RSTime Sound Manager

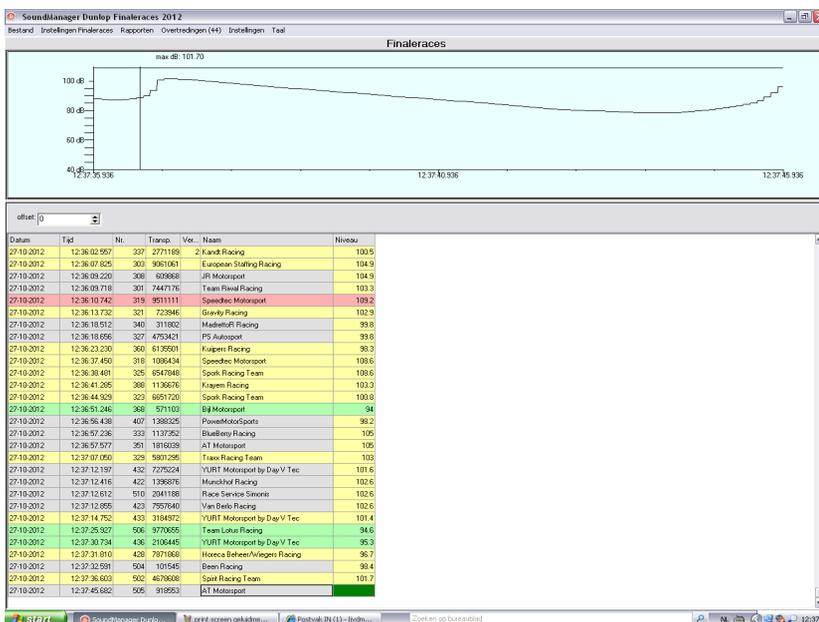## Measure, store and report sound levels

The RSTime Sound Manager measures and stores all measured sound on your track and in the surrounding of your track with the use of one or several measuring devices, such as Bruel & Kjaer, Rion, Norsonic, etc. Further the Sound Manager can also identify what vehicle is making more sound than you have set as the allowed limit. A violation report is automatically printed and can be used to warn the driver of the vehicle that makes to much sound.With the Sound Manager you can comply to local government regulations with reports including all necessary calculations of sound levels.

Measure, store and report all general sound levels.

Identify individual vehicles with the use of Transponders.

Only uses 'clean' measurements for finding violators.

Sound level reports per day, week, month, year are available.

Most sound measuring systems are not developed for Race Tracks but the RSTime Sound Manager is. Beside measuring sound it also identifies vehicles by using transponders. With no other vehicles within a defined distance, a too high sound level means a violator is detected and a reports is printed automatically. The report includes to make-up of the client with logo's etc., and it presents the measured sound, time-of-day, the transponder and driver info (start number + name). You can immediately intervene and control the sound on your track!

RSTime SoundManager features:

Sound Measuring

- Measure, store and report all sound levels in a SQL database
- Detect and identify sound violators (with help of transponders).
- Possible to have multiple sound measurement points
- Look back to old measurements from weeks, months or even years before.
- Option to stream sound to a hard-disk. Replay the recorded sound at any time.

Identifying sound

- Identify vehicles at the same position where the sound is measured.
- Sound levels are linked to the vehicle through a transponder.
- A violation is valid when no other cars are within a distance to the microphone.
- Identification of vehicles directly from the RSTime Timekeeping system

Reports

- Clear reports stating all general calculated sound levels.
- Reports for management and government.
- Reports for a specific hour, part of a day, day, month, year and more.
- Several sound calculations like; hour total, day total or exceeding of a certain percentage per hour (LE-01, LE-05, LE99, etc.)
- Penalty reports are automatically printed when a vehicle violates a sound levels.

System features:

- Support of all Mylaps/AMB hardware (X2, TranX3, TranX2, MX, etc.)
- Compatible with Windows 7 and Windows-8 computers.
- Rion, Bruel&Kjaer, or Norsonic sound measurement devices
- Other sound devices can be interfaces. They must allow communication with the PC through RS-232, USB or TCP/IP protocol.

Time Service.

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