

PULSE TALK
COMBINES SECURITY AND WELL-BEING

PULSE TALK
YOU'LL NEVER
WORK ALONE





PLEASANT LIGHTING.
BETTER WORKING ATMOSPHERE.
ENHANCED ABILITY TO PERFORM.
THANKS TO PULSE TALK.

Do you recognize this scenario? Twilight, bad weather, the winter months – situations that can cause “islands of light” in modern office structures with luminaires that are regulated by presence and daylight: you sit alone in the office and, except for your own desk, the rest of the room is dark.

Scientific studies show that the darkness surrounding your own workplace is perceived as unpleasant by most people and can even cause feelings of isolation, unease and fear. This negatively affects the concentration and ultimately the efficiency of your work.

With the world innovation PULSE TALK from Waldmann, this phenomenon becomes a thing of the past: Waldmann’s state-of-the-art wireless module enables luminaires in a group to communicate with each other. The result is a lighting scenario that perfectly adapts to the respective situation and the people present. With cleverly thought out technology and simple handling, PULSE TALK ensures a feeling of security, a pleasant ambience and enhanced ability to perform.







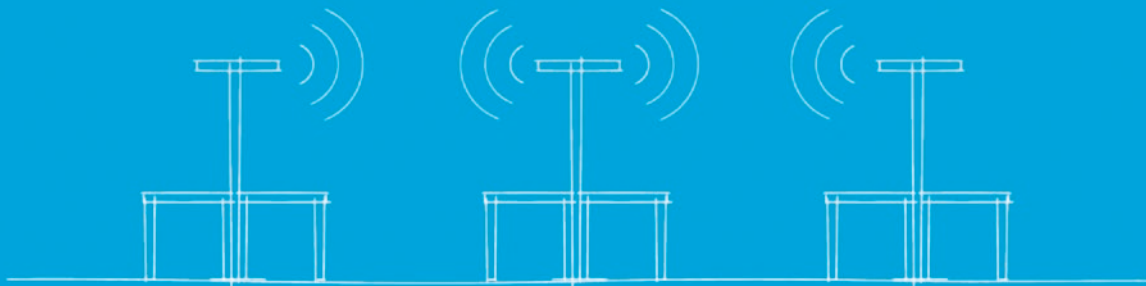
WHAT CAN **PULSE TALK** DO?

PULSE TALK provides a pleasant, inspiring lighting scenario. The state-of-the-art wireless module enables luminaires in a group to communicate with each other. By exchanging presence detection information, the group of luminaires reacts to people coming and going and adjusts the lighting accordingly.

PULSE TALK avoids darkness and light islands, generates a feeling of security and a pleasant working atmosphere, thus an enhancing ability to perform.



**Example of an office situation with several work stations.
Luminaires equipped with PULSE TALK communicate with each other.**



WHAT IS PULSE TALK?

PULSE TALK is a state-of-the-art wireless module for intelligent lighting management in the office. PULSE TALK consists of only one compact component – simple to install, program, and operate. With only a few simple steps, PULSE TALK can be put into operation. Because it is wireless, the communication

between luminaires does not require any technical building installation. Dimmable and sensor controlled Waldmann free-standing and desk-mounted luminaires can be delivered with PULSE TALK, but can also be retrofitted with it at any time.

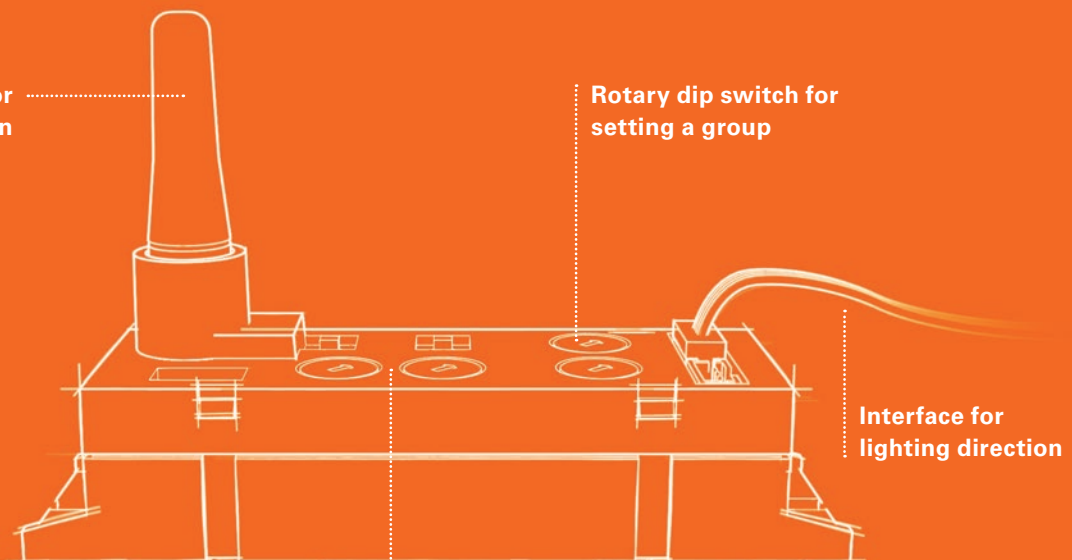


**Antenna for
wireless connection**

**Rotary dip switch for
setting a group**

**Interface for
lighting direction**

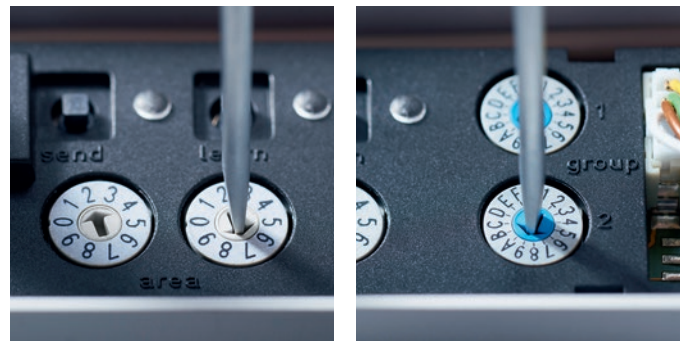
**Rotary dip switch for
setting an area**



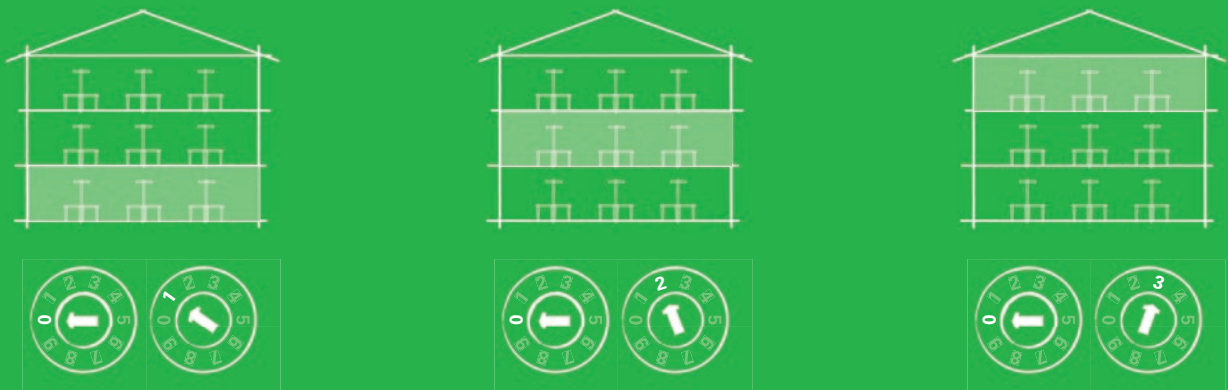
HOW IS PULSE TALK SET UP?

PULSE TALK requires only one uncomplicated basic setting – then the automatic teach-in process of the luminaires begins. Each module can be assigned to one of 100 areas in a building, e.g. a story. Within this area, each luminaire can be assigned to a group or, if required, two groups, e.g. for overlapping

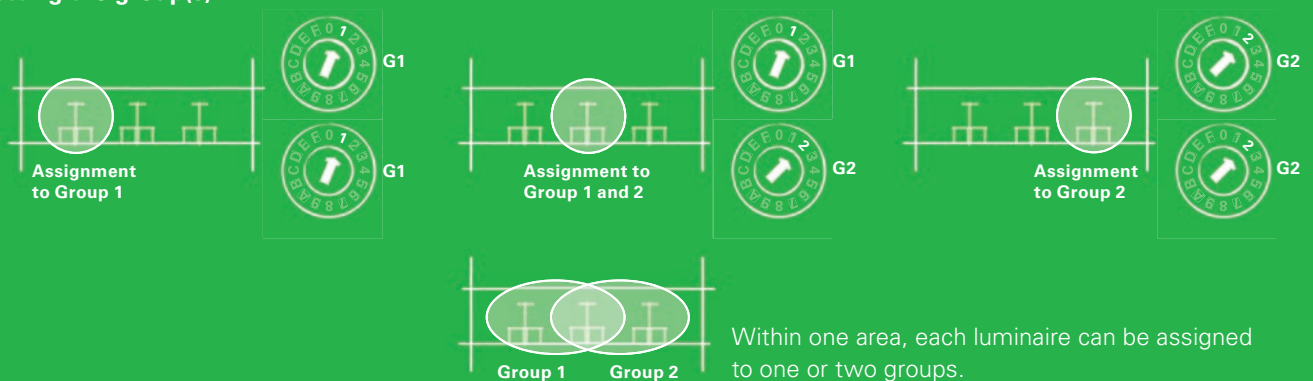
work zones. All PULSE TALK settings can be changed or expanded at any time, e.g. for organizational changes in the office world.



Setting the area(s)



Setting the group(s)



HOW DOES PULSE TALK WORK?

PULSE TALK at a glance:

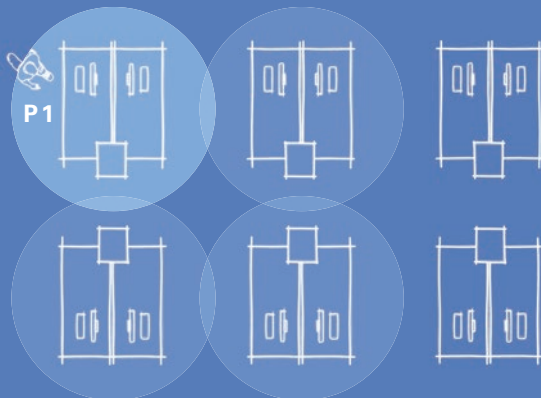
- No "islands of light"
- A feeling of security, a pleasant ambience and an enhanced ability to perform
- Simple to install and operate
- It does not require any technical building devices
- EnOcean wireless technology
- Waldmann free-standing and desk-mounted luminaires can be delivered or retrofitted with PULSE TALK

Luminaires equipped with PULSE TALK and assigned to an area and a group are capable of passing on information to each other and communicating with each other: One luminaire registers the presence of a person and transmits the information to the luminaire group that switches on to support it. Because the

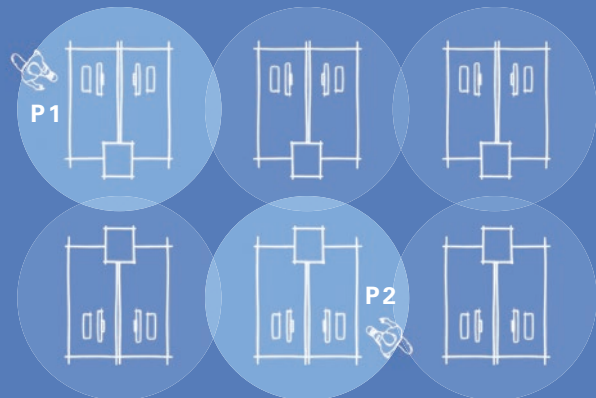
luminaires that are additionally switched on are only dimmed to basic brightness, a comfortable atmosphere is created while saving energy. Thus, even when people come and go, the lighting scenario is individually adjusted to the respective situation.



Example of an office situation with 12 work stations.

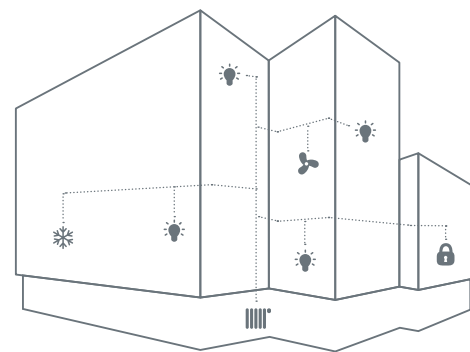


Group 1. The luminaire detects Person 1 and switches itself on. The work station of Person 1 is illuminated with its work level. The neighboring luminaires also switch on with basic brightness in support.



Group 2. The luminaire detects Person 2 and switches itself on. The work station of Person 2 is illuminated with its work level. The neighboring luminaires also switch on with basic brightness in support.





FLEXIBILITY THROUGH INTELLIGENCE: INTEGRATION OF PULSE TALK IN THE BUILDING MANAGEMENT.

How “intelligent” can a building be today? For maximum energy efficiency, a needs-oriented control of the electrical devices is carried out via building automation. Many facilities require a spatially defined and automatic detection of presence. If Waldmann luminaires equipped with PULSE TALK are additionally networked via EnOcean-Gateways with bus systems such as KNX, LON, or BACNET, there are further opportunities and energy-saving potential: Thus, the presence information of the luminaires is not only able to be used for lighting scenarios, but also for controlling heating, air conditioning, ventilation, sun protection, etc.

Thanks to the compatibility of PULSE TALK with the EnOcean wireless technology, EnOcean wall transmitters can be used to switch and dim one or more lights, which makes things significantly easier for cleaning staff. In addition, external receivers can be connected, e.g. to switch on the corridor lights. If the wireless range is insufficient, the PULSE TALK wireless module can also be used as a repeater.

Optimally fitted to all common system components, Waldmann luminaires with PULSE TALK offer the highest degree of mobility despite integration into the building management system thanks to flexible positioning and simple, cost-effective installation – and create a modern, intelligent office structure.

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