







Button	Short press	Long press
	Receive radio signals - <i>normal</i>	Receive radio signals - <i>linear</i>
	Next LED pattern	Previous LED pattern
	<i>Single press:</i> Switch on or off	

	Receive radio signals	Starts with
1.	Normal	
2.	Linear	

	Name LED pattern	Starts with
1.	Knight Rider	
2.	Bouncing ball	
3.	Alarm	
4.	Bubbles	
5.	Bit disco	
6.	Pulse	
7.	Highway	

## Manual 'Wave Lights' badge

### Receive radio signals

By pushing the left button, the badge will receive radio signals. The stronger the radio signal, the more LEDs will light up. In '*normal*' mode, receiving signals is easy, in '*linear*' mode it is more challenging (see website for details). When the badge receives no signal, one LED will glow weakly, to indicate the badge is still switched on (middle LED in *normal mode*, one LED to the left in *linear mode*).

### LED patterns

By pushing the centre button, seven different LED patterns will appear. A short press will activate the next pattern; a long press will activate the previous pattern. Before the new LED pattern appears, the five LEDs will display a code that indicates which pattern will be shown (see table 'Starts with').

### Switching on and off

The button on the right can be used to switch the badge on and off. After *switching on*, the badge will start with the last used function. After *switching off*, all LEDs will dim, and the current consumption of the badge will be extremely low. Remove the batteries if you are planning to not use the badge for more than several weeks, otherwise you can just keep the batteries in the badge.

### Information on the internet

More information about this badge can be found in the internet, see: [http://ivok.home.xs4all.nl/electronics/WaveLights\\_en.html](http://ivok.home.xs4all.nl/electronics/WaveLights_en.html)

