IR Receiver for B&O

smart-house

BFW-IRXB&O8

- **IR Receiver for B&O light remote control**
- **8 channel smart-house transmitter**
- **Supplied by smart-house, no external supply required**
- **Channel coding by BGP-COD-BAT**
- **Indoor applications**

GENERAL SPECIFICATIONS

Channel coding	By BGP-COD-BAT and special cable: GAP-TPH-CAB
No. of channels	8
Enclosure	LKNES FUGA Mechanics
Environment	
Degree of protection	IP 20
Pollution degree	3 (IEC 60664)
Operating temperature	0 - 50 °C (32 - 122°F)
Storage temperature	-20 - 70°C (-4 - 158°F)

Humidity (non condensing)	20 - 80%
Weight	50 g
Dimensions	50 x 50 x 30 mm (including frame)
Max. wire in terminals	Max. 4 x 0.75 mm^2

SUPPLY SPECIFICATIONS

Power supply	Supplied by smart-house
Consumption	
Not activated	4.0 mA
Activated	Typ. 4.9 mA

TYPE SELECTION

Supply	**Ordering no.**
smart-house supplied	BFW-IRXB&O8
Frame not included	

MODE OF OPERATION

Remote controls capable of operating the Bxx-IRXB&O8
The BEO4 and all BEOLINK 1000 types equipped with a "light" button can operate the module.

Controlling Bxx-IRXB&O8
If the room is equipped with only one IR module, activate (for example on BEO4) the buttons "Light, 1, GO" to change the status of the first output. The buttons 1-8 correspond to the outputs 1-8.
To activate the output, use the following buttons: GO, ▼, ▲, ▶▶ and ◀◀.

For ON/OFF control it is recommended to use the GO-button and for light dimming one of the four buttons: ▼, ▲, ▶▶ and ◀◀. When the remote control is in LIGHT mode, it is possible to change an output without use of the LIGHT button.
If the room is equipped with several modules, a DIP-switch determines the modules address. See the following chapter.

DIP-switch setting
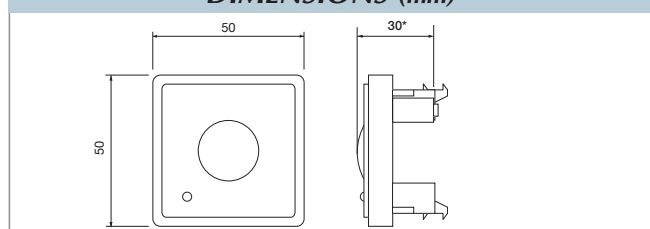If only one module is used all three switches must be OFF (i.e. positioned towards the digits on the PCB).

It is possible to operate 4 different modules and DIP-switches 1 and 2 determine the module address. See the table below.
DIP-switch 3 determines whether 1 (OFF) or several modules (ON) are in use.

Switch 1	Switch 2	Switch 3	Module address	Buttons	Example of sequence
Don't care	Don't care	OFF	Single module	1 - 8	LIGHT, 1, GO
ON	ON	ON	Module # 0	01 - 08	LIGHT, 0, 1, GO
OFF	ON	ON	Module # 1	11 - 18	LIGHT, 1, 1, GO
ON	OFF	ON	Module # 2	21 - 28	LIGHT, 2, 1, GO
OFF	OFF	ON	Module # 3	31 - 38	LIGHT, 3, 1, GO

DIMENSIONS (mm)

WIRING DIAGRAM

Programming Adaptor plug to BGP-COD-BAT

smart-house

Dip-switch

Dot

Programming Cable GAP-TPH-CAB

ACCESSORIES

Programming cable to BGP-COD-BAT		GAP-TPH-CAB
Frame Baseline	White	40417
	Grey	40414
	Charcoal Grey	40430-1