How to use the R-Link system
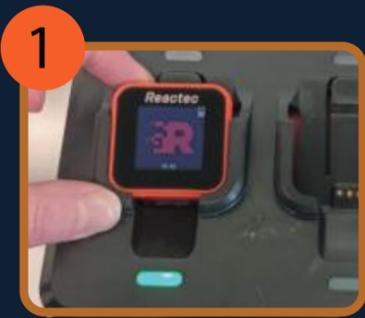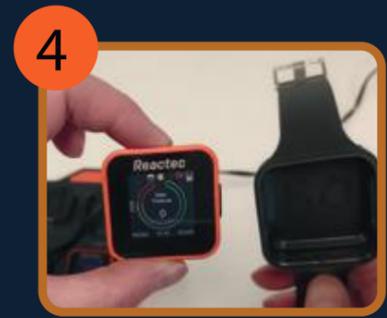
Reactec

How it works

1 **1. Collect**
Unclip any R-Link with a green LED, indicating it is ready for use.

2 **2. Assign**
Follow the instructions on the screen and place an ID card against the screen to assign the R-Link watch to a worker.

3 **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 **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 **5. Connect**
"Connect" with each tool by pressing and releasing the R-Link **Right Hand** button once, before placing the R-Link watch over a tool tag until you hear a beep. Tool details will be shown on the R-Link screen.

6 **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 a high vibration 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
Calculated accumulated daily HAV exposure shown 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 and time remaining
Track permitted time left on tool vs actual time in the day.

Stephen McNamara
Makita Drill
2h57
◀MENU   16:27   SCAN▶

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

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.

R-Link charger & gateway placement

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 no more than 30m of a Gateway. The ratio of watches to Gateways should be less than 31.

Gateway
The gateway must be powered from a mains supply. It must be connected to the internet by the internal mobile phone SIM or a local wi-fi network if there is a weak mobile signal.

When a charger is correctly positioned to be in range of a gateway, the R-Link watches within the charger will show the icons below in the top left hand corner.

Indicates mobile signal strength

Indicates connected to wi-fi

Indicates data being transmitted

Indicates powered

www.reactec.com