

# RD542 Handheld Leak Detector

## User Guide



To use the RD542 please follow the instructions below:

Switch on / off:	The RD542 is switched on by pressing the RED on/off button in the middle of the instrument. The RD542 will remain in operation as long as the operator's finger remains on the on/off button.
Volume control:	The volume for the headphones can be adjusted through the volume control just above the on/off switch. Volume adjustment does not affect the noise level indication, only what can be heard through the earphones.
Noise level indication:	The noise level indication (shown on the display) ranges between 0 - 999.
Headphones:	The headphone connection port is on the oblong end of the RD542 at the opposite end to the sensor pick-up point.
To replace batteries:	Unscrew the battery compartment on the base of the RD542 to replace the battery. Insert a 9V battery and be sure to observe correct polarity.
Extension:	The sensor pick-up point can be extended by adding extension probes as appropriate.

### Troubleshooting:

No level indication, no leakage noise:	Replace battery.
Level indication working, pulsing noise in the head-phones, sensor pick-up point does not operate:	Replace battery.
Device cannot be switched on:	Check battery, check on/off switch.
Device cannot be switched off:	Clean sensor pick up point.



**Radiodetection**  
AN SPX COMPANY

Copyright 2009 Radiodetection Ltd - SPX Corporation. All rights reserved. Radiodetection is a subsidiary of SPX Corporation. SPX and Radiodetection are trademarks of Radiodetection Ltd. and SPX Corporation. Due to a policy of continued development, we reserve the right to alter or amend any published specification without notice.

90/RD542-OPMAN-ENG/01