

Traffic Light REPORT

The magazine for traffic technology



NORMALITY

FROM AN
EARLY AGE!





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Dear readers,

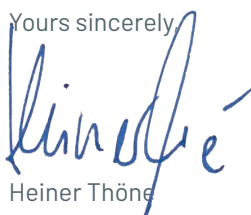
The new issue of traffic light report is hot off the press, and with it the latest news from the various RTB product areas, for example from the "RADAR forge". This division has really developed very well in recent years, thanks in particular to the colleagues in our development department. They take ideas, suggestions and feedback from our customers and use them to develop innovative and forward-looking RADAR solutions.

For example, the latest prototype of the new Dialogue-Display passed its "baptism of fire" at EURO 2024. We are now putting the finishing touches to the new Dialogue-Display with its modern full-matrix design and innovative features.

But there is also something happening in the TOPO family. TOPO.bike, the RADAR-based sensor that delivers high-quality cycling data and thus meets the requirements of an intelligent cycling infrastructure, is joining the family.

We look forward to keeping you up to date on all developments and results. Keep us on your "RADAR screen" and contact us when it comes to traffic census or speed and noise reduction in your city or municipality.

We are counting on and with you and look forward to the dialog. We hope you enjoy this new issue of traffic light report.

Yours sincerely

Heiner Thöng



It's too loud in Germany - and this is mainly due to traffic noise, because it can often be heard for miles around. It is now well known that high levels of noise pollution are a real health risk. It doesn't matter whether the noise is subjectively perceived as annoying, because the autonomous nervous and hormonal systems are activated regardless. According to a study by the European Environment Agency, around 48,000 Europeans suffer from heart disease every year as a result of noise pollution.

Reliable data is needed to actively combat traffic noise and limit its harmful effects on health. This can be provided by RTB's TOPO vehicle classification systems, which, in addition to classification data, also enable statements to be made about particularly noisy vehicles. It is important that the recorded peak values are always shown in db(A) as the basis for an exact noise level calculation.

But that's not all: the device combination of TOPO and Dialogue-Display also makes it possible to directly influence driving behavior, so that a quieter driving style can be requested.

Do YOU want to reduce traffic noise on your roads? Talk to us!

QUIETER

PLEASE!

PLEASE!

PLEASE!

PLEASE!



FRANCE IS UNITED BY FOOTBALL



FRENCH CE

For four weeks, from 12.06. to 10.7.2024, Paris was not on the Seine, but on the Lippe in tranquil East Westphalia. That's exactly how long the French men's national team were guests in Bad Lipspringe during the European Championships. The whole town was in "France fever" and gave its all to be a worthy host. The training took place at the stadium of the German second league club SC Paderborn 07 e.V., and a glance at

the home bench showed what kind of celebrities the club was able to enjoy for a short time!

A special welcome awaited the French on the way to the hotel, where they were greeted by the new prototype of the RTB Dialogue-Display. The freely programmable full-matrix display, the innovative design with significantly more space for the motif and the possibility of future con-



CELEBRITIES

figuration via an app impressed not only the French. As a special thank you for the fact that the Équipe Tricolore chose the East Westphalian spa town, the town of Bad Lippspringe presented two Dialogue-Displays to a community in France, where they will certainly make a valuable contribution to road safety in the future. The great media interest generated by the visit of the French national team led by superstar Kylian Mbappé was

also remarkable. RTB's Dialogue-Display was also able to shine here, as it appeared in almost every report and thanked road users with a friendly "MERCI" for an adapted driving style.

Would YOU also like to ensure an adapted driving style in your city or municipality? We will find the right solution together!



WE NEED YOUR

Blind and visually impaired people depend on good and safe orientation in public spaces and on the road. Ensuring this is the stated goal of the „Open Smart Mobility“ network, of which RTB is also a member, and which promotes the use of LOC.id technology, as we have reported on many occasions. The LOC.id app acts as a key or search app for many other applications of the network participants. The network's service company - Smart Mobility Services GmbH (SMS) - is responsible for supporting users of the technology and providing information and assistance with its use. For example, in autumn 2024, it is planned

to publish which facilities, buildings and installations already have app-based solutions for blind and visually impaired people, as they often do not know which facilities in the municipalities have already been equipped for various reasons (e.g. communication problems, etc.). This is now set to change!

We are currently investigating how this can be done in an organizational and legally compliant manner. We are particularly grateful for the support of the City of Cologne, which is reviewing the processes with regard to possible automation.



HELP!

Apps for the blind and visually impaired are in use in more than 100 cities and municipalities, for example in public buildings, parks, at traffic lights, etc. and these should of course be found.

LOC*id*

Would YOU also like to support us and have ideas on how this can be implemented?

Then please contact SMS by E-mail or by telephone:

info@sms-start.de
+49 5252 915 4730

We hope to receive a lot of feedback. If required, we will also be happy to put you in touch with local associations for the blind and rehabilitation teachers. Because accessibility only works TOGETHER!

LOC.ID AT THE LBZB



IN LOWER SAXONY

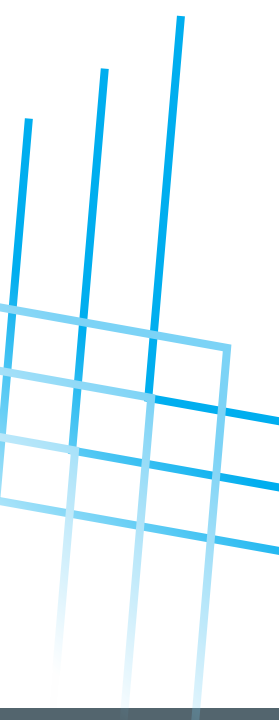
The State Education Center for the Blind (LBZB) in Hanover supports blind and visually impaired children, young people and young adolescents on their way to a self-determined life. Counseling, early intervention, school and vocational training and much more take place there under one roof. This means that many people come together in a very large area. Accessibility cannot be rated highly enough in a place like this, as safety and perfect orientation are paramount.

In addition to the existing floor guidelines, LOC.id technology is now being used in Hanover. This app-based solution has already proven itself many times over in other areas, for example at traffic lights. So-called “talking stones”, named LOC.id ROCK, and locating points, LOC.id POI, have been installed and put into operation on the grounds of the State Education Center. When a visually impaired person approa-

ches them with the corresponding app on their smartphone, the LOC.id technology is activated via Bluetooth® and provides acoustic information on local conditions, e.g. entrances, buildings, obstacles, etc.

Multilingualism is new and being used for the first time at the LBZB. Depending on the language in which the LOC.id app is set on the user's smartphone, the voice output of LOC.id ROCK or LOC.id POI is also adapted so that previous language barriers can be eliminated. A real added value and a gain in terms of accessibility.

And this is also the case in Halle on the Saale, where the marketplace is now being equipped with the same technology. We look forward to the feedback and hope that many more public places will follow these positive examples and actively promote the widespread use of LOC.id.





HIGH-TECH: MEASURING AND PARKING IN GRAZ

Anton Paar develops, produces and sells high-precision laboratory instruments and process measuring systems as well as customized automation and robotics solutions. The company is the global market leader in the fields of density and concentration measurement, rheometry and CO2 measurement.

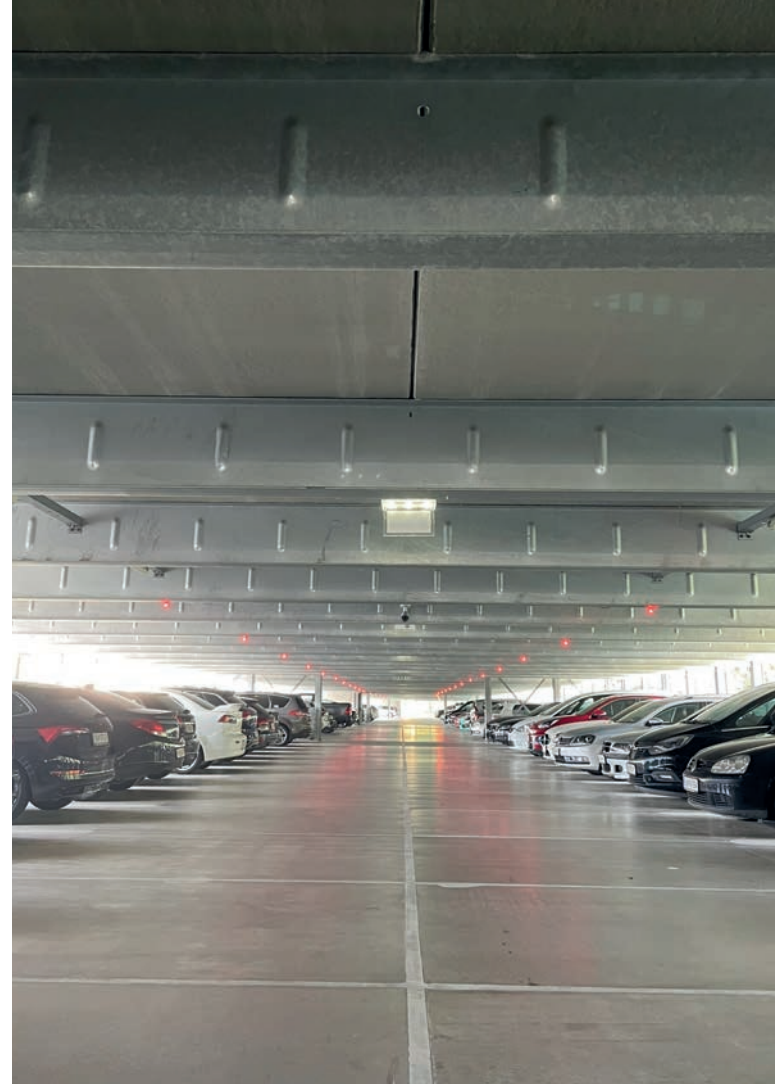
More than 4500 employees work for the company worldwide, around a third of whom are based at the headquarters in Graz. The constantly increasing number of employees naturally also leads to an increased need for parking facilities. The company responded to this and commissioned our partner, GOLDBECK-RHOMBERG, to extend the existing parking garage.

We are proud to have played a key role in this project. A total of 777 parking spaces were equipped with our sensors and received a remote LED at every second parking space, which signals the occupancy status in color.

VARIOUS DISPLAYS WERE ALSO USED:

- ▶ a large entrance display (LOBO.display Video), for maximum flexibility and display options for different user groups per level
- ▶ 11 full-matrix displays (LOBO.display Navigation Full Matrix) that can be labeled variably as a custom-made product, which show both the free parking spaces on the current level per product group ("normal", "mobility-restricted", "family" and "e-mobility"), as well as the free parking spaces on the levels above.

We would like to thank our partner and all those involved who made it possible to realize this major project in an installation time of just 2.5 weeks and we wish the employees of Anton Paar GmbH good PARKING at all times.



HOPEFULLY THE BEAVERS WILL STICK TO THE SPECIFIED TIMES!



SOURCE: Westfälisches Volksblatt, Issue June 28, 2024

Alternatively, RTB already has a specially designed Dialogue-Display, which would certainly also be well suited to protecting the beavers in Höxter.



BLIND BARBIE

The toy manufacturer Mattel is committed to showing diversity and a broad reflection of society. The ever-growing collection of inclusive models is intended to contribute to this, which is why Barbie is now also available with a visual impairment. This model, which realistically depicts blind and visually impaired people, was created in collaboration with the American Foundation for the Blind.



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