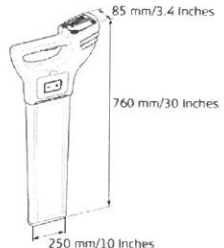
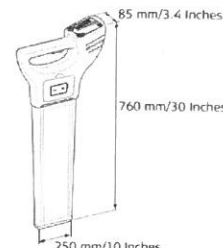


DD120, D130 locator Technical Data;

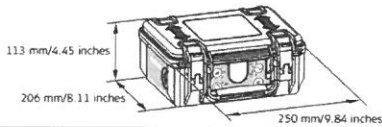
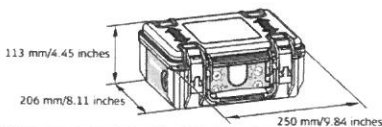
Mode	DD120	DD130
Power	50Hz model or 60Hz model	50Hz model or 60Hz model
Radio	15kHz to 60kHz	15kHz to 60kHz
Auto	Power, Radio	Power, Radio,
Transmitter Modes	32.768 (33) kHz 8.192 (8) kHz	32.768 (33) kHz 8.192 (8) kHz 512 Hz 640 Hz
Depth Range*	Line 0.3m to 3m / 1ft to 10ft	Line 0.3m to 3m / 1 ft to 10ft
	Sonde 0.3m to 3m / 1ft to 10ft	Sonde 0.3m to 9.99m / 1 ft to 32.77ft
Depth Accuracy	10%	10%
Protection	IP54	IP54
Operating Temperature	-20 °C to +50 °C / -4 °F to +122°F	-20 °C to +50 °C / -4 °F to +122°F
Storage temperature	-40°C to +70°C / -40°F to +158°F	-40°C to +70°C / -40°F to +158°F
Battery	6 X LR6 (AA) Alkaline	6 X LR6 (AA) Alkaline
Battery operating time ***	15 h	15 h
Dimensions (HxWxD)	760 x 250 x 85mm (30 x 10 x 3.4 inches) 	760 x 250 x 85mm (30 x 10 x 3.4 inches) 
Weight with batteries	2.7Kg 6 lbs	2.7Kg 6 lbs

*** Constant use at 20°C/68°F

Detection Range

Mode	Detection Range
Power	to 3 m / 10 ft
Radio	to 2 m / 7ft
Auto	to 3 m / 10 ft
Transmitter Modes	Dependent on transmitter and utility type

DA Signal Transmitter Technical Data;

	DA 220	DA 230
Induction Mode Frequencies	32.768 (33) kHz 8.192 (8) kHz	32.768 (33) kHz 8.192 (8) kHz
Induction Mode Power Output	Up to 1 Watt max.	Up to 1 Watt max.
Direct Connection Mode Frequencies	131.072 (131) kHz 32.768 (33) kHz 8.192 (8) kHz	131.072 (131) kHz 32.768 (33) kHz 8.192 (8) kHz 512 Hz 640 Hz
Connection Mode Power Output*		
1 Watt Model	Up to 1 Watt max.	Up to 1 Watt max.
3 Watt Model	Up to 3 Watt max.	Up to 3 Watt max.
Protection	IP67	IP67
Operating Temperature	-20 °C to +50 °C / -4 °F to +122°F	- 20 °C to +50 °C / -4 °F to +122°F
Storage temperature	-40°C to +70°C / -40°F to +158°F	-40°C to +70°C / -40°F to +158°F
Battery	7.4V Li – Ion	7.4V Li – Ion
Battery operating time **	15 h	15 h
Dimensions	250 x 206 x 113 mm (9.84 x 8.11 x 4.45 inches) 	250 x 206 x 113 mm (9.84 x 8.11 x 4.45 inches) 
Box Contents	Locator, Li Ion Battery, 12v Vehicle Charger, Manuals	Locator, Li Ion Battery, 12v Vehicle Charger, Manuals
Weight with batteries	2.38Kg 5.25 lbs	2.38Kg 5.25 lbs
Boxed Dimension (Length/Width/Height)	L 255 x W 220 x H 210mm	L 255 x W 220 x H 210mm
Boxed Weight	3.58Kg 7.9 lbs	3.58Kg 7.9 lbs

* Utility impedance of 300 Ohms

**Defined at 20°C (77°F) power level 2

Accessories

Accessories are used with the locator and transmitter to localise the position of utilities, including some that are non-metallic.

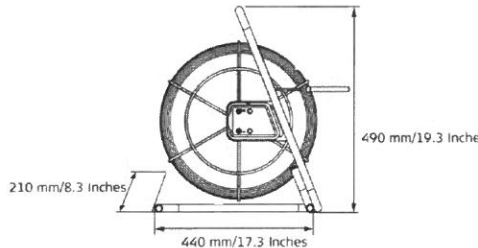
Trace rods



The Trace Rod is used in conjunction with the DA Signal Transmitter to trace the route of non metallic drains, ducts or pipes. The trace rod is connected to the DA Signal Transmitter and pushed along the utility under investigation, the DD Locator is used to trace the route of buried utility.

EAN No.	Article No.	Description	Replaces	Description
7640110697221	850278	Trace Rod 50	796702 796703	Digitrace 30 Digitrace 50
7640110697238	850279	Trace Rod 80	796704	Digitrace 80

Trace Rod Technical Data

	Trace Rod 50, Trace Rod 80
Typical detection range	Both modes, line and sonde: Typical 3.0 m/10 ft
Tracing distance	50 m/165 ft; 80 m/263 ft (maximum). Reel length dependant.
Operating transmission frequencies	Operating transmission frequencies
Dimensions	440 x 210 x 490 mm (17.3 x 8.3 x 19.3 inches)  Sonde diameter 8mm (0.35 inches), rod diameter 6mm (0.25 inches)
Weight	50 m: 4 kg/8.8 lbs 80 m: 4.7 kg/10.4 lbs

Note

Digitrace 30 is phased out with immediate effect.

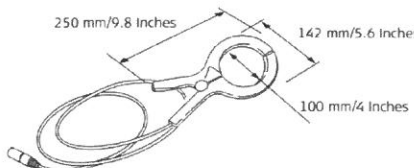
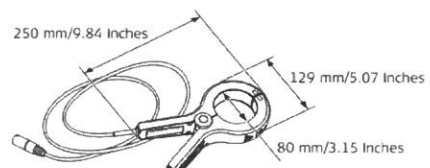
Transmitter Clamps



The Transmitter clamp is used in conjunction with the DA Signal Transmitter to apply a trace signal to utilities such as telecom cables, power cables and pipes. The DD Locator is then used to trace the route of the buried utility.

EAN No.	Article No.	Description	Replaces	Description
7640110697245	850280	100mm (4") Transmitter clamp	731056	Sig Clamp 33kHz
7640110697252	850281	80mm (3.15") Transmitter clamp	813369	Multiclamp

Transmitter Clamp Technical Data

	100mm (4") Transmitter clamp	80mm (3.15") Transmitter clamp
Operating frequencies	33kHz	256Hz to 200kHz
Dimensions		
Weight	0.354 kg / 0.76 lbs	0.82kg / 1.8lbs
Protection	IP54	IP54

Property Plug Connector



The Property Plug Connector is used in conjunction with the DA Signal Transmitter to apply a trace signal to a residential electrical supply. The DD Locator is then used to trace the route of buried utility. Operating frequency 33kHz.

EAN No.	Article No.	Description	Replaces	Description
7640110697269	850282	Property Plug Connector - UK	731666	Prop Con Set - UK
7640110697276	850283	Property Plug connector - Eu	731668	Prop Con Set - Eu
7640110697283	850284	Property Plug connector - US	731667	Prop Con Set - US
7640110697290	850285	Property Plug connector - Ch	731669	Prop Con Set - CH
7640110697306	850286	Property Plug connector - Aus	731670	Prop Con Set - Aus

Property Plug Technical Data

Property Plug Connector	
Operating frequencies	33kHz
Dimensions	
Weight	0.15 kg / 0.3 lbs
Protection	IP54 (Domestic use)

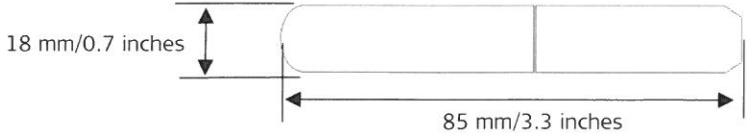
Mini Sonde



Mini Sonde is used to trace drains, sewers and other non-conductive utilities.

EAN No.	Article No.	Description	Replaces	Description
7640110697320	850288	Mini Sonde 33		New product line

Mini Sonde Technical Data

	Mini Sonde
Operating frequencies	33kHz
Typical Detection Range	10 meters (33ft).
Batteries	1 x 3.6v battery (LS14250)
Operating time	20 hrs continuous use at 20°C / 68°F
Dimensions	85mm/3.3inches x 18mm/0.7" diameter 
Thread connection	Flexible M12 female thread.
Protection	Fully submersible

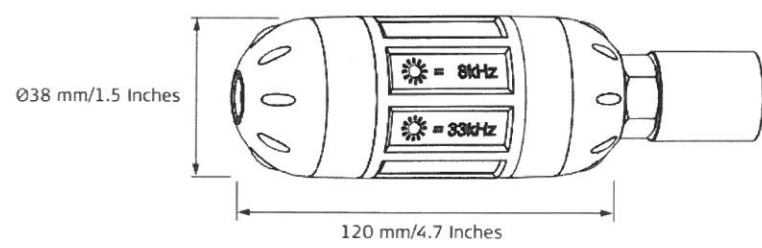
Midi Sonde 8/33



Midi Sonde is used to trace drains, sewers and other non-conductive utilities.

EAN No.	Article No.	Description	Replaces	Description
7640110697337	850289	Midi Sonde 8/33	731053	Digimouse

Midi Sonde Technical Data

	Midi Sonde
Operating frequencies	8kHz or 33kHz
Typical Detection Range	5 meters (16ft).
Batteries	1 x LR6 (AA) Alkaline battery
Operating time	40 hrs intermittent use at 20°C / 68°F; in 8 kHz mode or 33 kHz mode
Dimensions	120mm /4.7 inches x diameter 38 mm 1.5 inches  <p>The drawing shows a cylindrical device with a diameter of 38 mm (1.5 inches) and a length of 120 mm (4.7 inches). It features two frequency selection buttons labeled '8kHz' and '33kHz'. A threaded connector is visible on the right side.</p>
Weight	0.18 kg / 0.4 lbs
Thread connection	M10 male thread with M10 female adapter or M10 female to 3/4 Drain Rod (Whitworth 7 TPI).
Protection	Fully submersible

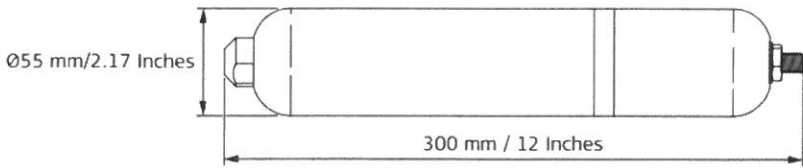
Maxi Sonde 8/33



Maxi Sonde is used to trace drains, sewers and other non-conductive utilities. Maxi sonde is 55mm (2.17") in diameter and has a M10 male thread and additional female adapter that can be attached to a range of equipment including drain rods, boring tools and inspection cameras. Powered by 3 x AA alkaline battery, with a working depth range of 12 meters (39.4ft). Operates at 8kHz or 33kHz

EAN No.	Article No.	Description	Replaces	Description
7640110697344	850290	Maxi Sonde 8/33	813368	Maxi Sonde

Maxi Sonde Technical Data

Maxi Sonde	
Operating frequencies	8kHz or 33kHz
Typical Detection Range	12 m/39 ft
Batteries	1 x LR6 (AA) Alkaline battery
Operating time	10 hours continuous use at 20°C/68°F
Dimensions	300 mm/12 inches, diameter 55 mm/2.17 inches 
Weight	0.83 kg / 1.18 lbs
Thread connection	M10 male thread with M10 female adapter or M10 female to 3/4 Drain Rod (Whitworth 7 TPI).
Protection	Fully submersible