

Technical data sheet

FERROPHON[®] EL

Device data	
Dimensions (W x D x H)	125 × 180 × 65 mm
Weight	1.0 kg
Material	LEXAN [®] polycarbonate

Certificates	
Certificate	CE

Device elements	
Display	specific to SEWERIN, segmented, LED backlighting, dimensions 95 x 65 mm
Interface	SEWERIN service interface (internal, RS-232)
Processor	24 bit DSP / MITSUBISHI μ C
Operation	membrane keypad with 6 keys

Operating conditions	
Operating temperature	-10 °C – +40 °C
Storage temperature	-25 °C – +70 °C
Humidity	95 % r.h., non-condensing
Atmospheric pressure	900 – 1300 hPa
Protection rating	IP65
Permitted operating environments	in air
Non-permitted operating environments	in potentially explosive areas

Power supply	
Power supply	integrated NiMH battery
Operating time, typical	12 h
Operating voltage	7.2 V
Charging time	4 h
Charging temperature	0 – 40 °C
Charging voltage	12 V
Charging current	typically 1.0 A
Charger	LD10-1000x
Nominal capacity	2700 mAh

Data logging	
Filter	BP 10 Hz (narrow band) and BP 100 Hz (broadband) as well as BP 5 kHz for VLF
Sampling rate	14.4 kHz

Locating	
Receiving frequency	A = 41666 Hz B = 9950 Hz C = 1100 Hz 50/60 Hz 100 Hz Radio (15 – 25 kHz) optional: up to 5 special frequencies depends on probes
Location depth	max. 8.00 m (use with A3-S)

Additional data	
Attachment option	carrying system triangle or carrying system cross belt
Transport	different system cases, depending on system configuration

Assignment	
System components of	FERROPHON system
For use with	A3-S, FS3, SK3 and K3 headphones

106788 – 06-06-2012 – Subject to technical changes.