



**VIVAX**  
**METROTECH**

# Sondes

Technical Specifications V2.7



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## A. D18 Sonde

Specifications	Sonde	
	D18 Sonde with M10 Stud End Cap	D18 Sonde with Eyelet End Cap
<b>Model Number</b>	D18-33-SR44 Sonde with threaded end cap VX203-01	D18-33-SR44 Sonde with eyelet endcap VX203-05
<b>Description</b>	D18 Small Sonde, 32.8kHz	
<b>Construction</b>	POM ( <i>Polyoxymethylene</i> ) & Stainless steel	
<b>Weight</b>	0.13lbs (0.06kg)	
<b>Dimensions</b>		
<b>Battery</b>	2 x SR44 button cell batteries	
<b>Battery Life</b>	10-hours	
<b>Signal</b>	Continuous sine wave	
<b>Operating Frequency</b>	32.8kHz	
<b>Depth Range</b>	15-feet (4.5m)	
<b>Compatible with Receiver</b>	All receivers with matching frequencies	
<b>Environmental</b>	2 BAR (29PSI), 65.6ft (20m)	
<b>End Cap</b>	M10 x 12mm(0.47") Stud	Eyelet (2.90mm)
<b>Approvals</b>	CE/FCC	
<b>Manufacturing</b>	ISO9001: 2015	
<b>Temperature Range</b>	5°F to 131°F (-20°C to 55°C)	
<b>Warranty</b>	12 months (excluding batteries)	


## B. D22 Sonde

Specifications	Sonde	
	D22 9.8kHz Sonde	D22 83.1kHz Sonde
<b>Model Number</b>	D22-09-LR43 sonde VX203-15	D22-83-LR43 sonde VX203-16
<b>Description</b>	D22 Small Sonde, available in 9.8kHz or 83.1kHz frequency	




<b>Construction</b>	POM (Polyoxymethylene)	
<b>Weight</b>	5 oz. (140gm)	
<b>Dimensions</b>		
<b>Battery</b>	4 x LR43 Button cell batteries	
<b>Battery Life</b>	5-hours	
<b>Signal</b>	Continuous sine wave	
<b>Operating Frequency</b>	9.8kHz	83.1kHz
<b>Depth Range</b>	8-feet (2.4m)	
<b>Compatible with Receiver</b>	All receivers with matching frequencies	
<b>Environmental</b>	2 BAR (29PSI), 65.6ft (20m)	
<b>Thread</b>	¼-20 UNC female thread and M12 female thread	
<b>End Cap</b>	¼-20 UNC female threads 	M12 female threads 
<b>Approvals</b>	CE/FCC	
<b>Manufacturing</b>	ISO9001: 2015	
<b>Temperature Range</b>	-4°F to 122°F (-20°C to 50°C)	
<b>Warranty</b>	12 months (excluding batteries)	

## C. D23 Flexible Sonde

Sonde Specifications	D23 512Hz Sonde	D23 640Hz Sonde
<b>Model Number</b>	D23F-512-AA Sonde VX203-03	D23F-640-AA Sonde VX203-04
<b>Description</b>	D23 Flexible Sonde available in 512Hz or 640Hz	
<b>Construction</b>	<ul style="list-style-type: none"> <li>POM (Polyoxymethylene) &amp; Stainless Steel</li> <li>In three interconnected sections</li> </ul>	
<b>Weight</b>	0.95lbs (0.43kg)	




<b>Dimensions</b>		
<b>Battery</b>	1 x AA alkaline battery (LR6)	
<b>Battery Life</b>	12-hours	
<b>Signal</b>	Continuous sine wave	
<b>Operating Frequency</b>	512Hz	640Hz
<b>Depth Range</b>	22-feet (7m)	
<b>Compatible with Receiver</b>	All receivers with matching frequencies	
<b>Environmental</b>	2 BAR (29PSI), 65.6ft (20m)	
<b>End Cap</b>	M10 x 12mm (0.47") Stud	
<b>Approvals</b>	CE/FCC	
<b>Manufacturing</b>	ISO9001: 2015	
<b>Temperature Range</b>	5°F to 185°F (-20°C to 85°C)	
<b>Warranty</b>	12 months (excluding batteries)	

## D. D38 Sonde

Sonde Specifications	D38 9.82kHz Sonde	D38 33kHz Sonde	D38 83.1kHz Sonde
<b>Model Number</b>	D38-09-AA sonde VX203-17	D38-33-AA Sonde VX203-18	D38-83-AA Sonde VX203-19
<b>Description</b>	D38 Standard Sonde available in 9.8kHz, 32.8kHz or 83.1kHz		
<b>Construction</b>	POM (Polyoxymethylene)		
<b>Weight</b>	0.31lbs (0.14kg)		
<b>Dimensions</b>			
<b>Battery</b>	1 x AA alkaline battery		
<b>Battery Life</b>	20-hours		
<b>Signal</b>	Continuous sine wave		

<b>Operating Frequency</b>	9.8kHz	32.8kHz	83.1kHz
<b>Color Code</b>	Orange identifying band	Yellow identifying band	Red identifying band
<b>Depth Range</b>	16-feet (5m)		
<b>Compatible with Receiver</b>	All receivers with matching frequencies		
<b>Environmental</b>	2 BAR (29PSI), 65.6ft (20m)		
<b>End Cap</b>	M10 x 9mm (0.35") Stud		
<b>Approvals</b>	CE/FCC		
<b>Manufacturing</b>	ISO9001: 2015		
<b>Temperature Range</b>	-4°F to 122°F (-20°C to 50°C)		
<b>Warranty</b>	12 months (excluding batteries)		

## E. D64 Sonde

Sonde Specifications	D64 9.8kHz Sonde	D64 32.8kHz Sonde	D64 83.1kHz Sonde
<b>Model Number</b>	D64-09-LR61 sonde VX203-20	D64-33-LR61 Sonde VX203-21	D64-83-LR61 sonde VX203-22
<b>Description</b>	D64 Sewer Sonde available in 9.8kHz, 32.8kHz or 83.1kHz		
<b>Construction</b>	POM (Polyoxymethylene)		
<b>Weight</b>	0.72lbs (0.27kg)		
<b>Dimensions</b>			
<b>Battery</b>	1 x 9V Alkaline (6LR61)		
<b>Battery Life</b>	15-hours		
<b>Signal</b>	Continuous sine wave		
<b>Operating Frequency</b>	9.8kHz	32.8kHz	83.1kHz
<b>Color Code</b>	Orange identifying band	Yellow identifying band	Red identifying band
<b>Depth Range</b>	26-feet (8m)		

<b>Compatible with Receiver</b>	All receivers with matching frequencies
<b>Environmental</b>	2 BAR (29 PSI), 20m (65.6-ft)
<b>End Cap</b>	M10 x 9mm (0.35") Stud
<b>Approvals</b>	CE/FCC
<b>Manufacturing</b>	ISO9001: 2015
<b>Temperature Range</b>	-4°F to 122°F (-20°C to 50°C)
<b>Warranty</b>	12 months (excluding batteries)

**Disclaimer:** Specifications and availability information are subject to change without prior notice.