

IR Receiver

Type G 8285 5533



- IR receiver for B&O light remote control
- 8-channel Dupline® transmitter
- Supplied by Dupline®, no external supply required
- Channel coding by GAP 1605
- Indoor applications

Product Description

The IR receiver is designed and coded for B&O remote controllers with light control function. By means of the programming unit GAP1605, each of the 8 channels in the IR receiver can be coded to a freely selected address. The IR receiver activates the set Dupline® channel as long as the corresponding button on the B&O remote controller is activated.

Ordering Key

G 8285 5533

Type: Dupline®
OPUS- Housing
Function
8 Channels
8 Inputs
Input type

Type Selection

Supply	Ordering no.
By Dupline®	G 8285 5533

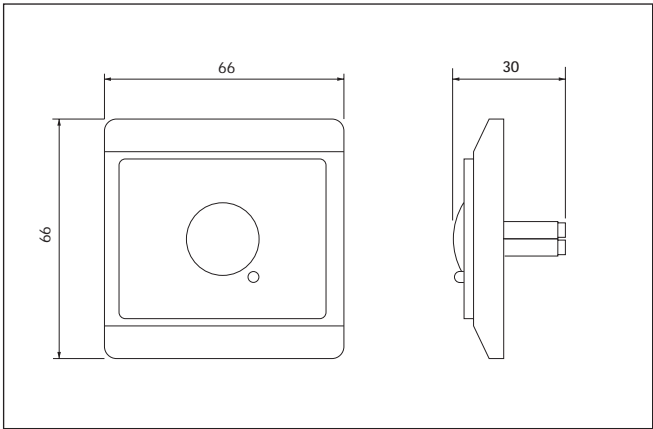
Supply Specifications

Power supply	Supplied by Dupline®
Consumption	
Not activated	3.5 mA
Activated	Typ. 4.9 mA

General Specifications

Channel coding	By GAP 1605 and special cable: GAP-TPH-CAB
No. of channels	8
Enclosure	LKNES OPUS 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	66 x 66 x 30 mm (including frame)
Max. wire in terminals	Max. 4 x 0.75 mm²

Dimensions



Mode of Operation

Remote controls capable of operating the G8285 5533
The BEO4 and all BEOLINK 1000 types equipped with a "light" button can operate the module.

Controlling G8285 5533
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

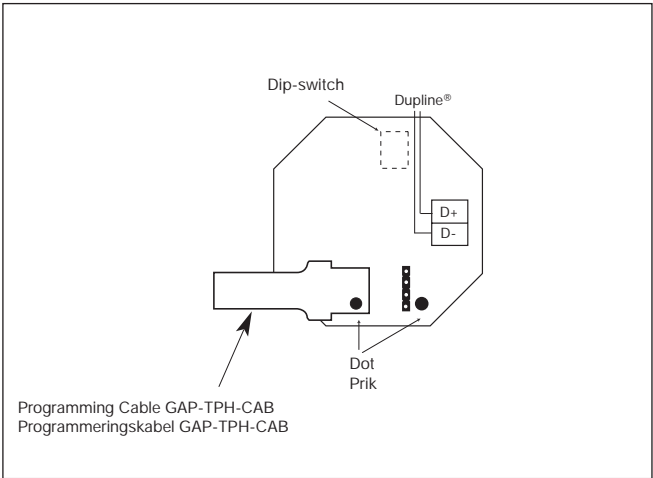
use of the LIGHT button. If the room is equipped with several modules, a DIP-switch determines the modules address. See the following chapter.

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

Wiring Diagram



Accessories

Programming cable to GAP 1605

GAP-TPH-CAB