

# Watch your real driving performance on your PS3

**Toyota's (Japan) Sports Drive Logger telemetry system enables drivers of GT 86 sports cars to record their driving on a racing track and watch and analyze it at home on a PS3. The system will be released throughout Japan in June.**

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With the logger, racing tracks can be reviewed and analyzed virtually (Photo: Toyota)

INITIALLY ONLY JAPANESE RACING CIRCUITS WILL BE SUPPORTED: the Fuji Speedway International Racing Course, the Tsukuba Circuit 2000 Course, and the Suzuka Circuit International Racing Course. Additional circuits are planned for the future, so that drivers in other countries will also be able to repeat their driving experiences at home. The Sports Drive Logger is similar to Chevrolet's Performance Data Recorder for the 2015's Corvette. Both systems record driving data and let the driver review their driving later on. But where Chevrolet's system uses an external computer to review the data (or the on-board screen), the Drive Logger uses a racing game.

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The first application compatible with the data is Sony's racing game Gran Turismo 6, which can be played exclusively on a Playstation 3 (PS3). Since April 2, a PS3 firmware update enables the input of driving data recorded into Gran Turismo's GPS visualizer to let users replay track runs and race against their own or their friends' data. The bestselling racing games have always intended to emulate the appearance and performance of a selection of real-world automobiles. Handling of the vehicles is modeled on real-life driving impressions and tuning is based on principles of physics. This takes it one step further: by using the GPS data visualizer in conjunction with Gran Turismo's GPS data logger, users will be able to compare their own driving data against those of professional drivers, enabling study and improvement of driving techniques by practicing in concert with model braking, acceleration techniques and racing lines.

The logger collects data passing through the vehicle's CAN network and also positional data from its dedicated GPS. It then formats the data for copying to USB memory. CAN data can include GPS data, accelerator pedal strokes, steering angles, brake operation signals, shift operation signals, engine speed, vehicle speed, and others. With this data, the user can review their driving performance from different point of views and camera angles. That makes it easier to recognize where the driver slowed too early, accelerated too late, or missed the ideal racing line.

The logger will be available for a manufacturer's suggested retail price of 91 800 yen, approximately 640 Euro.

