

B O S S C O M

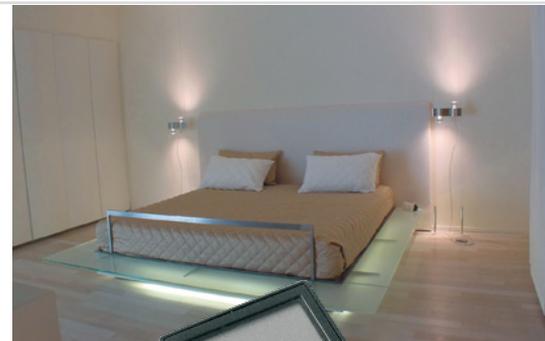
User Informations for the **BossDim light dimmer**



BossDim is simple in installation and is controlled simply by pushing the black button at the front or by using an AV-remote control from Bang & Olufsen®.

BossDim is used in several ways such as a stand-alone unit or in combination with any number of extra Boss-Dim to create preprogrammed lighting scenes.

With BossDim you can create precisely the lighting ambience you require.





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Note: In this instruction folder references throughout are to the remote control unit illustrated here:



Operation

Operation of a single BossDim

BossDim provides you with full control of the lighting – manually using the black button at the front of the unit - or more sophisticatedly using a remote control unit. You can connect several lamps being controlled as one, so far as the total load does not exceed 300 VA. If the lamps are to be controlled individually, you will need a BossDim for each lamp.

Direct manual control

Turning the light on and off:

A short push at the black button at the front of the dimmer unit turns the light on and off.

Adjusting the light level:

Sustained activation of the black button fades the light up and down. Shortly releasing the button reverses the fade direction.

Remote control

Turning the light on and off:

To turn on the light push button  twice or alternatively push  

To turn off the light push  

Adjusting the light level:

Push  followed by  and  respectively to fade to the level desired.

Turning on the light to a preset level:

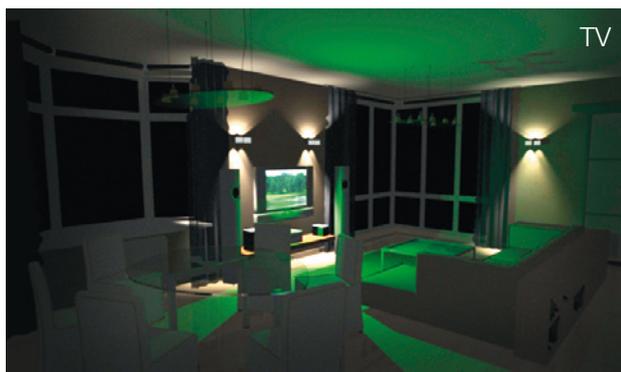
Push  followed by the number assigned to the level required.

- No. 1 @ 10%
- No. 2 @ 20%
- No. 3 @ 30%
- No. 4 @ 40%
- No. 5 @ 50%
- No. 6 @ 60%
- No. 7 @ 70%
- No. 8 @ 80%
- No. 9 @ 90%
- No. 10 @ 100%

See under “Programming of lighting scenes” for instructions on how to select your own preferred level settings.

Operation of multiple BossDim units

When installing several BossDim units you will have the facility to control your lamps individually. In addition you will be able to create a variety of lighting scenes, perfectly adjusted to tasks such as e.g. reading or cleaning or as the ambience for the optimal AV-experience.



Individual control of a single lamp

Direct manual control:

Turning the light on and off:

A short push at the black button at the front of the dimmer unit turns the light on and off.

Adjusting the light level:

Sustained activation of the black button fades the light up and down. Shortly releasing the button reverses the fade direction.

Remote control:

Turn on the light:

Push button **LIGHT** followed by **LIST** until <LAMP> shows in the remote control display window. Then push the number that you have assigned to the lamp to be turned on followed by **GO**

Turning the light off:

Push button **LIGHT** followed by **LIST** until <LAMP> shows in the remote control display window. Then push the number that you have assigned to the lamp to be turned off followed by **STOP**

Adjusting the light level:

Push button **LIGHT** followed by **LIST** until <LAMP> shows in the remote control display window. Then push the number that you have assigned to the lamp to be adjusted followed by **▲** and **▼** respectively to fade to the level desired.

See under "Set-up - To select the lamp number" for instructions on how to assign the identifying number to a lamp.

Set-up

Simultaneous control of several lamps in a single room

Turning the light on and off:

To turn on the light push **LIGHT** twice or alternatively push **LIGHT** **GO**.

To turn off the light push **LIGHT** **STOP**.

Adjusting the light level:

Push **LIGHT** followed by  and  respectively to fade to the level desired.

Controlling the light in a single room as a lighting scene

Select a lighting scene:

Push **LIGHT** followed by the number identifying the lighting scene desired. After some seconds the lamps taking part in this scene turn on at the preset levels.

To turn off the light when a lighting scene is active:

Push **LIGHT** followed by **STOP**.

Adjusting the light level when a lighting scene is active:

Push **LIGHT** followed by  and  respectively to fade to the level desired. This adjustment does not change the preprogrammed lighting scene or the relative levels of the lamps being part of this.

See under “Set-up - To create a lighting scene” for instructions on how to program the individual levels of the lamps in a lighting scene.

To assign the lamp number

Are several BossDim units present in a single room, it is necessary to assign each of these an identifying number to allow you to control them individually.

1. Push the black button at the front of the Boss-Dim and fade the light towards maximum. When the maximum level has been reached the button is kept activated for another 8 seconds. When the 8 seconds have expired a red LED behind the button starts flashing. BossDim is now ready to be assigned a lamp number.

2. Push **LIGHT** followed by **LIST** until <LAMP> is shown in the display window.

3. Now push the number button with the desired lamp number (e.g. 1) followed by **GO**. The red LED behind the button stops flashing and the BossDim has now been assigned the lamp number 1.

If you should desire to change this assignment, you simply assign a new number following the procedure above, and the previous assignment has now been cancelled.

To create a lighting scene

1. Push the black button at the front of the BossDim and fade the light towards maximum. When the maximum level has been reached the button is kept activated for another 8 seconds. When the 8 seconds have expired a red LED behind the button starts flashing. BossDim is now ready for the creation of a lighting scene.

2. Push **LIST** and then adjust this individual lighting level to the desired value using buttons  and .

3. Now push the number button with the desired lighting scene number (e.g. 1) followed by . The red LED behind the button stops flashing and the present lighting level is now programmed into the BossDim as part of lighting scene number 1.

If you should desire to make a change in this lighting scene, you simply adjust the new value following the procedure above, and the previously programmed level in the scene has now been modified.

Cancelling a unit in a lighting scene

Are several BossDim units present in a single room and you do not wish all of these to be part of a lighting scene, you can choose to cancel this lighting scene in any number of the BossDim units.

The BossDim units that are cancelled in the lighting scene will then remain at the level present before the lighting scene is called up.

Sådan gør du:

1. Push the black button at the front of the BossDim and fade the light towards maximum. When the maximum level has been reached the button is kept activated for another 8 seconds. When the 8 seconds have expired a red LED behind the button starts flashing. BossDim is now ready for cancelling this unit in a lighting scene.

2. Push **LIGHT**

3. Push the number of the programmed lighting scene in question (e.g. 8) followed by . The red LED behind the button stops flashing the BossDim is now no longer part of lighting scene number 8.

Installation

Technical informations

BossDim is designed and manufactured in conformity with the relevant international norms, standards and directives and is as such entitled to carry the official CE-marking.

BossDim is to be connected to the 230 V 50 Hz mains and to supply a lamp load in the range of 40 to 300 W.

BossDim is to be used together with double insulated (earth free) lamp fixtures (class 2) only, and shall be supplied through an insulated and sheathed 2-wire mains cable.

External diameter of the mains cable shall not exceed 8 mm.

BossDim is not to be used in moist rooms.

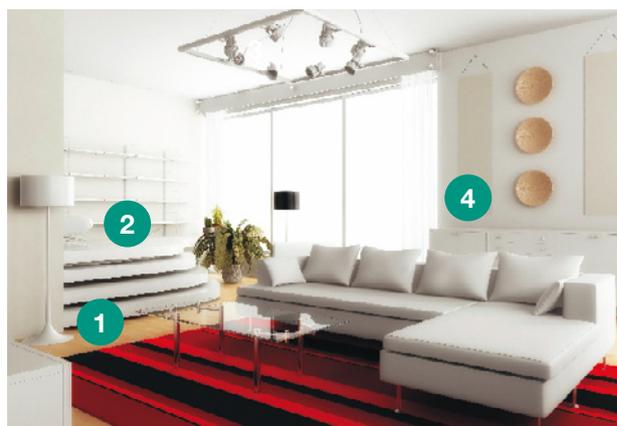
Which types of lamps can be used:

- 230 V incandescent lamps
- 230 V halogen lamps
- Low-voltage halogen lamps supplied through an electronic transformer (always consult with your supplier if this is well suited for light dimming).
Important: When using an electronic transformer, ensure that this is of an approved double insulated type.
- Low-voltage halogen lamps supplied through a wire-wound transformer (always consult with your supplier if this is well suited for light dimming).
Important: When using a wire-wound transformer, ensure that this is of an approved double insulated type with an integral fuse in the primary circuit.
- High efficiency energy saving lamps should only be used if the manufacturer specifies these for use together with light dimmers.

Installation options

BossDim is designed for insertion directly into the wire connecting the lamp to its mains supply.

1. Lying at the floor – e.g. used with floor lamp.
2. Resting at the table – e.g. used with table lamp/ bed side lamp.
3. Fastened to the ceiling – e.g. used with pendant lamp.
4. Fastened upon the wall – e.g. used with wall lamp.



Fastening upon wall/ceiling:

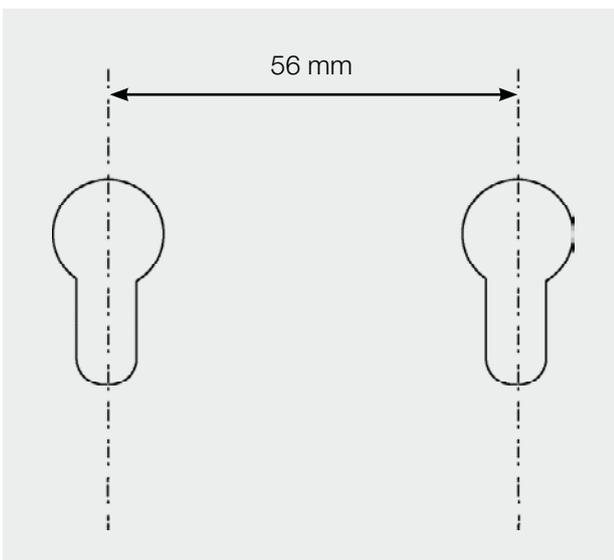


These two “keyholes” are used when fastening BossDim at the ceiling or upon the wall.

To open the BossDim:



To gain access to the screw terminals and the fuse, remove the two screws at the bottom. Now the top of the BossDim can be lifted off and the screw terminals and the fuse are easily accessible.



When fastening the BossDim upon a hard surface, two holes at a distance of 56 mm shall be drilled. Be sure to select a screw size that fits the “keyholes”.

Connecting the wires



The mains cable from the supply (mains plug) is connected to the screw terminal close to the fuse holder. The cable supplying the lamp load is connected to the screw terminals at the opposite side.



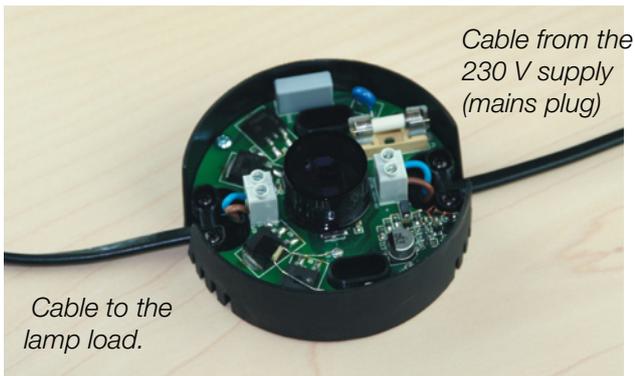
After the wires have been correctly connected and secured, the cover is once again put in place.



When the wires have been connected, they are to be secured using the two black retention brackets.



When correctly in position the cover is secured with the two screws at the bottom.



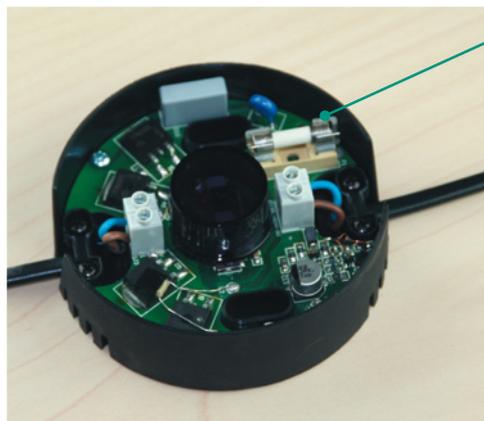
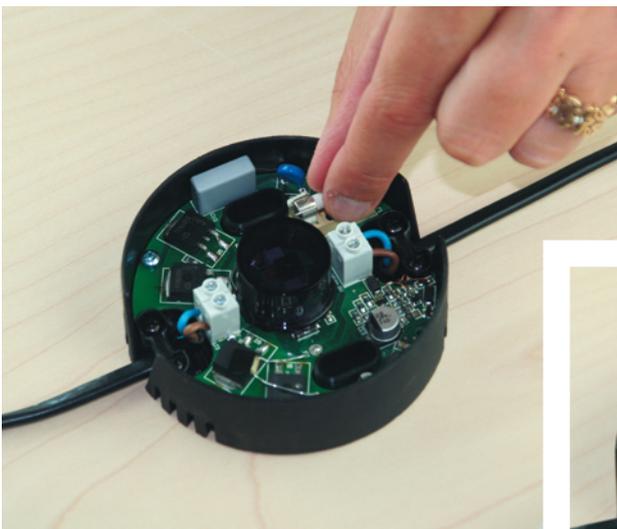
Check out the installation/ functioning

When the lamp load has been correctly connected to the BossDim, the connection to the 230 V mains is made.

The lamp now shall light up and you shall be able to control the light up and down by pushing the black button at the front of the unit.



Check out the fuse in BossDim



If this should not be the case, please check the following points:

- Is the 230 V mains turned on and present ?
- Does your lamp have an on/off switch and if so, is it turned on ?
- Is the lamp OK ? (Check on direct supply feeding the BossDim.
- Do you use a high efficiency energy saving lamp not suited for dimming ?
- Check out integrity of the fuse internally in the BossDim.

BossDim has an integral overtemperature protection to ensure that it is not damaged by overheating. If BossDim frequently switches off, the reason can be a too high ambient temperature or that the lamp load at the output exceeds the specified 300 W.

BossDim has an integral short-circuit protection preventing it from being harmed by a short circuit. If the short-circuit protection is activated, the red LED behind the button will light up constantly. Disconnect the BossDim from the 230 V mains and determine the cause of the short-circuit. When the cause has been identified and removed the BossDim is once more connected to the mains.



Declaration of compliance

BOSSCOM declares as sole responsible this product to be in conformity with the relevant norms, standards and directives.



The crossed-over dustbin designates that within the EU this product has to be deposited at a certain location, when not in use any more. The product must not be discarded as ordinary domestic refuse.

BOSSCOM is continually developing and enhancing its products. BOSSCOM reserves the right to modify and improve the products described in this document without prior information.

BOSSCOM is under no circumstances liable for loss of profit or for any other indirect losses or derived damage of any kind, disregarding if the demand might be based upon general rules of compensation or on any other laws.

With reservation for errors and omission