

# HE

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## P-Drive System

The perfect tool for better driving

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### P - Drive System - The Perfect tool for better driving

The P-Drive System is the first and only "state of the art" system to objectively analyse the driving ability of LMV and HMV drivers.

The advantage of the methodology and didactic of the P-Drive System is that the driver and trainer can see and directly check what was right or wrong in a particular situation and it all takes place in road traffic, not in a protected, simulated environment.

The system can be used anywhere, individually or in groups, for road safety training on special tracks or in road traffic.

The P-Drive System can be installed and is ready to use in any vehicle within a few minutes.



### How does the P-Drive System Work?

The heart of the P-Drive System is a telemetric system that is easily installed in any vehicle and records the most important vehicle and driver data during the trip. Using a GPS aerial, two video cameras and a monitor all driver and vehicle movements are recorded accurately and objectively.

In addition to the speed, and distance, it also records longitudinal (acceleration, delay) and cross forces (steering manoeuvres) . It also saves the date, time, braking power and drift angle if relevant.

All incoming data are sent via wireless LAN to the instructor's tablet PC, large screens or a server. So the road safety instructor in the passenger seat can analyse each driving manoeuvre precisely during the trip – or afterwards – and provide specific positive feedback. The participant can take a video and data on a DVD home to study.



## Most Modern Technology that ensures Safety

The system is easy to use and as a result of its varied range of uses will revolutionise road safety training – at professional centres or any other locations – for learners, professional drivers, road safety training and all other road-users.

- For the national driving licence test the system can provide an objective, documented basis for a decision.

- Driving schools and road safety training centres can use the P-Drive System to give their clients valuable, individual feedback. This is not undertaken in an artificial simulated situation in a road safety training centre but also in real life – on the road.

- If there is no road safety training centre available the P-Drive System can provide high quality training at any location as the system is completely mobile.

- Professional drivers and their employers benefit from the flexibility and the simple operation of the system. A P-Drive System trip can take place at any location and at any time because the system is mobile.

- Adapting the system to the needs of different target groups and tasks happens quickly and easily via the software. A wide range of programmes permit a variety of usage options from testing to improving motor sport lap times: coach drive, exam drive, test drive, eco drive, trainer drive, sport drive and race drive meets the needs of all target groups.



## Coaching and Training

**Coach Drive** is designed for all those who want a professional opinion on their driving ability and would like to receive tips and hints for practical driving. The trip takes place in road traffic with the driver's own, familiar vehicle. Then the trainer provides feedback and advice.

The programme can also be used for feedback drives and self assessment

### Target groups:

All those who want to test their driving ability and receive practical tips and knowledge; older road-users or people who have not driven a car for some time; people who are afraid of certain driving situations like tunnels or night driving; people who are traumatised after an accident and novice drivers.

### Train the trainer:

The trainer programme helps driving instructors, teachers and examiners to test and improve their abilities. During the trip the instructions, feedback and advice from the trainer is recorded and then analysed by a "master trainer".

### Target groups:

Driving teachers, instructors, examiners and all institutions that want to evaluate and train their employees.



## Examination Drives

Exam Drive is about all kinds of driving tests. The candidate either drives on the road or a special test track. The examiner, using a hand held remote marks the mistakes of the candidate during driving. The trip is analysed and the examiner provides specific feedback. A decision is then taken on whether the driver has passed the test or not.

The P-Drive system exam drive ensures that the exam is absolutely objective. If needed the software in the system itself can be enabled to print out the result with all the parameters set and give the candidate the result within a few minutes.

### Target group:

Learners of all kinds of vehicles; organisations like the police, ambulance, fire brigade; companies who have internal training guidelines, e.g. taxi or school bus drivers, tanker, hazardous goods or drivers transporting money or other kinds of high value materials.