



AQUAPHON[®] AF 100

Device data

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

Certificates

Certificate	CE
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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 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
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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