

PRESS RELEASE

For immediate publication!

Pioneering: the new Langmatz soundguide plus

A button and acoustic unit perfectly combined in a signal requesting device

Garmisch-Partenkirchen, 11 October 2021 – The Langmatz soundguide plus is a pioneering signal requesting device that sets new benchmarks with its cost efficiency, protection against vandalism, and versatile uses.

soundguide plus: combined button and acoustic unit

The pioneering technology in the latest development from Langmatz fulfils all the standard requirements of a standard-compliant signal requesting device. It consists of the “basic plus” button combined with the “soundguide” as acoustic unit – hence the product name “soundguide plus”. The new software to operate the acoustic signalling device is especially innovative: all the settings can be transmitted intuitively, securely and wirelessly via an encoded, access-secure Bluetooth dongle (KRITIS).

basic plus: standard-compliant and investment-optimised

The basic plus button is ideal for use on traffic signals with pedestrian requesting system and tactile signalling for the visually impaired. It does not have its own grid connection and can therefore only be used in conjunction with the soundguide, which supplies the power. The button is actuated by the soundguide, the acoustic unit. When selecting the button, customers can choose between a standard and a premium version. A loudspeaker is integrated in the premium version to play back the orientation sound. However, requests are also acknowledged acoustically. The tactile crossing signal for the visually impaired prevents misinterpretation and helps people with limited sense of touch through the pulsed vibrating button.

Properties and technical data:

- Complies with DIN 32981:2018-06, EN 50293
- All parameters are set wirelessly
- Signal can be requested either by push-button or sensor
- Optional: visual feedback at the top and side with text, e.g. "Wait for signal"
- Optional: internal loudspeaker for additional emission of the orientation sound from the button

soundguide: optimum orientation sound for the visually impaired

With the soundguide, orientation and pedestrian crossing signals are generated automatically on the basis of the level of traffic noise. The software enables the signals to be defined in accordance with the respective standard in a country or in line with the user's requirements. The signals are emitted cost-effectively from only one housing in the specified direction. The pedestrian crossing signal is thus emitted into the crossing, and the guide signal is emitted downwards around the pole location. The volume adapts to the actual traffic noise level and so ideally protects residents from noise.

Properties and technical data:

- Universal voltage (20-253 V)
- Compact design
- Protection against vandalism without additional parts
- Approved by all major signal engineering firms
- Easy installation on poles or in a signal chamber.
- Traffic-noise-dependent orientation and/or pedestrian crossing signal in accordance with RiLSA and DIN 32981

Langmatz signal requesting devices: standard-compliant and cost-effective

For 30 years, Langmatz has been developing innovative signal requesting devices for traffic light installations to improve road safety that ensure safe road crossing and improve pedestrian safety, especially for the elderly, visually impaired and blind people. User-friendly, standard-compliant and blend into the cityscape: Langmatz signal requesting devices are a safe investment in the future.

Further information can be found at: <https://langmatz.de/en/>



Caption

soundguide plus: standard-compliant signal requesting device with pioneering technology. (Photo: Langmatz)

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