

## Radiodetection CAT<sup>3</sup> & Genny<sup>3</sup>

The Radiodetection CAT and Genny has become the industry standard pipe and cable avoidance tool. Recognised as the market leader, the CAT<sup>3</sup> provides performance, ruggedness and reliability, together with affordability and low cost of ownership. The CAT<sup>3</sup> is the latest in a line of continuous improvements and utilises the latest technologies to bring you the most advanced cable avoidance tool in the market place today.



### **AvoidanceScan™**

This new feature allows the user to sweep an area searching for Power, Radio and Genny signals simultaneously, dramatically speeding up pre dig survey times and encouraging the full use of all three modes reducing costs and improving safety.

### **StrikeAlert™**

Although work practices and guidelines insist power cables are buried below a certain depth, a common cause of cable strike is shallow cables. The StrikeAlert™ feature alerts the user to shallow power cables by flashing the ALERT icon on the display of the CAT<sup>3</sup>V or CAT<sup>3</sup>+

### **Locate Quality**

Cutting edge technology within the new CAT<sup>3</sup> ensures fastest possible processing of data. This has resulted in exceptionally fast sound and meter response, improved precision pinpointing together with a smoothness that puts the user in complete control.

### **Enhanced Signal Processing**

Latest and patented signal processing techniques have given the CAT<sup>3</sup> the ability to reject unwanted signals to a level never achieved before. This has optimised the CAT<sup>3</sup> for operation in the most demanding of environments such as congested sites and sites with overhead electrical cables.

### **Backlight**

Poor light conditions can lead to misread information from the meter. The auto switching backlight minimises these effects and allows the continued use of the CAT<sup>3</sup> into the night.

### **Pulse/Continuous Switch on Genny<sup>3</sup>**

This switch allows the user to select the setting to their individual preference and to optimise battery saving. The new Genny is compatible not only with all the different versions of 33kHz CAT<sup>3</sup> but also all previous versions of 33kHz CAT.

### **Real Sound**

"Real Sound" means the sound you hear is derived from the signal radiating from the cable or pipe. With very little experience this very important feature helps the user distinguish the signal from random background noise.

# CAT<sup>3</sup>.... SAFER.... FASTER.... EASIER TO USE

## A Full Range of Options

	CAT <sup>3</sup>	CAT <sup>3</sup> V	CAT <sup>3</sup> +
Power	•	•	•
Radio	•	•	•
AvoidanceScan™	•	•	•
Genny	•	•	•
Active Depth			•
StrikeAlert™		Optional	Optional
Meter with backlight		•	•



**Radiodetection**

## Technical Specification

<b>Size</b>	720 x 255 x 65 mm		
<b>Weight (approx.)</b>	2.2 Kilograms		
<b>Operating Modes</b>	<b>Frequency</b>	<b>Sensitivity @ 1M</b>	<b>Depth (M)</b>
Power	50Hz – 3.5KHz	7.5mA	3
Radio	15 – 30KHz	25µA	2
Genny 33Khz	33Khz ± 20Hz	5µA	3
AvoidanceScan™	P/R/G Combined	As Above	As Above
<b>Batteries</b>	2x LR20 (D) 1.5V Alkaline: 40 hours life nominal @ 20°C intermittent use		
<b>Operating Temperature</b>	-20°C to +50°C		



<b>Size</b>	280 x 175 x 210 mm		
<b>Weight (approx.)</b>	2.5 Kilograms		
<b>Operating Modes</b>	<b>Frequency</b>		
Induction	33KHz		
Connection	33KHz		
<b>Audio Indication</b>	Yes		
<b>Power Output</b>	0.1 Watts		
<b>Signal</b>	Pulsed at 7.5Hz Or 1.5Hz (33KHz)		
<b>Batteries</b>	4x LR20 1.5V: 30 hours life nominal @20°C intermittent use		
<b>Operating Temperature</b>	-20°C to +50°C		



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