

A. Typical Applications

Item	Parameter
Description	VM-550 dual frequencies locator
Uses	Pipes and cables locator

B. Receiver Assembly

Item	Parameter
Construction	<ul style="list-style-type: none"> - Carbon fiber reinforced antenna tube - High impact thermoplastic (ABS) injection molded housing
Weight	1.41lbs (0.64kg)
Dimensions	34.6in(L) x 3.1in(W) x 2.8in(H) (880mm x 80mm x 70mm)
Digital Display	Indicates polarity, signal level, battery condition and power signal warning
Piezo Speaker	Tone frequency increases or decreases with gradient field intensity.
Receiver Antennas	3 x ferrite antennas
Batteries	- 2 x AA (LR6) Alkaline batteries
Battery Life	- Alkaline – typically 20 hours continuous use at 70°F (21°C)
Controls	- Pushbutton keypad: On/Off/Speaker, sensitivity “+” and “-”, depth, frequencies select
Connectors	- 1 x mini USB socket for programming
Approvals	<ul style="list-style-type: none"> - Complies with European standard CE (Directive 99/5/EC) <ul style="list-style-type: none"> • EN 61000-6-4: 2007 • EN 61000-4-3: 2006 • EN 61000-4-2: 1995 A1 & A2 • EN 61000-4-8: 1994 A1 • ETSI EN 300 330-2: 2006 • ETSI EN 301 489-1: 2005 • ETSI EN 301 489-3: 2002 - Complies with FCC Rules Part 15 <ul style="list-style-type: none"> • CFR 47 part 2: 2004 • CFR 47 Part 15: 2006 • ANSI C63.4: 2003
Standard Accessories	<ul style="list-style-type: none"> - Soft carry bag - Quick guide

C. Operational

Item	Parameter
Configuration	<ul style="list-style-type: none"> - On/off/speaker <ul style="list-style-type: none"> • Short press to turn on • Short press toggles volume (On, Off) • Long press to turn off - Auto Time Off <ul style="list-style-type: none"> • Unit will shut down if no control button is touched for 15 mins. - “+” increases sensitivity - “-” decreases sensitivity - Depth button <ul style="list-style-type: none"> • Short press for depth measurement • Long press for frequencies selection
Operating Frequencies	Passive: 50Hz or 60Hz Active: 8kHz (8.19kHz), 83kHz (83.1kHz)

D. Environmental

Item	Parameter
Temperature Range	Operating: -4°F to 120°F (-20°C to 50°C) Storage: -40°F to 140°F (-40°C to 60°C)
Weather Proof	IP54 and NEMA 4
Shipping Weight	14.3lbs (6.5kg) (With transmitter) (estimation)
Shipping Dimension	3.6in(L) x 4.9in(W) x 37in(H) (85mm x 125mm x 940mm) (estimation)

E. Warranty

Item	Parameter
Warranty	12 months

F. Features

Item	Parameter
Enhanced Features	<ul style="list-style-type: none"> - Enhanced ergonomic design - Visual and audible output - Superior sensitivity over wide temperature range - Weather resistant - High rejection of power source interference - Lightweight - High-impact construction - Rugged - Compact - Screen invert

Disclaimer: Product and accessory specification and availability information is subject to change without prior notice.

<p>USA Vivax-Metrotech Corp. 3251 Olcott Street, Santa Clara, CA 95054, USA</p> <p>T/Free: +1-800-446-3392 Tel: +1-408-734-1400 Fax: +1-408-734-1415</p> <p>sales@vxmt.com www.vivax-metrotech.com</p>	<p>Canada Vivax Canada Inc. 400 Esna Park Drive, Unit 17, Markham, Ontario, L3R 3K2, Canada</p> <p>Tel: +1-289-846-3010 Fax: +1-905-752-0214</p> <p>CanadianSales@vxmt.com www.vivax-metrotech.com</p>	<p>Europe SebaKMT Seba Dynatronic Mess-und Ortungstechnik GmbH Dr.-Herbert-lann-Str. 6, 96148 Baunach, Germany</p> <p>Tel: +49-9544-680 Fax: +49-9544-2273</p> <p>service@sebakmt.com www.sebakmt.com</p>	<p>Australasia SebaKMT AUS Unit 1, 176 South Creek Road, Cromer NSW 2009, Australia</p> <p>Tel: +61-2-9972-9244 Fax: +61-2-9972-9433</p> <p>sales@sebakmtaus.com service@sebakmtaus.com www.sebakmtaus.com</p>	<p>China Leidi Utility Supply (Shanghai) Ltd. Rm405 3rd Building No. 641, Tianshan Rd, Shanghai, China 200336</p> <p>Tel: +86-21-5187-3880 Fax: +86-21-5168-5880</p> <p>info@leidi.cn www.leidi.com</p>
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