



## Consultix MRX-Pro CW Receivers

Field-ready RF Receiver with High-end Performance



### ULTRA PORTABLE

Frequency: 200 MHz to 3900 MHz  
Weight: < 600 gm  
Built-in Battery: > 90 Minutes

Consultix Ultra Portable CW Receivers are the ideal tool for performing outdoor propagation model tuning, indoor model calibration, coverage verification walk tests and DAS injection tests on up to ten different frequencies at the same time in indoor mode.

You no longer have to carry a heavy backpack, a complex scanner or a laptop while CW testing. The MRX-Pro along with Consultix WalkView App allow you to conduct all the measurements, geo-tag or map them to the floor plan then export them to your radio design software of choice... all from the comfort of your tablet.

### Superior RF

- Frequency Range: 200 MHz to 3900 MHz
- Amplitude Accuracy:  $\pm 1$  dB
- 40- $\lambda$  Lee Criteria Support: 600 samples/second
- Multi-Channel Scanning up to 10 Channels Indoor

### WalkView Software

- Indoor and Outdoor Android versions
- Outdoor PC version with NMEA GPS support
- Supports Wide Range of Maps and Floors
- Format compatible with ASSET, Atoll, Planet, iBwave, Mapinfo etc.



<b>Specifications</b>	
Frequency Bands	200 MHz to 3.9 GHz
Simultaneous Channels	Up to 10 Channels Indoor (1 Channel Outdoor)
Frequency Step	100 KHz
IF Bandwidth	20 KHz
Internal Frequency Accuracy	2 ppm
Displayed Average Noise Level	-127 dBm (200 to 3000 MHz) -122 dBm (3000 to 3900 MHz)
Maximum Input Power	-45 dBm
Level Measurement Accuracy	±1 dB (typ. ±0.5 dB) (95 % Confidence Level, +20 °C to +30 °C, SNR > 16 dB)
Measurement Speed	600 Samples per Second (Available in Raw Data Files)
Data Averaging	40 Lambda Average (Available in Exported Averaged Data File)
Interfaces	2 x 50 Ohm SMA Female, USB and DC Socket
<b>Battery and Power Supply</b>	
Battery	Li-Po, 1700 mAh
AC Charger	Input: 100-240 VAC, 50-60 Hz Output: 12 VDC, 2 A
Battery Time	90 Minutes @ Continuous Operation (Car Charger Available for Extended Drive Testing)
<b>Physical</b>	
Enclosure	Industrial, Water and Dust Tight Extruded Aluminum with Silicone Boot Protectors
External Dimensions	140 x 87 x 53 mm
Weight (incl. Battery)	600 gm
Operating Temperature	-10 to +40 °C
Humidity	>95%
Standard Accessories	AC Charger, USB Cable, Calibration Certificate and User Manual

<b>Ordering Information</b>	
Pocket Receiver; 200 MHz to 3000 MHz	MRX-Pro
Pocket Receiver; 200 MHz to 3000 MHz (Dual-Port)	MRX-Pro-2
Additional Simultaneous Scanning Channel (Outdoor Mode)	MRX-Pro-1CH
Frequency Range License: 3000 MHz to 3900 MHz	MRX-Pro-K39
Software license for WRX and MRX Receivers Family; In-building/Outdoor Result Capturing, Mapping, Archiving and Exporting	WalkView
Ruggedized Carrying Case	RX-HardCase
Cellular Omnidirectional Whip Antenna; 698MHz ~ 960MHz & 1.71GHz ~ 2.69GHz	RX-34-CA0
Multi-band Car Mount Antenna (698-3500MHz)	MRX-34-CM1
Car Charger	MRX-34-CC

**Find us:**

Building 57A, 2nd district, 6th area, El-Teseen st.11835, New Cairo, Egypt.  
+2 02 25647370 info@consultixwireless.com