

How it works



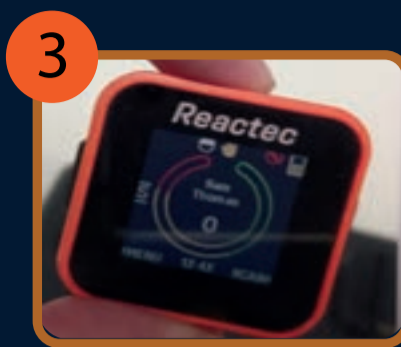
1. Collect

Unclip any R-Link watch with a Reactec logo indicating it is ready for use.



2. Assign

Present a programmed operator card to the R-Link watch.



3. Check

If signing out an R-Link watch for HAV monitoring, ensure a yellow hand icon is shown on the top row. If not, notify your supervisor.



4. Protect

Insert the R-Link watch into a strap, pushing one side in first then clipping the remainder into place. Attach the wrist strap snugly to the wrist.



5. Connect

To connect with each tool, press and release the right hand button so that the watch displays an image of a tag. Present the watch over the tool tag until your hear a beep. Tool details will be displayed on the watch screen.



6. Return

At the end of a shift, return the R-Link watch to a charging station to recharge. Slip the watch down into a bay until it clips in place. A Gateway within 30m collects and transmits data.

How to assemble an R-Link watch into a strap

A wrist strap is required to secure the R-Link watch to the wrist. Ensure the R-Link watch is fully fitted into the watch strap.



NOTE: The wrist strap is personal and should always be subject to appropriate occupational hygiene procedures regarding cleaning and replacement.

Switch OFF R-Link watch during non-tool use

The R-Link watch can be switched off when moving from a high vibration tool to avoid exposure points being accumulated after use of such a tool. Press and hold the right hand button until the message OFF appears. Release the button then press once more to confirm the R-Link watch is to be switched OFF. The R-link watch will beep to confirm the instruction and show OFF on the screen until another tool is tagged.

R-Link watch display

Real-time exposure
Displays accumulated daily HAV exposure as HSE points or time remaining based on last tool used

Interactive display
View enabled watch functions via icons.

Battery level
Indicates battery level

Operator details
Shows full name of operator and tool being used

View 24hr real time
Real time particularly useful when exposure displayed as time remaining

Alerts
Beeps and Vibrates

Coloured circle displays threshold levels

Below limits	Exposure above the EAV with increasing alert levels	Upper limits exceeded
1st Alert 2 sec	2nd Alert 5 sec	3rd Alert 10 sec
		4th Alert 20 sec

R-Link Charger and Gateway



Charger

The charger must be mounted in an indoor location and powered from a mains supply. It is recommended it be positioned where it is convenient for operators to collect their R-Link watches at the beginning and end of shift.

Every charger must be within 30m of a Gateway. The ratio of watches to Gateways should be less than 31.

2-Bay Gateway:

The 2-Bay Gateway must be powered by a mains supply.

It must be connected to the Internet by the internal mobile phone SIM or a local WiFi network if there is a weak mobile signal.



Cleaning Equipment

It is recommended an Isopropanol or similar alcohol based cleaning agent with an alcohol content of at least 70% is used for cleaning. This should be applied with a cloth and with the charger powered down. Use of chemicals not fitting this description may cause damage.



The R-Link watch should be fully charged before being put into storage when not mounted in a powered up charger. It is also recommended to recharge the R-Link watch on a regular basis (monthly) with a 1 hour top-up charge.