

Digital flag panels at TT Circuit Assen

TT Circuit Assen uses digital flag panels (digiflags) during all events to display the well-known flag signals. Digiflags are placed at 18 positions along the circuit and a multifunctional information board is placed on Start/Finish. The digitally displayed signals have the same meaning and value as the physical flag signals given by track marshals. The digiflags may be supplemented or supported by physical flag signals. The signal shown first takes precedence. The control of the digiflags can be done both by a track marshal from a marshals post and by Race Control.

During the event in which you participate, primarily only digiflags will be used. Physical flag signals will – if possible – only be shown as support. In principle, the track marshals are available for assistance and support and the flag signals are displayed digitally. The meaning and value of the digiflags is equal to that of the regular flag signals. The advantage of the digital system is that flag signals can now be displayed at 19 positions, whereas in the past this was limited to 11 positions during this type of events. This will allow participants to be warned or informed at an earlier stage and the flag signals will be more visible. It is also possible to display signals that were normally only shown on Start/Finish at all positions or in certain sectors of the track.

Digiflags in practice track days with motorbikes/cars

START OF SESSION: GREEN FLAG

At the start of each session the digiflags will show the green flag during the first lap. This will inform you about the position of the digiflags. When the situation in a section of the track gives cause to do so, the corresponding digiflag might display another flag signal at the start of the session.

As soon as the session starts, the light at the pit exit will turn green and will continue to show green throughout the session. When you are approaching the pit exit to enter the track and there are other vehicles on the circuit, the pit exit lights will flash blue.

END OF SESSION: CHEQUERED FLAG

As soon as the scheduled time for the session has elapsed, the chequered flag will be displayed on all digiflags. At the same time, the pit exit light is set to red.

From this moment on it is not allowed to overtake each other anymore and at the first opportunity you have to enter the pit lane. It is no longer allowed to exit the pit lane.

INTERRUPTING OR STOPPING THE SESSION: RED FLAG

If a situation on or along the track causes the session to be interrupted or stopped, all digiflags will show the red flag. The pit exit light also turns red and the start lights on Start/Finish shows red.

You must reduce speed now and be prepared to change direction or come to a standstill. Overtaking each other is no longer allowed and at the first opportunity you must enter the pit lane. In the pit lane an official will make you wait (in case of interruption) or lead you to the paddock (in case of stopping).

INCIDENT: YELLOW FLAG

In the event of an incident, the yellow flag will be displayed on one or two digiflags prior to the incident. A green flag will be displayed on the first digiflag after the incident. From the first yellow digiflag onwards, it is prohibited to overtake each other and you must adjust your speed. After passing the green digiflag, the speed may be increased again and overtaking is allowed.

If the incident is on the track, a double yellow flag will be shown; in that case a yellow and black triangle will be shown alternately on the digiflag. You must therefore be prepared to change direction or significantly reduce speed.

On the digiflag, the most important flag is shown. If necessary – and possible – a physical flag signal can be shown in support to it. For example, the digiflag shows the yellow flag (dangerous situation next to the track, no overtaking) and the track marshal physically shows the yellow/red striped flag (possible reduction of grip).

NEUTRALISATION: CODE 60 (SPEED RESTRICTION)

If an incident requires the deployment of a Mobile Team (rescue vehicle) and/or ambulance, the session will be temporarily neutralised. This allows the track marshals to work safely and does not mean that the session has to be stopped.

All digiflags will show the purple Code 60 flag and the start light on Start/Finish shows yellow flashing. From that moment on, you must reduce your speed to a maximum of 60 km/h without braking strong. Overtaking each other is no longer allowed. The digiflag prior to the incident may show another flag signal, for example yellow or double yellow.

As soon as the incident has ended and all track marshals are behind the safety barriers again, all digiflags will show the green flag at the same time (and the starting light will turn green again). In this case, it is again permitted to increase speed and overtake each other as soon as a green flag is in sight.

VIOLATION, E.G. NOISE: START NUMBER

When a competitor has committed a noise offense, or for any other reason has to stop the session immediately, the corresponding start number will be shown on Start/Finish on the information board and/or along the track on the digiflags.

If your start number is shown on the information board and/or an digiflag, you must enter the pit lane at the next opportunity. In the pit lane you have to report to an official.

The following (digital) flag signals are used during track days with motorbikes/cars



GREEN FLAG track clear/end of dangerous situation/end of neutralisation
overtaking is allowed (again); is shown during first lap of the session to indicate the position of the digiflags



YELLOW FLAG incident/dangerous situation next to the track
clearly reduce speed and overtaking is prohibited up to the point where the green flag is shown



DOUBLE YELLOW FLAG incident/direct danger on the track
clearly reduce speed, be prepared to change direction or stop and overtaking is prohibited up to the point where the green flag is shown



YELLOW/RED STRIPED FLAG possible reduction of grip in the following sector (e.g. due to oil, water or gravel)



WHITE FLAG WITH DIAGONAL RED CROSS (start to) rain in following sector

this flag is only used during track days with motorcycles



RED FLAG session interrupted (or stopped)
clearly reduce speed, overtaking is prohibited and continue to pit lane and wait here for further instructions



PURPLE FLAG/CODE 60 neutralisation
reduce speed to a maximum of 60 km/h and overtaking prohibited



CHEQUERED FLAG end of session
overtaking prohibited and enter pit lane at first opportunity



NOISE DB noise violation: stop in pit lane
start number shown: obligatory to enter pit lane at the first opportunity and report to official



TECHNICAL FLAG (possible) technical defect: leave track immediately (e.g. due to oil leakage)
start number shown: obligatory to leave the track as soon as possible and stop in a safe place



BLACK FLAG stop in pit lane
start number shown: obligatory to enter pit lane at the first opportunity and report to official



ENTER PIT LANE stop in pit lane
obligatory to enter pit lane at first opportunity



ARROW follow the direction of the arrow: use the short cut
use the short cut at the first opportunity