

# ROC DASH

Part No. 365



**The ROC DASH has proved to be a revolution for changing the way in which endurance races (team) are carried out. Whether your circuit caters for serious endurance racing, corporate hospitality or casual arrive and drive, the ROC DASH has something for everyone.**

Unlike other on-board laptimers, the timing information is derived from the central timing and scoring system - the ROC software. This allows each driver to see precisely the same information that is present on TV monitors/scoreboards etc, but viewing the data at their own pace, when they want to. It also means that the timing information is consistent and has the same accuracy as the transponders that are being used.

## How it works

Each time a driver passes the start finish line, their transponder crosses the timing loop and their laptime data is recorded on the ROC Timing system. This is processed in the normal way, but by means of a long range transmitter, is fed back to the driver by means of a radio signal. The data is downloaded to the driver as they pass and reaches them within 1 second of them passing the start finish line ensuring they are kept informed of their progress and their progress within the race.

## Features

- View your laptimes as you drive
- Shows race position, gap, laps etc
- Indoor and outdoor use
- Aimed at the corporate market
- Absolute must for endurance racing
- Sell to your owner drivers
- Large clear digits with backlight
- No batteries or maintenance

## Information displayed

As they pass, the ROC DASH displays the last laptime and updated Race Position. Throughout the lap, the driver will be presented automatically with further information relating to the race. A quarter around the circuit, the display will toggle to show gap. Gap is either time (in seconds) or number of laps between the driver and the driver in the position in front. This lets the driver know whether they are catching them or falling behind. When the driver completes half a lap, the dash will toggle to show race time - how long to go in the race. This lets the driver pace the race or session and allows them to schedule pit and fuel stops etc.

Later on in the lap, the dash shows laps completed, just for the record. Just before crossing the line, it returns to laptime to remind you of the last lap you did. When the driver crosses the line for the next lap, it immediately shows their new laptime, etc.

## Qualification and Practice

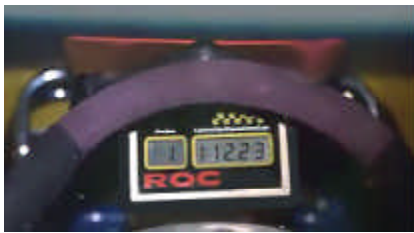
For timed practice sessions, arrive and drive and race qualification, the dash helps the driver even further. The Position window now displays the best laptime ranking of the driver compared to the other drivers on the circuit. For Qualification purposes, this translates to the grid position of the next race. For arrive and drive, it instantly informs the driver of how good they are, and will encourage them to go back out and try again!

## Selling to owner drivers

The dash is also suitable for reselling onto owner drivers. Circuits can keep a stock of ROC DASH units for purchase by drivers with their own karts. Their details can be registered in the ROC Membership System so each time they arrive with their kart, their times are automatically sent to the dash as they race or practice. This allows circuits who have invested in the concept to recoup some of their investment by selling the dash boards to their club members, and also attracts drivers to their circuit because of this unique facility.

## Rental Fleets

The ROC DASH system is ideal for fitting to your complete fleet of rental karts, for arrive and drive and corporate races. It allows even closer competition between drivers!



*The ROC DASH mounted behind the steering wheel on a corporate pro-kart*

## Saloon and Single Seater Cars

The system is also suitable for saloon cars and single seater cars for corporate hospitality days where drivers are driving to improve their laptime on the circuit. The large display keeps them informed of their laptime and how long there is to go in the testing session.

## ROC DASH Transmitter

The dash transmitter connects to the ROC Timing system in the race control. The small unit is mains powered and features a built-in antenna. Normally, the transmitter can cover the complete indoor or outdoor circuit without the need of external antennae. No modifications need to be made to the timing loop.

## Specification

### ROC DASH

Display	Back-lit LCD
Digit height	16mm
Number of digits	2 (position) 5 (Laptime)
Power requirements	Direct from Honda Engine (karting) 12V DC (saloon car)
Dimensions	110(W). 67(H) 33(D)
Weight	180g (280g incl. cable)
Environmental	Waterproof to IP65
Combinations	Unlimited. Each dash has unique i.d. number
Maximum speed:	Limited only by the timing transponder technology used
Accuracy:	Same as timing transponder.
Tools required	Spanner, pliers and cable ties.
Installation time	Approx 15mins per kart
Warranty	12 months return to base

### Fixing

20mm fixing post on rear of dash. Dash fixes on or behind steering wheel. Various brackets are available. Contact us for details.

### Connecting

The dash connects to the power supply by means of a 1.5m cable supplied. Connectors supplied for direct fitting to the Honda Engine cutoff switch. Cigarette lighter connections are available for saloon car use.

### Transmitter

Power supply:	110V/220V 50/60Hz
Antenna	Integral 15cm
Dimensions	200 x 110x70
Weight	625g
Approvals	UK and EU approved frequency*
Warranty	12 months return to base

## Timing Transponder Compatibility

**AMB130 ■ TranX160 ■ TranX 260 ■ AMB20**  
**AMB400 ■ AMB600 ■ AMB120**

Your local representative: