

TrackDyne SubVox Diver



Diver Wireless Telephone Unit

Technical Specifications

PARAMETER	VALUE
Dimensions (l × w × h, incl. transducer)	106 × 95 × 55 mm
Weight (dry)	0.6 kg
Max. operating depth	100 m
Max. acoustic range	1 000 m
Acoustic source level	150 dB re 1 µPa @ 1 m
Voice bandwidth	300 – 4 300 Hz
Number of channels	8
Battery life (RX mode)	Up to 20 h
Battery life (20% TX / 80% RX)	Up to 8 h
Battery life (50% TX / 50% RX)	Up to 2.5 h
Built-in battery	LiFeP04, 28 Wh, up to 3 000 cycles
Channel switching	Via connector and cable, using a PC
Body material	Polyurethane
Navigation signal carrier	20 050 Hz
Navigation signal modulation	BPSK
Navigation signal duration	200 ms
Working temperature	0 ... +50 °C

Frequency Channels & Band Plan

CH	CARRIER (Hz)	SIDE BAND	BANDWIDTH (Hz)
1	32 768	Lower	28 468 – 32 468
2	32 768	Upper	33 068 – 37 068
3	31 250	Lower	26 950 – 30 950
4	31 250	Upper	31 550 – 35 550
5	28 500	Lower	24 200 – 28 200
6	28 500	Upper	28 800 – 32 800
7	25 000	Lower	20 700 – 24 700
8	25 000	Upper	25 300 – 29 300