



RT 200

Device data

Dimensions (W × D × H)	115 × 115 × 68 mm 115 × 115 × 244 mm with aerial
Weight	430 g (with aerial)
Material	polycarbonate (housing)
Product variants	country-specific

Certificates

Certificate	FCC, CE, IC
Marking	everywhere apart from USA: Contains: 70TX-D2 only USA: Contains: 70TX-D, FCC-ID:PUX70TX-D

Device elements

Signal light	1 LED red/green for operating status 3 LEDs green for filter
Interface	internal (USB)
Processor	DSP 16 bit / 120 MHz
Operation	membrane keypad

Operating conditions

Operating temperature	-20 – 60 °C
Storage temperature	-25 – 50 °C (briefly 60 °C)
Humidity	15 – 90% r.h. non-condensing
Protection rating	IP65 IP67 with aerial
Non-permitted operating environments	in potentially explosive areas

Power supply

Power supply	lithium ion battery (rechargeable) [1357-0002], built-in
Operating time, minimum	> 8 h (23 °C)
Battery power	24 Wh
Charging time	< 6 h
Charging temperature	0 – 45 °C
Charging voltage	12 V
Charging current	1.2 A
Charger	AC/DC adapter L (charge in case)

Measurement

Filter	<ul style="list-style-type: none"> • 3 bandpasses: 0 – 500 Hz, 0 – 4000 Hz, 200 – 4000 Hz • Notch filter
Sampling rate	16 bit, 48 kHz
Measurement ranges	0 – 1 Vrms
Sensitivity	automatic amplification: 163 levels (-17.25 – 89 dB)

Data transmission

Transmission frequency	<ul style="list-style-type: none"> • international: 433,9 /434,4 MHz • France: 444,5500 /444,9875 MHz • UK: 458,5125 /458,7875 MHz • USA: 468,5 /469,6 MHz
Radio range	> 500 m
Transmission bandwidth	5 kHz <ul style="list-style-type: none"> • 0 – 4 kHz: NF • 4 – 5 kHz: Control signals
Communication	analogue
Power	500 mW

Positioning GNSS (GPS, Galileo, GLONASS)

Accuracy	2.5 m CEP, 50 %
Aerial	integrated

Additional data

Shipping instructions	UN 3481: lithium ion batteries contained in equipment or lithium ion batteries packed with equipment net weight of battery/batteries: 0.098 kg
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Assignment

System components of	SeCorr system, SeCorrPhon system
For use with	universal microphone UM 200, hydrophone HY 200