

Lap Trigger IR-02

This lap trigger system consists of an infrared transmitter station and a receiver installed in the car. The system allows an exact laptime measurement.

Section time measurement for comparison of different car setups is also available if several transmitters are used.

The receiver output signal pin is switched to ground for 20 ms when the car passes the main transmitter.

Notice: our old lap trigger IR is not compatible with IR-02. If both lap triggers are used at the same time, the transmitters have to be positioned with a minimum distance of 5 m.



Mechanical Data

IR-02-Receiver

Size	42 x 20 x 10 mm
Weight	39 g

Aluminium housing

IR-02-Transmitter

Size with diode	90 x 40 x 28 mm
Weight	124 g

Conditions for Use

Working range 15 m

Ambient temperature -25 ... 70 °C

Same height between receiver and transmitter

Visibility connection between receiver and transmitter

Avoid direct exposure to sunlight

Electrical Data

IR-02-Receiver

Frequency codes	16
Supply voltage	8 ... 16 V
Output voltage	5 V

IR-02-Transmitter

Frequency codes	16 plus 16 offset codes for section times
Supply voltage	8 ... 16 V

Part Numbers

IR-02-Receiver

KPSE 6E8 3AP DN A34	B 261 206 884-03
ASL-6-06-05PD-HE	B 261 206 887-01
KPTA 6E6-4P-C-DN	B 261 206 888-01

IR-02-Transmitter

	B 261 206 890-01
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