

Configurator for signal requesting devices

| | |
|----|--------------------------------------|
| 03 | SIGNAL REQUESTING DEVICES GENERAL |
| 05 | CROSSGUIDE CONFIGURATOR |
| 07 | CROSSGUIDE ACCESSORIES |
| 09 | BASICGUIDE CONFIGURATOR |
| 11 | EASYGUIDE CONFIGURATOR |





Langmatz signal requesting devices – for crossing the road safely.

Buttons from Langmatz: wait for the signal!

For more than 30 years, Langmatz has been making a contribution to improved road safety with its innovative products. In this field, we supply modern signal requesting devices for traffic light installations in a variety of designs, in addition to acoustic signalling devices and SOS/emergency call buttons for road tunnels. Pedestrian signal requesting devices from Langmatz can be used by pedestrians to request a green signal at traffic light installations, while the signalling status can be communicated to visually impaired people through both acoustic and haptic signals.

All over the world, people put their trust in signal requesting devices from Langmatz. We gave these devices the name “guide” – after all, they lead, guide and direct pedestrians. The signal request is entirely reliable regardless of the weather conditions, and the devices can even be operated while wearing gloves.

We offer three different device variants, all equipped with extensive basic functions.

We ensure safety!

Advantages

- Universal voltage
- Easy to install on all pole diameters
- Multifunctional configuration options
- Secured against vandalism without accessories
- Approved by all major signal engineering firms



Our entry-level variant: *easyguide*

The EK 424 easyguide is a simple device for pedestrians and cyclists. A tried-and-tested signal requesting device with basic central functions for an ideal price/performance ratio.



Our basic variant: *basicguide*

The EK 524 basicguide is a signal requesting device for pedestrians and visually impaired people which features pre-defined standard settings. An integrated loudspeaker is optional. The basicguide can be used in combination with the EK 98 Acoustic doublec. Adjusted to the traffic noise, this enables independent output of the orientation sound and/or pedestrian crossing signal – even without a signal requesting device.



Our high-end variant: *crossguide*

The high-end EK 533 crossguide device is already known in Germany as the "talking traffic light". The device for pedestrians and visually impaired people is able to control the volume of the acoustic signals to match the time of day and traffic noise. What's so special about it: voice announcements and signals can be individually entered and played back. The acoustic technology is pre-installed. We supply an acoustic signalling device as an added extra.



Our tunnel variant: *safetyguide*

The EK 534 SOS/emergency call button ensures the safety of road users in tunnels. Acoustic feedback of up to 85 dB is possible (in accordance with RABT guidelines). Custom-defined texts for visual feedback can be entered.





Configurator *crossguide*

Order no.: **12 533** 1 2 3 4 / A B C

X = Mark with a cross where applicable

| | | |
|---|------------------|-------------------------|
| X | 1 request | |
| | 1 | Push-button + VPB + LED |
| | 2 | Sensor + VPB + LED |
| | 3 | Push-button + VPB |
| | 4 | Sensor + VPB |
| | 5 | VPB |
| | 6 | Push-button + LED |
| | 7 | Sensor + LED |
| | 8 | Push-button |
| | 9 | Sensor |

| | | |
|---|----------------------------|---|
| X | 3 Operating voltage | |
| | 7 | Permanent universal voltage + 1,000 V cable |
| | 8 | Universal voltage R/G (flashing green) ¹ |
| | 9 | Permanent universal voltage ² |

¹ Supply via device connection at the pedestrian red and green signal

² Supply via permanent operating voltage connection

Note: For voltage limits, see technical data.

| | | |
|---|------------------|----------------------------|
| X | 2 Variant | |
| | 2 | EK 533 |
| | 8 | No acoustics |
| | 9 | Special designs on request |

Adjustment of the acoustics per software.

| | | |
|---|----------------------------|--|
| X | 4 Special equipment | |
| | 2 | Clock + relief symbol |
| | 3 | Clock + relief symbol + PED flashing green |
| | 4 | Relief symbols (standard) |
| | 5 | Relief symbols + pedestrian flashing green |
| | 6 | Blue, relief symbols |
| | 7 | Blue, relief symbols + PED flashing green |
| | 8 | 4 m cable |
| | 9 | 4 m cable + real-time clock |

Other colours available on request.

| X | A Feedback labels | |
|---|-------------------|-------------------------------|
| | 0 | Wait for signal |
| | 1 | Please wait |
| | 2 | System in operation |
| | 3 | Three points luminous |
| | 4 | Without |
| | 5 | Please push |
| | 6 | Wait for green |
| | 7 | Wait for the green signal |
| | 8 | With window without labelling |
| | 9 | Request registered |

| X | B Request labels | |
|---|------------------|---|
| | 0 | Please push / Touch* |
| | 1 | Please push / Touch + hand* |
| | 2 | Please push / Touch + bicycle* |
| | 3 | Visually impaired symbol (3 points) |
| | 4 | Visually impaired symbol as per ÖNORM |
| | 5 | Hand symbol |
| | 6 | Augsburg / Please press + bicycle |
| | 7 | Push here + hand |
| | 8 | Push here + bicycle |
| | A | Augsburg |
| | B | Bicycle |
| | F | Pedestrians touch |
| | N | Neu Ulm / Touch + hand |
| | U | Ulm / Touch + hand |
| | S | Visually impaired symbol (3 points) + SIEMENS |
| | X | Please press + info + hand |

* Please push is used if push-button was selected at ❶

* Touch is used if sensor was selected at ❶

Abbreviations used

- VPB = Vibrating push-button
- LED = Visual feedback
- PED = Pedestrians
- ÖNORM = Austrian Standard

| X | C Labelling language | |
|---|----------------------|------------|
| | 0 | German |
| | 1 | English |
| | 2 | Polish |
| | 3 | Croatian |
| | 4 | Dutch |
| | 5 | Slovenian |
| | 6 | Czech |
| | 7 | Romanian |
| | 8 | Turkish |
| | 9 | Spanish |
| | A | French |
| | B | Estonian |
| | C | Hebrew |
| | D | Portuguese |
| | E | Greek |
| | F | Latvian |
| | G | Russian |
| | H | Arabic |
| | I | Irish |
| | J | Belarusian |
| | M | Serbian |

Label information

Specify desired label in desired language.

A : _____

B : _____

C : _____



crossguide

Accessories *crossguide*

EK 533 acoustic signalling device for pole installation

Release + OT | Green: Order no.: 12 533 0460/000

Release | Green: Order no.: 12 533 0460/010

Release + OT | Grey: Order no.: 12 533 0461/000

Release | Grey: Order no.: 12 533 0461/010

Release + OT | Black: Order no.: 12 533 0462/000

Release | Black: Order no.: 12 533 0462/010

Accessories:

Cross arm | Steel/galvanised: Order no.: 70 085 6650



Acoustic signalling device



Cross arm for pole installation

EK 533 acoustic signalling device for signal chamber

Release + OT | Black: Order no.: 12 533 0462/100

Release | Black: Order no.: 12 533 0462/110



Acoustic signalling device for signal chamber

Connection cable

USB cable: Length 1.80 m (incl. driver)
Order no.: 12 533 09895

RS 232 cable: Order no.: 12 533 0996

Bluetooth dongle +
Bluetooth stick: Wireless parametrisation of the crossguide
Dongle order number: 12 533 0998
Stick order number: 12 533 0999

Parametrising adapter: Parameter transfer without PC
Order no.: 12 533 0988



Dongle



Bluetooth stick



USB cable



Parametrising adapter

Pole adapters (stainless steel vandalism protection)

| | |
|---|--|
| Pole sizes: | Ø 180–300 mm Order no.: 12 533 0992 |
| Wall adapter: | Level surface Order no.: 12 533 0993 |
| Universal pole adapter: | up to Ø 159 mm for threaded holes: Langmatz EK 98, Wai TB, RTB, Urich, Kringe Order no.: 12 533 0994 |
| Universal pole adapter for large poles: | Ø 180–300 mm for threaded holes: Langmatz EK 98, Wai TB, RTB, Urich, Kringe Order no.: 12 533 0995 |



Pole adapter

Drilling jig

| | |
|--------------|--|
| Application: | Attachment to pole using strap fastener or similar (not included in scope of delivery). Drilling of the mounting holes and cable duct for crossguide and EK 533 acoustic signalling device. |
| Order no.: | 700 663 003 |



Drilling jig

Remote control (netbook)

| |
|--|
| Windows 10 |
| USB port |
| Size: (W) 262 x (D) 178 x (H) 25.9–36.6 mm |
| + installed software <i>cg Manager</i> |
| + USB parametrising cable |
| Others on request |



Netbook

Software cg Manager

| |
|--|
| Compatible with Windows 7, 8, 10 for setting, saving and archiving of the device parameters |
| Download <i>cgManager</i> langmatz.de/service/kundenservice |

Configurator *basicguide*

Order no.: **12 524** /

1
 2
 3
 4
 A
 B
 C

X = Mark with a cross where applicable

X **1 Request**

| | | |
|--------------------------|---|-------------------------|
| <input type="checkbox"/> | 1 | Push-button + VPB + LED |
| <input type="checkbox"/> | 2 | Sensor + VPB + LED |
| <input type="checkbox"/> | 3 | Push-button + VPB |
| <input type="checkbox"/> | 4 | Sensor + VPB |
| <input type="checkbox"/> | 5 | VPB |
| <input type="checkbox"/> | 6 | Push-button + LED |
| <input type="checkbox"/> | 7 | Sensor + LED |
| <input type="checkbox"/> | 8 | Push-button |
| <input type="checkbox"/> | 9 | Sensor |

X **A Feedback labels**

| | | |
|--------------------------|---|-----------------------|
| <input type="checkbox"/> | 0 | Wait for signal |
| <input type="checkbox"/> | 1 | Please wait |
| <input type="checkbox"/> | 2 | System in operation |
| <input type="checkbox"/> | 3 | Three points luminous |
| <input type="checkbox"/> | 4 | Without |
| <input type="checkbox"/> | 5 | Please push |
| <input type="checkbox"/> | 6 | Wait for green |

X **2 Pole adapter**

| | | |
|--------------------------|---|----------------------|
| <input type="checkbox"/> | 0 | 78-230 mm (standard) |
|--------------------------|---|----------------------|

X **B Request labels**

| | | |
|--------------------------|---|--|
| <input type="checkbox"/> | 0 | Please push / Touch* |
| <input type="checkbox"/> | 1 | Please push / Touch + hand* |
| <input type="checkbox"/> | 2 | Please push / Touch + bicycle* |
| <input type="checkbox"/> | 3 | Visually impaired symbol (3 points) |
| <input type="checkbox"/> | 4 | Visually impaired symbol as per ÖNORM |
| <input type="checkbox"/> | 5 | Hand symbol |
| <input type="checkbox"/> | 6 | Bicycle |
| <input type="checkbox"/> | 7 | Please push / Touch + blind man's stick* |
| <input type="checkbox"/> | 8 | Visually impaired symbol (Switzerland) |
| <input type="checkbox"/> | U | Ulm / Touch + hand |

X **3 Configuration**

| | | |
|--------------------------|---|----------------|
| <input type="checkbox"/> | 0 | Standard cable |
| <input type="checkbox"/> | 5 | Pluggable top |

X **4 Variants**

| | | |
|--------------------------|---|----------------------|
| <input type="checkbox"/> | 0 | No acoustics |
| <input type="checkbox"/> | 1 | Internal loudspeaker |

Internal loudspeaker for orientation sound requires connection to an external acoustic device, e.g. EK 98 doubLIC.

* *Please push* is used if *push-button* was selected at **1**

* *Touch* is used if *sensor* was selected at **1**

| X | © Labelling language | |
|---|----------------------|------------|
| | 0 | German |
| | 1 | English |
| | 2 | Polish |
| | 3 | Croatian |
| | 4 | Dutch |
| | 5 | Slovenian |
| | 6 | Czech |
| | 7 | Romanian |
| | 8 | Turkish |
| | 9 | Spanish |
| | A | French |
| | B | Estonian |
| | C | Hebrew |
| | D | Portuguese |
| | E | Greek |
| | F | Latvian |
| | G | Russian |
| | H | Arabic |
| | I | Irish |
| | J | Belarusian |
| | M | Serbian |

Label information

Specify desired label in desired language.

Ⓐ : _____

Ⓑ : _____

Ⓒ : _____

Abbreviations used

- VPB = Vibrating push-button
- LED = Visual feedback
- PED = Pedestrians
- ÖNORM = Austrian Standard



basicguide



Configurator *easyguide*

Order no.: **12 424** /

①
 ②
 ③
 ④
 A
 B
 C

X = Mark with a cross where applicable

| | | |
|---|------------------|-------------------|
| X | ① Request | |
| | 1 | Push-button |
| | 2 | Push-button + LED |
| | 3 | Sensor |
| | 4 | Sensor + LED |

| | | |
|---|-----------------------|----------------|
| X | ② Cable length | |
| | 0 | 2 m (standard) |
| | 5 | 3 m |
| | 6 | 4 m |
| | 7 | 6 m |

| | | |
|---|----------------|------------------------------|
| X | ③ Cable | |
| | 0 | 500 V (standard) |
| | 1 | 1,000 V |
| | 2 | 1,000 V + Torx locking screw |

| | | |
|---|----------------------------|--------------------------|
| X | ④ Special equipment | |
| | 0 | Standard |
| | 1 | Auxiliary relay |
| | 2 | Special equipment Munich |
| | 3 | 3-pole push-button |

| | | |
|---|--------------------------|--------------------------|
| X | Ⓐ Feedback labels | |
| | 0 | Wait for signal |
| | 1 | Please wait |
| | 2 | System in operation |
| | 3 | Three points luminous |
| | 4 | Without |
| | 5 | Please push |
| | 6 | Wait for green |
| | 7 | Please wait |
| | 8 | Help coming |
| | 9 | Light |
| | A | Waiting for green signal |
| | B | Man + stop hand |

| X | Ⓑ Request labels | |
|---|------------------|--|
| | 0 | Please push / Touch* |
| | 1 | Please push / Touch + hand* |
| | 2 | Please push / Touch + bicycle* |
| | 3 | Hand symbol |
| | 4 | If you have questions, please press + we will help you |
| | 5 | Without |
| | 6 | Hand + Zaragoza logo (lion emblem) |
| | 7 | Hand + pedestrian |
| | 8 | Hand + SIEMENS |
| | 9 | Press for green light + hand |
| | A | Please push / Touch + hand + bicycle* |
| | B | Open door + hand |
| | F | Bicycle |
| | L | Light symbol |

* Please push is used if
push-button was selected at ①

* Touch is used if
sensor was selected at ①

Label information

Specify desired label in desired language.

Ⓐ : _____

Ⓑ : _____

Ⓒ : _____

| X | Ⓒ Labelling language | |
|---|----------------------|-----------------|
| | 0 | German |
| | 1 | English |
| | 2 | Polish |
| | 3 | Croatian |
| | 4 | Dutch |
| | 5 | Slovenian |
| | 6 | Czech |
| | 7 | Romanian |
| | 8 | Turkish |
| | 9 | Spanish |
| | A | French |
| | B | Estonian |
| | C | Hebrew |
| | D | Slovakian |
| | E | Latvian |
| | F | Hungarian |
| | G | Greek |
| | H | Catalonian |
| | I | Lithuanian |
| | J | Bosnian |
| | K | Russian |
| | L | Belarusian |
| | M | Serbian |
| | N | Ukrainian |
| | P | Spanish/English |

Abbreviations used

- VPB = Vibrating push-button
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easyguide