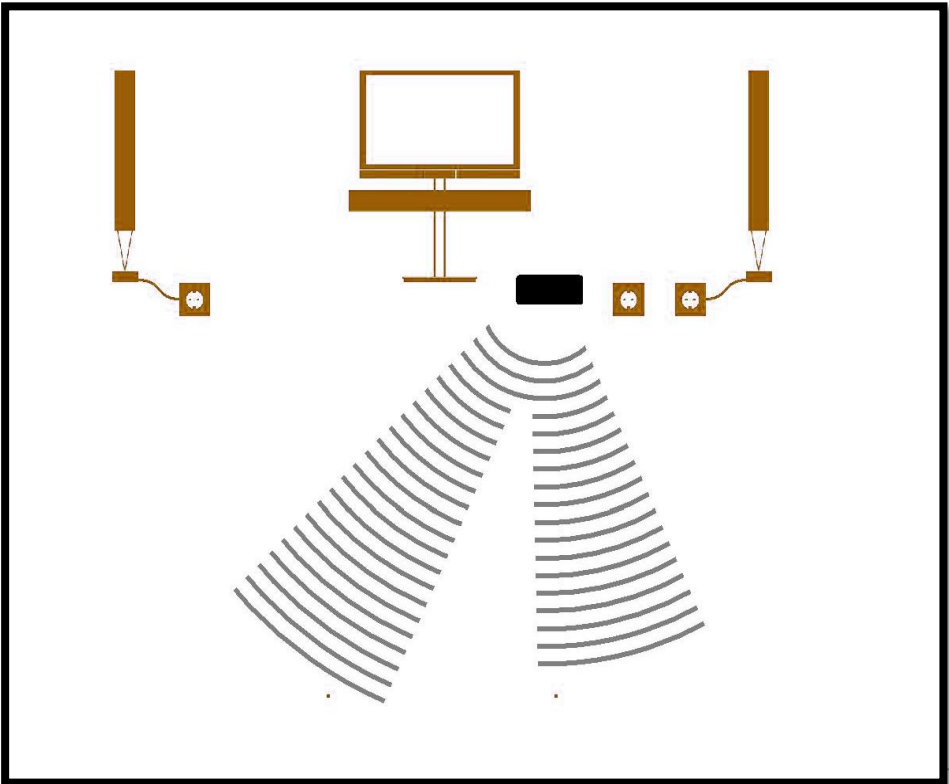
The WirelessPowelink System is compatible with ALL active Bang & Olufsen® speakers other than BeoLab 5®.



B O S S C O M

Wireless Powerlink For Surround Systems

Here, the front speakers remain connected to your system via wires. Wherever a wired connection to the rear speakers is not possible or simply too expensive, you can expand your wired stereo system to a full surround system with Wireless Powerlink.



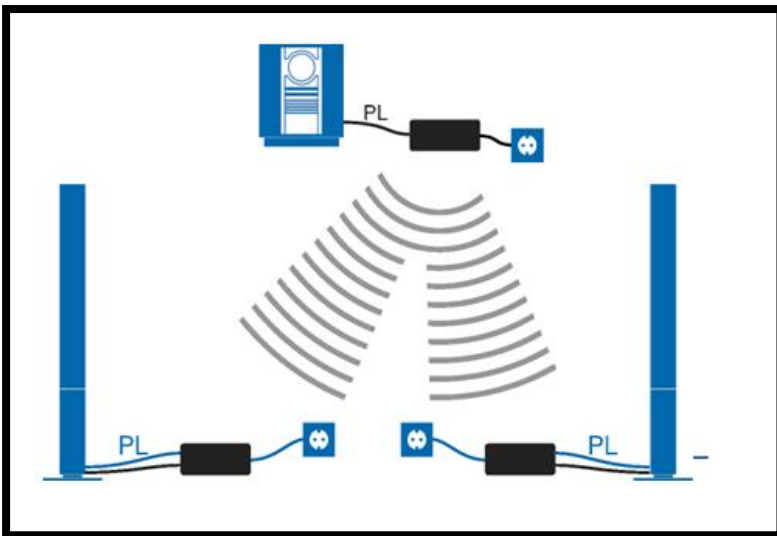


B O S S C O M

Note: The automatic frequency change to the maximum transmission reliability results in an insignificant latency between the wired and wireless connected speakers - which creates a slight hall effect. You can easily adjust this in the configuration mode of the Dolby Surround menu. To do this, increase the distance of the wireless connected speakers for about 6 m.

Wireless Powerlink in stereo Mode

Wherever a wired connection to the rear speakers is not possible or simply too expensive, you can extend your wired stereo system to a full surround system with WirelessPowerlink. And if you have an outdoor party, you can simply place the speakers on the patio and connect them to an outlet - the music will accompany you outside.

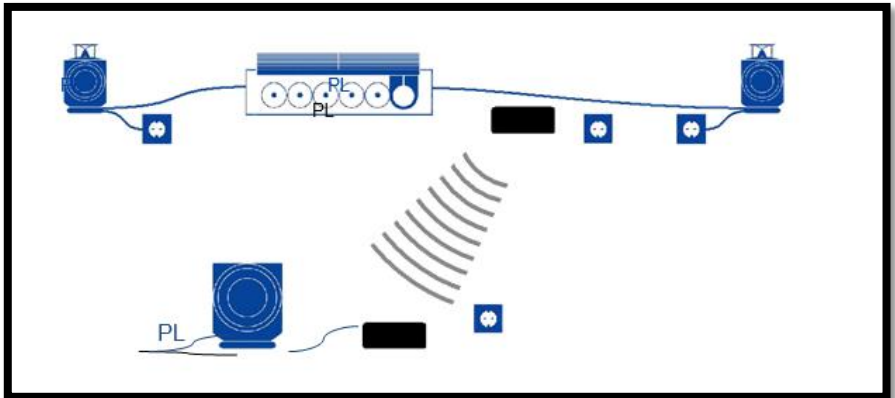




BOSSCOM

Wireless Powerlink for you sub-woofer

With WirelessPowerlink as an extension you can also expand your wired stereo system with a sub-woofer such as the BeoLab 2® very easily and thus increase your listening enjoyment





B O S S C O M

Technical Data

General

Transmission Mode:	Digital Radio Link
Range	Approx. 15m within the room / 50m in open field
Frequency Change:	Automatically on 34 channels
Radio Frequency:	2.4 GHz ISM band (transmitting / receiving freq.)
Modulation:	GFSK
Audio Format:	16 bit, 48 KHz Sampling Rate
Channel Separation:	> 90 dB
Signal-to-Noise Ratio: Total Harmonic Distortion/THD:	> 90 dB THD < 0,01%
Frequency Response:	10 Hz (-0,5dB) - 20 kHz (-1dB)
Standby Function:	After about 10 minutes without audio signal
Pairing Function:	Allocate a traffic control protocol with the device-ID Enables parallel operation of several systems
Compatibility:	All active B & O [®] speakers except <u>BeoLab 5[®]</u>
Power Supply:	200-240V ~ 50Hz / integrated power supply unit

Connections

Receiver:	Powerlink jack 8-pin (output) Power Connector 2-pin Power Co (permanently connected)
Transmitter:	Powerlink jack 8-pin (input) Power Connector 2-pin

Housing

Dimensions:	Each 171 x 72 x 34 mm (L x W x H)
Color:	Black

 **Powmascables.com**

More info or to buy, www.powmascables.com

16

www.bosscm.com