



# EK 598 acoustic signalling device *soundguide*

## These acoustics show you the way - Acoustics for the visually impaired

The acoustic signalling device of the new Langmatz EK 598 soundguide generates guide and pedestrian crossing signals generated independently and depending on the traffic noise, and the unit complies with all the pertinent standards. Outstanding acoustic control is guaranteed by the use of state-of-the-art microprocessors. The signals can be defined in accordance with a country's respective standard or according to the user's wishes by means of the user-friendly soundguide Manager software.

## Advantages

### Developed for the future

#### soundguide Manager (software)

- Intuitive user interface and navigation
- Extensive sound library
- Automatic listing of devices located in the vicinity Individual setting of the operating voltage (universal voltage) and display of the current voltage at the soundguide
- Volume adjustment of the pedestrian crossing signal and guide signal via crossing length or individual adjustment

### Safety

Access-protected by encoded Bluetooth dongle (KRITIS)

- Plug & play

## Properties

- Universal voltage (20-264 V)
- Signal volume does not increase in response to signal of other soundguide
- Suppression of wind noise
- 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 guide and/or pedestrian crossing signal in accordance with RiLSA and DIN 0832

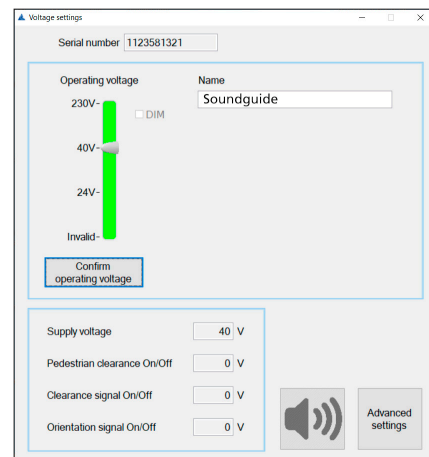
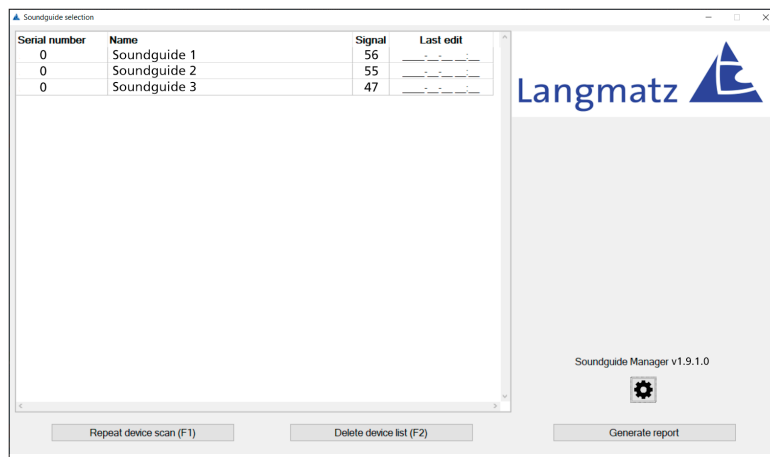


soundguide EK 598



## Setting options for the guide and pedestrian crossing signals

- Traffic-noise-dependent
- Volume: approx. 30-90 dB (A)
- Selection of the tones via software (standard 880 Hz, frequency range 500-5000 Hz for polyphonic tones, from 3 frequencies or a square)
- Fine adjustment of the superelevation
- Volume increase and decrease adjustable.
- Maximum level 40-90 dB (A), minimum level 30-80 dB (A) in 1 dB increments



## Technical data

Designation:	Acoustic soundguide EK 598
Universal voltage:	24 VDC   24 VAC   40 VAC   110 VAC   230 VAC
Standards fulfilled:	RiLSA; DIN VDE 0832-100, DIN VDE 0832-200; DIN 32981
Housing colour:	Grey; green; black
Protection class:	II (double-insulated)
Protection rating:	IP54
Impact resistance:	IK10
Max. power consumption:	8 W
Safety:	SIL3
Mounting/installation:	Screw mounting, strap fastener or installation in signal chamber
Operating temperature:	-25 °C to +60 °C
Height / Width / Depth:	184 mm / 96 mm / 115 mm (distance from pole)

