



Active traffic board ZIR



Active traffic board is a product designed to increase safety of pedestrians. Many accidents on the roads, mostly when children are involved, result from decreased drivers' concentration caused by an omnipresent stress or excessive speed.

Reaching out these problems we offer a product whose main goal is to inform drivers that they, often unintentionally, exceed a set speed limit. The boards will appeal to drivers' imagination due to their untypical shapes and shown messages. Thanks to them the positive motivation for slowing down becomes possible, what, in result, improves safety of the people using the places protected in such a way.



Additional advantage of this facility is a possibility to record a number and speed of passing vehicles, and also simplified maintenance with the use of IR remote control. The facilities should be installed in places demanding exceptional caution, particularly schools' vicinities and pedestrian crossings used by disabled people.

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Situation

Pressure to achieve something in life, stress - these are notions determining our everyday life. Everything must be better and faster. Both at home as well as at work we do not spend too much time on consideration. Instead, we apply "bulldozer tactics", thanks to which we gain an advantage and are the first ones to reach the finish line. Unfortunately, the rules which are applied by the contemporary society are present also on our roads. Speed, even when sacrificing safety, is most important.

Problem

Speed limits, speed controls, speed tickets - these means steer nowadays traffic, unfortunately they are non-effective. Excessive speed is still the main reason of traffic accidents. Leniency for people who can handle traffic worse than we do decreases every moment. Children, elderly people and the disabled become innocent victims. The reason for these tragic accidents is not some ill will of drivers but a lack of concentration. Thus, a positive motivation which would activate our cautiousness on the road is necessary.

Solution

Warning, protection, appeal - these are the factors which define innovative product - active traffic board - created having in mind establishing a dialogue with drivers. Praise and criticism: drivers oblivious of time pressure and stress reduce speed, with a profit for all traffic participants. The main aims of messages on the boards are: warning against unintended violation of traffic regulations and protection of people on pedestrian crossings.

Technical specification

Power supply:

- alternating current 230V or direct current 12V

Basic functions:

- showing messages depending on a vehicle's speed: "Slow Down" and "Thank You"
- possibility of manual choice of speed - 30 or 50 km/h
- range of reaction to set speed to 50 metres

Car count:

- double survey of passing vehicles
- maximal amount of counted cars: to 64,000
- reading of the data directly from the active traffic board

Remote control with a display controller:

- possibility to set threshold values of speed: 30, 40, 50, 60 and 70 km/h
- setting the time of showing the messages "Slow Down" and "Thank You"
- possibility to set and read clock
- possibility to reset the facility
- activation of the facility to count and analyse vehicles in the measurement zone
- possibility to maintain a few active traffic boards with the use of one remote controller.

Dimensions:

- width: 1100 mm, height: 830 mm
- weight: 15 kg
- size of the letters: 113 mm



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