

RT 200

Technical data sheet

Device data	
Dimensions (W x D x H)	115 x 115 x 68 mm 115 x 115 x 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 °C – +60 °C
Storage temperature	-25 °C – +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 °C – +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

GPS	
Accuracy	2.5 m CEP
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

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

Subject to technical changes.