Remote Control

BDF-WLS8

CARLO GAVAZZI

smart-house transmitter for building automation applications

8 individually programmable push-buttons

2 x AAA battery used as supply

Channel programming using BGP-COD-BAT

Range up to 40 m in open air

INPUT SPECIFICATIONS

Wireless push-button	
Transmission frequency	868 MHz

SUPPLY SPECIFICATIONS

Power supply	Battery: 2 x AAA (LR03)

GENERAL SPECIFICATIONS

Channel coding	Via BGP-COD-BAT and special cable: GAP-TPH-CAB. Following the installation, the programming can be changed by removing the lid on the bottom of the remote control and using the supplied adapter for the GAP-TPH-CAB cable.
Battery change	If LED is not responding by pressing the pushbuttons, the battery voltage could be low. Replace the battery and reassemble the plastic parts.
Out 1-8	Push-button 1-8

Housing	Compact
Current consumption	
Activated	< 1 mA
Non activated	< 10 µA
Environment	
Protection degree	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	30 g – battery excluded

MODE OF OPERATION

The BDF-WLS8 remote control is designed for base unit BH4-WBUx-230 and will only function with this unit.

The remote control is programmed using a BGP-COD-BAT (see data sheet for this unit).

The communication between BDF-WLS8 and the BH4-WBUx-230 base is established in the following way:
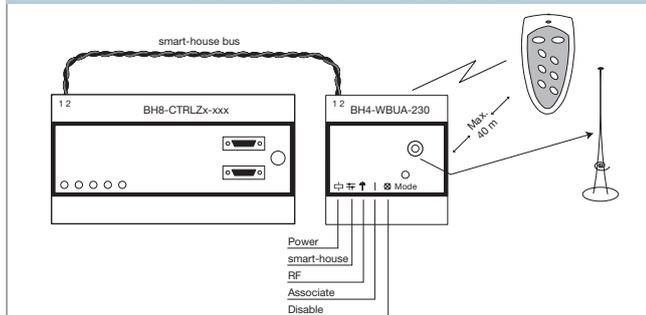
- Push the "Mode" button on the BH4-WBUx-230 base until the red LED indicates association.

- Push the push-button on the BDF-WLS8 remote control module that you want to associate with the BH4-WBUx-230 base.

Once the association is complete, the LED will light up briefly (approx. 1 second).

If the association fails, e.g. because the range is exceeded, the LED in the remote control module will light up simultaneously for approx. 500 ms. This also occurs if, under normal circumstances, it is not possible to establish connection between the BH4-WBUx-230 base and the BDF-WLS8 remote control modules.

It is possible to disable the communication between the BH4-WBUx-230 base and all the modules with which it is associated.
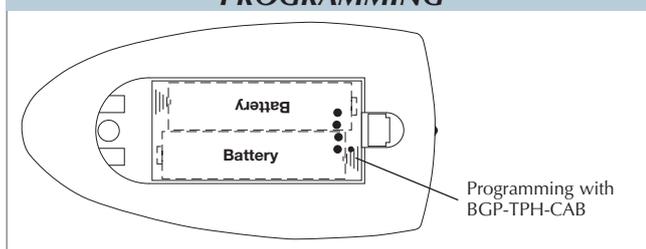
- Push the "Mode" button on the BH4-WBUx-230 base until the red "Disable" LED is lit.

This means that there is no connection between the BH4-WBUx-230 base and its associations.

To reestablish the connection, push "Mode" until neither "Associate" or "Deactivate" are lit.

Under normal circumstances, the "Supply" and "smart-house" LEDs will be lit continuously, whereas the LED for "Communication" only blinks briefly when you push an associated BDF-WLS8 remote control.

The LED always lights up when you push a button.

The LED indication provides confirmation that the communication is successful.

COMMUNICATION EXAMPLE

PROGRAMMING

Programming with BGP-TPH-CAB

TYPE SELECTION

Supply	Ordering no
Battery (Not included)	BDF-WLS8

DIMENSIONS / PUSH BOTTON

I/O1 = SW1
I/O2 = SW2
I/O3 = SW3
I/O4 = SW4
I/O5 = SW5
I/O6 = SW6
I/O7 = SW7
I/O8 = SW8

The LED follows the activation of any of the 8 I/O.
The LED is not programable.