



LOC.id

RTB



## Mobility for the visually impaired

LOC.id is a Bluetooth\*-based acoustic aid for blind and visually impaired people that provides guidance and information as they approach public transport and traffic light systems.

The transmitter is the smartphone app, which is available for Android and iOS, or the user's device. When a user approaches a system equipped with the receiver, they are detected and a louder signal is emitted for guidance. The system still also emits a separate acoustic signal to indicate when it is safe for the pedestrian to cross.

Any transmitters within a radius of 100 m are picked up. You can distinguish between close-range and long-range in the service app.

### LOC.id modes

#### Mode 1:

Standard - No users are nearby, and the sound level is low.

#### Mode 2:

As soon as a user comes within acoustic range and a connection has been established, the sound switches to Mode 2. In this mode, the sound level is increased.

It automatically switches between Modes 1 and 2.

### LOC.id partnerships are in place with the following:



\* not identical to the Bluetooth SIG brand





## Potential deployments

- Traffic lights
- Station / public transport
- Entrances / public spaces

## Example



### Halle streetcar system – speaking stops

The receiver is installed on the streetcar. When a blind or visually impaired person with an enabled app or user device is detected, a voice signal is given as the doors open. If no transmitter is detected in the area, there is no voice message.

### DIFFERENT than the OTHERS!

This is the premise we work on. We want to attract your attention with innovative strength, the highest quality and an excellent service. User-friendliness of our products and customer orientation are most important for us. We are doing everything for a reliable, partner-like cooperation.

Drawing on many years of experience, RTB develops, produces and sells innovative solutions for road traffic. In addition to supplemental equipment for traffic light signal systems, radar and laser systems for speed reduction and certified traffic data recording systems, our product range also includes parking ticket machines, innovative systems for electromobility and effective parking lot management.



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