



Activity Recorder VR272



The VR172 is the heart of the Yellow System.

This is where all activity data is accurately recorded. The VR272 has a memory capacity of the 228 working hours.

Product Features

- The new Vibration Recorder is a smaller, more rugged unit that is mounted on any surface that experiences low frequency vibrations in, any axis, whilst working.
- The units are dust- and water-resistant, tamper proof and UV protected.
- No external connections required.
- The unit is self-contained. It operates on 2× 9 Volt block batteries. The battery capacity can be good for up to two years.
- The resolution of recording is one minute, for 114 working hours, equal to about two working weeks. It will therefore be essential to collect the data before the second week is over. The units have a rolling memory, whereby the oldest data by the most recent activity.
- The unit contains a clock/calendar function and stores the time and date and activity information when any of the following events occur:
 - Presence of work vibrations – stored as the average intensity during one minute
 - Changes of state of an external voltage – used to monitor ignition or an engine running time
- Engine running time is an option. A suitable cable (HR25) for connecting the recorder to ignition, oil pressure switch or hour meter is supplied with each unit.
- In a simple once-off operation Activity Recorders are user-programmed with a unique registration number belonging to the concerned vehicle. This number is stored in the recorders indefinitely and is used to identify data belonging to each vehicle.
- The recorder is mounted using either self-tapping screws (included) or double-sided adhesive tape.
- Status indicators show whether the unit is idle (standby) or has experienced work vibrations

Technical Data VR272

Data capacity:	228 hours, or a recommended absolute maximum of 28 days x 8 hours day
Measurements:	vibration in relation to time and intensity, engine running in relation to time (optional)
Voltage:	two alkaline high energy 9 Volt block batteries
Battery life:	up to 24 months
Indicators:	standby red, busy green
Dimensions:	120 mm long × 100 mm wide × 60 mm high
Weight:	430 g, inclusive Batteries
Environmental:	dust proof and water proof
Temperature:	-20°C to +70°C
Mounting:	4 self-tapping screws (delivery content) or strong double-sided adhesive cushion tape
Connection:	2-core cable (black/red) to record engine running times. min. voltage: 7 V DC 5 V AC _{PP} max. voltage: 50 V DC 100 V AC _{PP} The VR272 can accept the voltage applied in either direction DC. There is an internal rectifier.