

Technical data sheet

AQUAPHON® AF 100

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 µC
Operation	membrane keypad with 8 keys / microphone key

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	max. 45 °C
Charging voltage	12 V
Charging current	typically 1.0 A
Charger	LD10-1000x
Nominal capacity	2700 mAh

Data logging	
Filter	freely adjustable in 50, 500 and 1000 Hz increments minimum bandwidth 300 Hz
Sampling rate	42 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

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

Assignment	
System components of	AQUAPHON system
For use with	T-4, BO-4, 3P-4, EM 30, A3-S and K3 headphones

106790 – 06-06-2012 – Subject to technical changes.