# LED Intermittent Railroad Crossing Sign

Intermittent railroad crossing signs are used to indicate that certain maneuvers are allowed or forbidden when a train is traveling in an intersection or at a level crossing.

## Description

Customizable lane control signs enable energy cost savings because they consume up to 90% less electricity than conventional fibre optic signs. Furthermore, their components are designed to facilitate installation, maintenance and upgrading and therefore lower operating costs. Finally, it is also possible to reuse the enclosure and wiring and replace only the front (LED) panel. The wiring may be installed in the panel itself or consolidated with other power supplies in a more accessible area to minimize traffic disturbances during maintenance operations.


## Specifications

**Technical characteristics**

- Waterproof aluminium enclosure that meets NEMA requirements for type 4 enclosures
- Compliance with ITE requirements applying to LED road signs
- Exterior dimensions: 710 x 710 mm (28 x 28 in.) for 600 mm (24 in.) messages
  710 x 965 mm (28 x 38 in.) for 750 mm (30 in.) messages
  Other Dimensions according to needs!
- Depth: 200 mm (8 in.)
- Supply voltage: 90-135 VAC/60 Hz
- Maximum power: 30 W; nominal power: 15 W
- Power factor: > 90%
- Compliance with operating temperature criteria of the NEMA TS 2 standard (-34 to +74°C [-30 to +165°F])
- LEDs of stable brightness and chromaticity over the entire power and temperature ranges

**Optional accessory**

Visor measuring 300 mm (12 in.) in depth for improved visibility in direct sunlight

**Functional characteristics**

- Independently powered and controlled messages. The power modules are compatible with all Orange Traffic LED display panels and can be replaced while powered.
- The front panel assembly as well as the main components can be replaced using simply a flat screwdriver, which facilitates upgrading and maintenance operations.
- Fully compatible with:
  - Standard traffic signal conflict monitors (NEMA and 170)
  - Earlier versions of Orange Traffic lane control panels (reverse compatibility)
  - STI-Tassimco's SPC-22 programmable countdown module, allowing for the panel's autonomous operation according to a determined schedule
- Dry contact for the confirmation or display control alarm of each message and for interlocking two contiguous messages without additional material
- Front lens measuring 4.8 mm (3/16 in.) in thickness and UV resistant for longer LED life