



Activity Recorder VR272R



The VR272R is the heart of the Yellow System.

This is where all activity data is accurately recorded. The VR272R has a memory capacity of the 228 working hours.

Product Features

- The new VR272R is identical to VR272 except for the addition 12-position dial switch used by the operator to identify the type of work being carried out. This new vibration recorder is a smaller and more rugged unit that is mounted on any surface that experiences low frequency vibration 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
 - Changes in the 12 positions of the dial switch– used by the operator to identify type or mode of work being carried out
- 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 by either self-tapping screws (included) or by double-sided adhesive tape.
- Status indicators show whether the unit is idle (standby) or has experienced work vibrations during the past minute.

Technical Data VR272R

Data capacity:	228 hours, or a recommended absolute maximum of 28 days × 8 hours day	
Assessment:	vibration in relation to time and intensity engine running in relation to time (optional)	
Dial switch, 12 pos.	any one position at a time	
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 and water proof, UV-resistant	
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.	