02.08.2022 | LÜTZE Transportation | InnoTrans 2022 | SG-200 Signal generator for public transport

# Digital signal generator for issuing warnings and warning signals in the public transport sector

**At the InnoTrans 2022, rail technology specialist LÜTZE TRANSPORTATION, will be presenting the LÜTZE SG-200, a configurable two-channel signal generator for issuing warnings on public transport vehicles.**

*Signal generation of the LÜTZE SG-200 can be activated by 12 or 15 opto-decoupled control inputs. The SG-200 has a digital high-performance end level (Class D) with a 200 W output for issuing outdoor warning signals with high sound pressure levels. Warnings can be issued in the passenger area and in the driver's cab via a second end level with an output of 25 W (Class D). The SG-200 can issue up to 16 freely definable warning signals and voice announcements. It has a large internal memory so that up to 512 different audio signals or announcement sequences can be filed. The warning and an-nouncement sequences can be easily assigned to the corresponding control inputs via a parameter field. The output level of the audio signals can be configured individually here. LÜTZE supplies two alternative installation models for the SG-200 signal generator: Either as a 19 inch push-in variant (PI) for the control cabinet or for flexible flange mounting (FM) in the passenger area or driver's cab, using two brackets and four screws.*

*Fig.: InnoTrans innovation by LÜTZE TRANSPORTATION. The two-channel SG-200 signal generator for public transport*

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A day and night reduction has been integrated for issuing outdoor warnings. For instance, the output of the 200 W end level can be automatically reduced after 10 pm. Public trans-port companies can issue and manage individual priorities for all 12/15 inputs. The warning signals can be activated by means of signal edge or state-controlling. The signal generator is configured using the SG-200 software. Configurations and audio files are imported via the integrated USB-A interface. There is another USB-B interface available as an optional confi-guration interface. Four relay outputs (IO1, . . IO3, OUT4) can be used to issue specific previously defined states and collective fault messages.

Available accessories include various horn loudspeakers, the SG-200 configuration software,

connectors, installation brackets and services for setting the configuration. The LÜTZE SG-200 signal generator meets the relevant standards and certifications for railway applications acc. to EN 50155, EN 50121-3-2, EN 50124-1, EN 61373, EN 45545-2.

LÜTZE TRANSPORTATION at the InnoTrans 20.-23.09.2022, Hall 27 Booth 630

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