Telematics

Pulse
Simply powerful

Key Benefits

- 100% self-install and vehicle-agnostic device delivering core track-and-trace telematics

- Fleet management extended to short hires and grey fleet for which a permanent installation is difficult

- Mileage reports for company cars or private cars easily generated with a mobile app

- Drivers protect their privacy just by simply unplugging the device or by using the mobile app to mask private journeys

Flexible Telematics

Pulse is a simple but powerful GPS telematics device that plugs into a vehicle's cigarette lighter port.

Fleet managers use Pulse to gain visibility on vehicles that cannot be equipped with permanent telematics for cost and privacy reasons: short-hires, company cars, grey fleets, subcontractors.

Pulse can be allocated to any vehicle or worker and delivers information into Connect that is consistent with your other GPS fleet management features, alerts and reports.

Pulse is Masternaut's simple yet powerful and accurate GPS tracking unit.

Specifications

DATA AND FEATURES

- Vehicle state: driving or stopped
- Live position
- Historical journeys
- Timesheets
- Mileage & expense reports
- Odometer (if kept plugged in)
- Speeding events

HOW DOES IT WORK

Simply plug Pulse into the cigarette lighter port to start recording journeys and unplug it to protect your privacy. Pulse uses GPS and mobile networks to report on live vehicle positions.
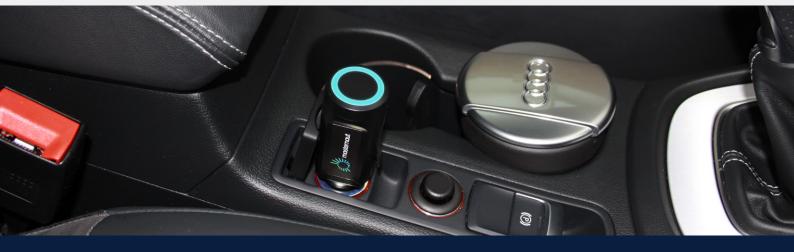
DRIVER ACCEPTANCE

Pulse is a device that drivers will love because they know exactly when the vehicle is connected. It comes in a consumer-friendly box and is easy to install and use. With the SmarterDriver mobile application, it delivers a fast and hassle-free way of generating mileage reports for tax and expense purposes.

What Pulse can do for you

USE CASES

Tracking of short-term hires

Assign and reassign Pulse to vehicles

Timesheets for fieldworkers

Assign Pulse to a field worker

Oversight on subcontractors

Assign Pulse to outsourced resources

Mileage reports for the grey fleet

Assign Pulse to an employee

TECHNICAL SPECIFICATIONS

Flash memory	4 Mbits (8,000 records)
Communication	GPRS/EDGE TCP/UDP/SMS
GPS	Ublox GPS (with SBAS)
	Accuracy: SBAS 2.0m CEP
	Sensitivity: -162dBm

ELECTRICAL

Power Supply	8V to 32V DC using cigarette lighter port
Battery	Rechargeable, Li-Po 3.7V, 250mAh
Consumption	130mA 12V

MECHANICAL

Dimensions	108(L) x 32(W) x 32(H) mm
Weight	55g

ENVIRONMENT

Operating temperature	-10 to +50°C
Humidity	95%RH @ 50°C non-condensing

SAFETY AND STANDARDS

European Directive	CE E9
Environmental respect	RoHS

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