almando

no limits to your home entertainment

Almando Masterplay

Masterlink output for B&O Masterlink speakers
(BeoLab 3500, BeoLab 2000, MCL 9000, BeoLink Passive, BeoLink Active)

8pin DIN input for devices from B&O and other manufacturers
**(audio signal detection for devices with RCA or headphone output,
e.g. Sonos Connect, Sony TV etc.)**

Almando Autoplay automatic
(signal detection, speaker on/off, auto standby)

Bluetooth module for wireless audio streaming

installation manual

ALMANDO

In the digital world of consumer electronics there are high-quality devices, technologically sophisticated devices, devices with good design and easy-to-use devices. And there are only a few devices that combine all this to meet the needs of their users - like devices from almando GmbH. To achieve this, we take new and unconventional paths and can rely on many years of experience.

Congratulations on your purchase of the almando Masterplay. The device is B&O compatible and all Bang & Olufsen Masterlink speakers can be connected – BeoLab 3500, BeoLab 2000, MCL 9000, BeoLink Passive und BeoLink Active.

Various devices from Bang & Olufsen and other manufacturers can be connected to the 8pin DIN input. The almando Masterplay automatically detects when the connected source is active and automatically turns on the Masterlink speaker.

To activate and operate your source, you only need the remote control of the connected device - the rest is done automatically by the almando Masterplay.

The almando Masterplay has built in a high-quality Bluetooth module with aptX. This allows you to play the music of any app on your smartphone or tablet (iOS and Android) wirelessly – again the Master loudspeaker is turned on automatically.

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TRADEMARKS

The Bluetooth word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by almando GmbH is under license.

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SAFETY INSTRUCTIONS

Connect the device to the power supply using the supplied power cord. A damaged cable must not be repaired.

The operating voltage must match the local mains voltage.

Protect the device from moisture and water. Do not operate the unit in rain. The appliance must not be operated near water, bathtub, sink, kitchen sink, wet room, swimming pool or damp rooms. Do not place objects filled with liquid, such as vases, glasses, bottles, etc. on top of the device.

Avoid direct exposure to the sun as well as the immediate proximity of radiators, radiant heaters or similar devices.

If the appliance is suddenly brought from a cold to a warm place, condensation may form inside the appliance. Before switching on, wait until the device has reached room temperature.

To protect the device during a thunderstorm or when it is not supervised or used for an extended period, the mains plug should be pulled. This prevents damage to the device due to lightning strikes and voltage surges in the power supply system.

In case of improper use and by opening the device, the guarantee claim will be extinguished!.

Disclaimer of liability:

almando GmbH is not liable for damage to equipment caused by negligence or improper use. In particular, almando GmbH is not liable for loss of profit or other assets of the buyer. This restriction also applies to the personal liability of employees, representatives and vicarious agents..

Consumer information on the collection and disposal of old electrical appliances

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

In accordance with your national regulations and the Directives 2012/19/EU, please take old equipment to the appropriate collection points for proper disposal, reprocessing and reuse.

By properly disposing of electrical equipment, you help to protect valuable resources and prevent possible negative effects on human health and the environment that could otherwise occur due to improper waste disposal.

For more information on collecting and recycling old electrical equipment, please contact your local city or town council, your waste disposal service or the point of sale.

[Information for business users in the European Union]

If you wish to discard electrical equipment, please contact your dealer or supplier for more information.

[Disposal information for countries outside the European Union]

This symbol is only valid within the European Union. If you wish to discard such items, please contact your local authorities or your dealer and ask for the appropriate disposal method.

HOW IT WORKS

The almando Masterplay was developed to allow Bang & Olufsen Masterlink speakers to continue to be used, even if no Masterlink capable device (B&O TV or B&O audio system) is available in the Masterlink network.

Not only newer B&O devices (without Masterlink) but also devices from other manufacturers can be connected to B&O Masterlink speakers, as long as they have a volume controllable output:
- TVs from Bang & Olufsen, Loewe, Metz, Sony, TechniSat, etc.
- Audio devices from B&O (z.B. BeoSound Core, etc.)
- Audio devices from other manufacturerd (e.g. Apple Airport Express,
  Google Chromecast Audio, Sonos Connect, etc.

Example of use: BeoLab 3500 as a soundbar for a Sony TV
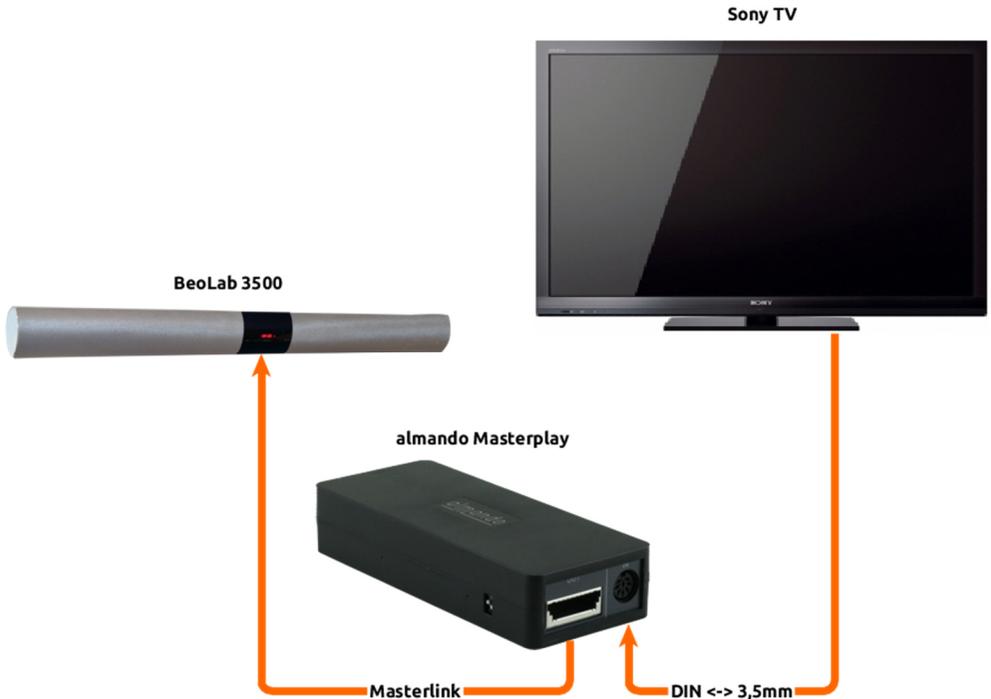
As soon as you switch on the TV with the TV remote control, the almando Masterplay automatically turns on the BeoLab 3500. You do not need a B&O remote control for this.

Example of use: BeoLab 2000 connected to a Sonos Connect

As soon as you start the playback on the Sonos Connect with your Sonos Control App, the almando Masterplay automatically activates BeoLab 2000. Naturally, playback is absolutely synchronous with other Sonos speakers in your Sonos Multiroom system without any time delay.

Example of use: BeoLab 3500 as a Bluetooth speaker

Of course you also can send the music wirelessly from your smartphone or tablet to the almando Masterplay via Bluetooth. The connected Masterlink speaker ist turned on automatically. You don't have to press any key on the speaker or on a B&O remote control - simply start any app like Spotify, Youtube, TuneIn Radio, etc. and off you go!

STEPS FOR SETUP

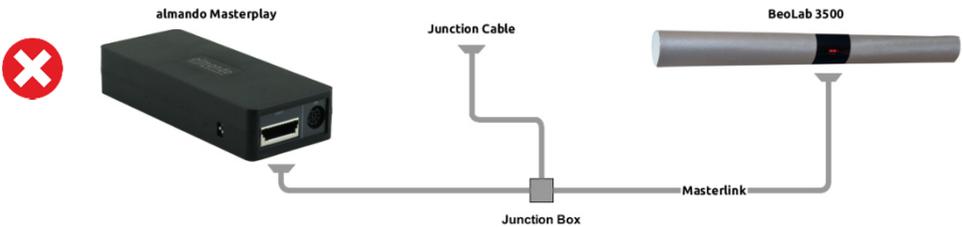## Step 1: Connect the B&O Masterlink speaker with the Masterplay

Important notes:

Connect both devices directly with a continuous Masterlink cable.

The Masterlink cable must not be interrupted, e.g. by a junction box or a branching cable.

For each Masterlink speaker you need a separate almando Masterplay. You must not connect more than one Masterlink speaker to an almando Masterplay.
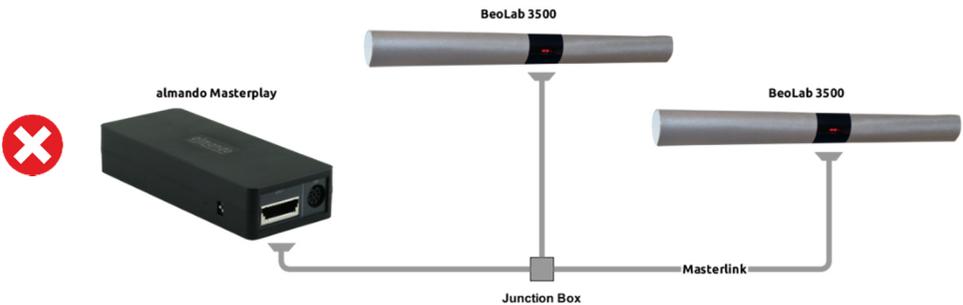
The almando Masterplay is available in two versions with different outputs:

Version 1 with the classic Masterlink socket is suitable if you have a finished Masterlink cable with Masterlink connectors at both ends.

Version 2 with a screw terminal is suitable if you have a Masterlink cable with only one Masterlink connector and one open end on the other side (e.g. a cable removed from a junction box).
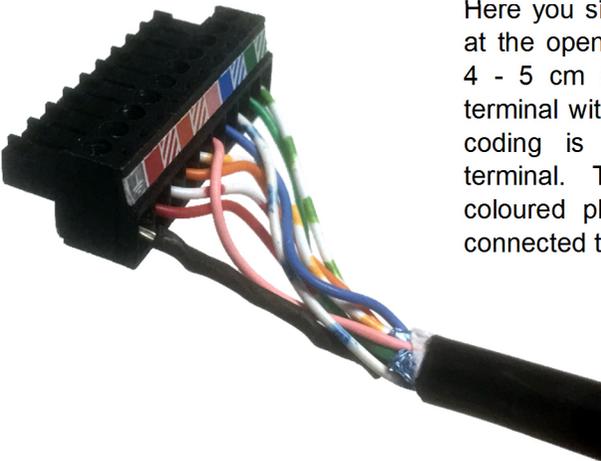
Here you simply insulate the individual wires at the open end of the cable, approximately 4 - 5 cm and connect them to the screw terminal with a small screwdriver. The colour coding is printed directly on the screw terminal. The three bare wires without coloured plastic insulation are twisted and connected to GND.

Step 2: Connect the B&O Masterlink speaker to the mains power supply

Step 3: Activate the TIMER on the B&O Masterlink speaker

Press the TIMER button on the Masterlink speaker or on the BeoLink IR eye. Now the status LED at the B&O lights up red and indicates that the TIMER is active.

Step 4: Set the DIP switches on the almando Masterplay

DIP switch 2 (operating modes: trigger voltage / audio signal detection)

Depending on which kind of device is connected to the input, set the DIP switch 2 on the long side of the almando Masterplay as follows:

- DIP 2 ON (top) <u>for devices with trigger voltage</u>
  z.B. BeoSound Core, BeoSound 5 Encore, etc.

- DIP 2 ON (top) <u>if no device is connected</u>, and you just want to use the Bluetooth function of the almando Masterplay

- DIP 2 OFF (bottom) <u>for devices without trigger voltage</u>
  e.g. Sonos Connect, TV with headphone jack, etc.
  With this option the input of the almando Masterplay is operated with automatic audio signal detection.

DIP switch 1 (length of the tun-off delay)

DIP switch 1 can be used to set the length of the turn-off delay in audio signal detection mode.

- DIP 1 ON (top)   Turn-off delay ½ minute
- DIP 1 OFF (bottom)   Turn-off delay 2 minutes

In the operating mode trigger voltage (DIP2=ON) DIP switch 1 has no function. The almando Masterplay then switches off the Masterlink speaker immediately as soon as there is no more trigger voltage at the input.

Step 5: Connect the auxiliary device to the DIN input of the Masterplay

Attention: The auxiliary device may not play yet and must be in standby!

The almando Masterplay comes with an adapter DIN <-> 2 x Cinch + Trigger. This makes it easy to connect many several devices with a conventional stereo RCA cable.

Powerlink cables in various lengths are available as optional accessories for connecting B&O devices - and an adapter cable DIN <-> 3.5mm stereo jack is available for televisions with headphone jacks.

Step 6: Connect the almando Masterplay to the mains power supply

Step 7: Pair your smartphone with the Masterplay via Bluetooth

Open the settings in your smartphone, enable Bluetooth, and search for new Bluetooth devices in the area. As soon as a device named "Almando..." is found, click on it and your smartphone is paired with the almando Masterplay. After connecting the almando Masterplay to the mains power supply, you have two minutes to do this - as long as the device is in discovery mode and is visible to your smartphone when scanning for new devices. To restart the discovery mode, simply disconnect the almando Masterplay from the mains power supply and plug it in again.

This pairing is only necessary once. If you want to connect another smartphone later, simply disconnect the almando Masterplay from the mains power supply and proceed as for pairing with the first smartphone

Step 8: Test the playback from your smartphone via Bluetooth

Start the playback via Bluetooth from any app on your smartphone (Spotify, Apple Music, Amazon Music, TuneInRadio, Youtube, etc.) - the almando Masterplay recognizes the Bluetooth audio signal and automatically activates the connected Masterlink speaker.

If a BeoLab 3500 is connected and it has not been activated, it is possible that a wake-up timer has been programmed in the speaker.

Please delete the wake-up timer now as described on page 14.

Step 9: Start the playback on the connected auxiliary device

Stop the playback on the smartphone and start the playback on the connected playback device - if the DIP switches are correctly selected, the almando Masterplay automatically activates the connected Masterlink speaker.

Step 10: Adjusting the basic volume on the Masterlink speaker *

First of all set your Masterlink speaker to Link Option 6:

Remote control Beo4:
- hold down [•] and press [**LIST**] simultaneously, release both buttons
- press [**LIST**] repeatedly until **OPTION?** appears on the display of the Beo4
- now press [**GO**]
- press [**LIST**] repeatedly until **L.OPT** appears on the display of the Beo4
- Press [**6**] (on a BeoLab 3500, **OPTION 6** is shown in the display)

Remote control Beolink 1000:
> press the key sequence [**LINK**] … [**6**] … [**STORE**]

Now you can set the maximum volume for a comfortable control range on your connected auxiliary device or Bluetooth playback. Our recommendation for Beolab 3500 / LCS 9000: **VOL 60**

Now the settings you have made must be saved permanently as follows:

Remote control Beo4:
- press [**LIST**] repeatedly until **A.SETUP** appears on the display of the Beo4
- press [**LIST**] repeatedly until **S.STORE** appears on the display of the Beo4
- now press [**GO**]

Remote control Beolink 1000:
> press the key sequence [**SOUND**] … [**STORE**] … [**STORE**]

* This does not apply to BeoLab 2000. Here the volume is adjusted using the volume wheel on the speaker itself.

Step 11: Set the Masterlink speaker to Link Option 0

For the daily operation of your Bang & Olufsen Masterlink speaker you no longer need the B&O remote control. All you need to do is start playback on the connected playback device or via Bluetooth via your smartphone and the link product is automatically switched on.

The volume control happens on the connected auxiliary device or on the smartphone.

Therefore, set the Masterlink speaker to **Link Option 0**:

Remote control Beo4:
- hold down [•] and press [**LIST**] simultaneously, release both buttons
- press [**LIST**] repeatedly until *OPTION?* appears on the display of the Beo4
- now press [**GO**]
- press [**LIST**] repeatedly until *L.OPT* appears on the display of the Beo4
- Press [**0**] (on a BeoLab 3500, *OPTION 0* is shown in the display)

Remote control Beolink 1000:
 press the key sequence [**LINK**] … [**0**] … [**STORE**]

TROUBLESHOOTING BEOLAB 3500

Deleting programmed wake-up timers in the BeoLab 3500

It is possible that the BeoLab 3500 still has programmed wake-up timers that must be deleted. Set both DIP switches on the long side of the almando Masterplay to ON (top). And use your B&O remote control to press this key sequence:

Remote control Beo4:
    press the key sequence [**MENU**] … [**STOP**] … [**GO**]

Remote control Beolink 1000:
    press the key sequence [**MENU**] … [**STOP**] … [**PLAY**]

If a wake-up timer was programmed in the BeoLab 3500 before, *DELETE* will now be shown in the speaker display.

Check the software status of the BeoLab 3500

Programmed wake-up timers are only available with newer software versions of BeoLab 3500. You can find out the software version with your remote control.

No Masterlink cable must be connected to the BeoLab 3500. After disconnecting the Masterlink cable, also disconnect the BeoLab 3500 from the mains power supply for a few seconds..

Now press the following key sequence with your B&O remote control:

Remote control Beo4:
    press the key sequence [**MENU**] … [**0**] … [**0**] … [**GO**]

Remote control Beolink 1000:
    press the key sequence [**MENU**] … [**0**] … [**0**] … [**PLAY**]

Now the software version is shown in the display of the BeoLab 3500.

Repeat the setup

Please repeat the setup procedure as described starting on page 8.

TECHNICAL DATA

Input	8pin DIN input is 100% B&O compatible and can be operated in two modes: - Trigger voltage (e.g. for B&O audio devices) - Signal detection (for other devices such as Sonos)
Output	optionally available with: - Masterlink jack for a cable with Masterlink plug - Screw terminal for a cable without connector (e.g. after it has been removed from a junction box)
Power Supply	100-240 V, 50/60 Hz
Measurements	171 x 72 x 34 mm (B x T x H)
Weight	0,3 kg
Color	Plastic enclosure available in black and white
Warranty	3 years
Accessories included	- Adapter cable DIN male <-> 3 x RCA female - Power Cable
Accessories sold separately	- Masterlink cable (various lengths) - Adapter cable DIN male <-> 3.5mm stereo male - Adapter cable DIN male <-> RJ45 (Powerlink)

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