

## BEST-9616 PROACTIVE RECEIVER

### Technical Description:

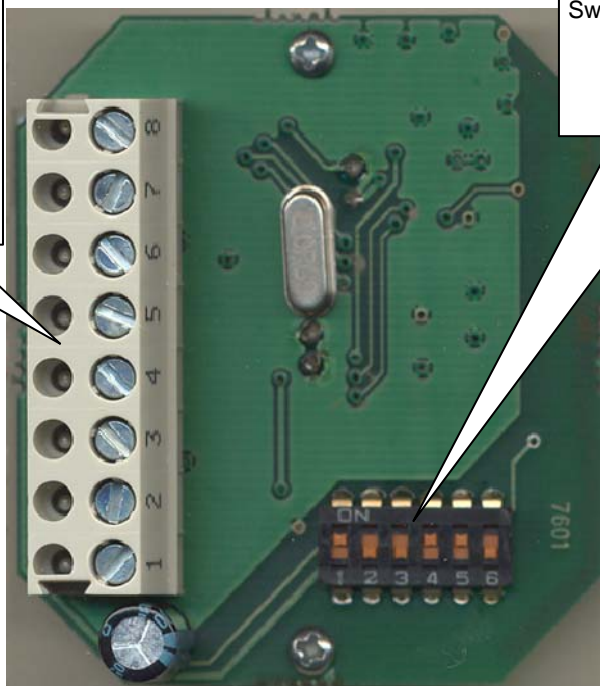
The BEST-9616 receiver is equipped with a quick-connect terminal in order to connect to a room unit and external LED. The unit has a switch for selecting its Group.



### Overview:

#### Connector X1:

X1.1 : + 12V  
X1.2 : LED ( - OUT)  
X1.3 : -  
X1.4 : CH2 (+ OUT)  
X1.5 : CH1 (+ OUT)  
X1.6 : KV (- IN)  
X1.7 : NOT USED  
X1.8 : NOT USED



#### Switch Sw1:

Switch to set the unit's Group

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### Settings:

#### Sw1 Switch:

Sets the unit's Group (binary). The values/functions of the different switches can be seen in the tables below.

Installation type:	Sw1.6
<b>Stand-alone</b> (Connected to BEST-9620 for example)	0

#### Stand-alone installation:

Grouping should be by floor or by area for the best positioning.

#### Group:

Switch:	Sw1.1	Sw1.2	Sw1.3
Value:	1	2	4

#### Monitoring position:

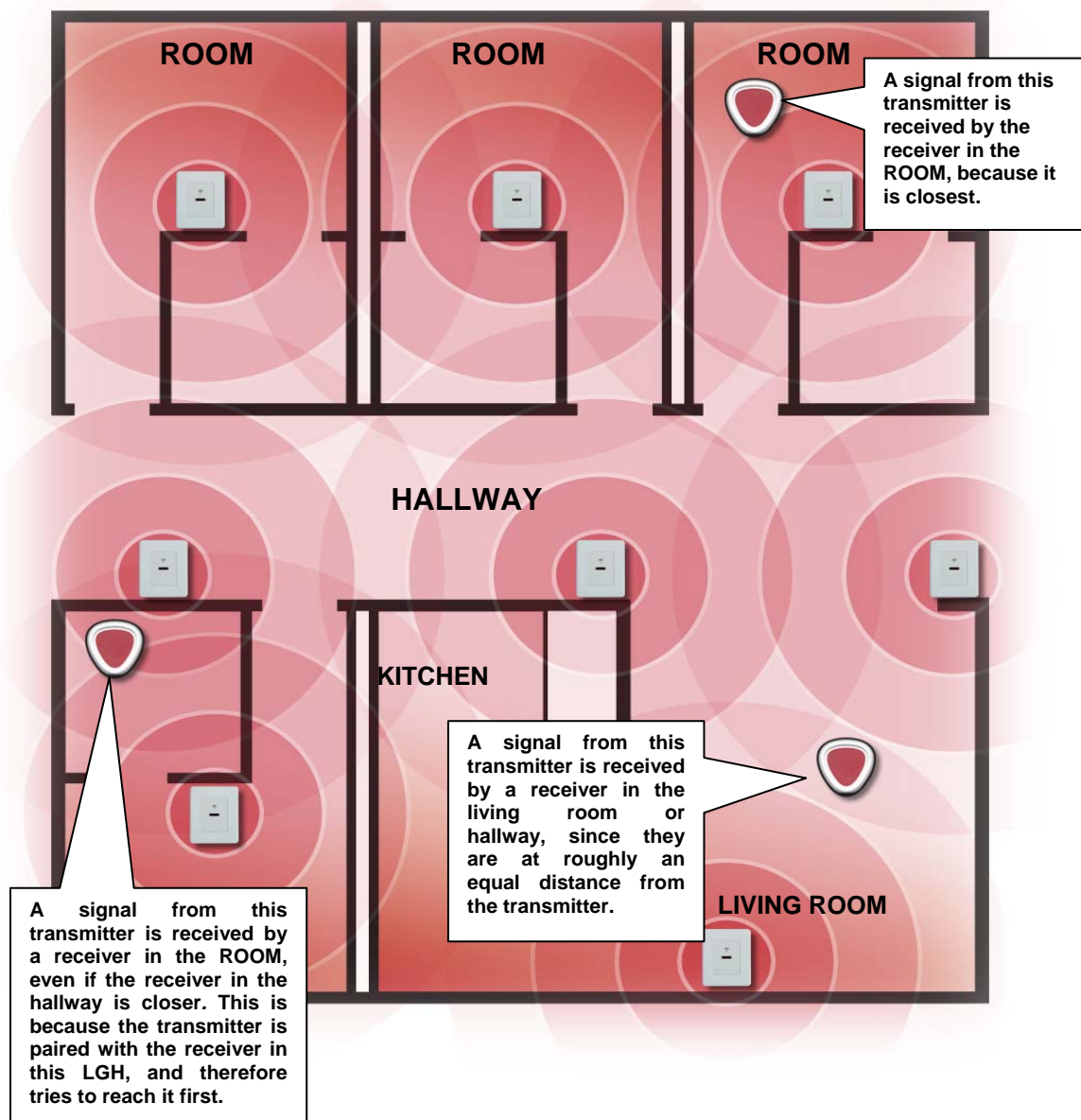
Sw1.4	Sw1.5	Function
0	0	Paired transmitter
1	0	Paired transmitter & signal from its group
0	1	Paired transmitter & signal from all groups

*Note: The unit monitors the attack transmitter regardless of the settings above.*

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### Location:

In general the receiver should be located as close as possible to the center of the space it is intended to cover. Walls and other factors that can affect reception should be taken into account. The receiver is equipped with an advanced algorithm in order to "see" which receiver is closest to the transmitter. Bear in mind that radio waves penetrate walls. Incorrect placement can cause the receiver in another room to be the one that is actually closest. A transmitter can be "paired" to its own room to further reduce the potential for activating the wrong receiver. This means that the transmitter tries to reach its own receiver first before trying to reach other receivers. This provides added security. Because this is a radio-based system, exact positioning cannot be guaranteed. Instead it must be tested on-site; however, the more receivers that are installed, the better the positioning that can be expected. The illustration below shows a likely reception area. The various rings are there to be able to easily see which receiver is closest for different transmitter locations in the room.



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### **Adjustment:**

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It's possible to visually see which type of alarm activates the receiver in order to be able to set the optimal function for a particular space. This is very important for adjustment/troubleshooting. When a receiver has been activated it flashes according to the table below.

<b>Receiver activated by:</b>	<b>LED:</b>
Transmitter paired with this receiver	Flashes slowly
Transmitter paired with a different receiver	Steady Light
Attack alarm	Flashes quickly

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### Certifications:

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#### FCC ID: WUP-BEST9616

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



### FCC Warning:

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Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

### The environment:

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#### RoHS:

This unit is manufactured in accordance with applicable regulations for lead-free manufacturing.  
Direktive 2002/95/EC



#### WEEE (Waste Electrical and Electronic Equipment):

The unit may not be discarded into the household trash. Check which local regulations apply when discarding electronic products.



### Data:

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<b>Nominal Voltage:</b>	12 VDC +- 15%
<b>Nominal Current:</b>	25 mA
<b>Power (max.)</b>	300 mW
<b>Size:</b>	90 x 90 x 8 mm
<b>Recessed mounting:</b>	Control box 65 mm (cc 60 mm)
<b>External mounting:</b>	BEST-1061 external frame
<b>Mounting height:</b>	Ca. 2000 mm above the floor