



Consultix CellWizard™ CW Receivers Family

Take Your Measurements Anywhere



ULTRA PORTABLE

300 MHz to 3900 MHz
Weight: < 200 gm
Built-in Battery: > 3.5 Hours

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

You no longer have to carry a heavy backpack, a complex scanner or a laptop while CW testing. The CellWizard™ 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: 300 MHz to 3900 MHz
- Amplitude Accuracy: ± 1 dB
- 40- λ lee Criteria Support: 2000 samples/second
- Multi-Channel Scanning up to 4 Channels

WalkView Software

- PC and Android Versions
- Supports a Wide Range of Map and Floor-Plan Formats
- Compatibility with IBwave, Ranplan, MapInfo, Asset, etc.
- Indoor and Outdoor Modes with GPS Support



Specifications	WRX-33-B	MRX-34-C	MRX-34-D
Frequency Bands	Wide-band Models: 300 MHz to 3 GHz		300 MHz to 3.9 GHz
Scanned Channels	Up to 4 Channels		Up to 10 Channels
Frequency Step	100 KHz		
IF Bandwidth	100 KHz. (Optional 50 KHz)		
Level Range	-110 to -40 dBm (300 to 1800 MHz) -105 to -40 dBm (1800 to 2500 MHz) -100 to -40 dBm (2500 to 3000 MHz) -100 to -40 dBm : 3000 to 3900 MHz (MRX-34-D Model Only)		-120 to -40 dBm
Power Meter Mode	Up to 1 Watt	N.A.	
Internal Frequency Accuracy	2 ppm		
Level Measurement Accuracy	±1 dB (typ. ±0.5 dB) (98 % Confidence Level, +20 °C to +30 °C, SNR > 16 dB)		
Adjacent Channel Rejection	-35 dBc		
Measurement Speed	2000 Samples per Second		
Internal Logger Capacity (At Rate of 1 log/s)	>7 Hours (4 ch.), 30 Hours (1 ch.)	N.A.	
RF Interface	50 ohm SMA Female		
PC Interface	1 x USB	2 x USB	1 x USB
Battery and Power Supply			
Battery	Li-Po, 2200mAh	N.A.	Li-Po, 2200mAh
AC Charger	Input: 100-240 VAC, 50-60 Hz Output: 12 VDC, 2A	N.A.	Input: 100-240 VAC, 50-60 Hz Output: 12 VDC, 2A
Battery Time @ Continuous Operation	>3 Hours	N.A.	>3.5 Hours
Physical			
Enclosure	Industrial, Water and Dust Tight Aluminum	Extruded Aluminum	
External Dimensions	179 x 80 x 43 mm	80 x 45 x 19 mm	110 x 64 x 24 mm
Weight (incl. Battery)	<700 gm	<220 gm	<220 gm
Operating Temperature	-10 to +40 °C		
Humidity	>95%		
Certifications	CE		
Standard Accessories	AC Charger, USB Cable, Calibration Certificate and User Manual	2 x USB Cable, Calibration Certificate and User Manual	AC Charger, USB Cable, Calibration Certificate and User Manual

Ordering Information	
Pocket Receiver; 300 MHz to 3000 MHz, 4 Channel Scanning & Internal Battery	MRX-34-D4
Frequency Range License: 3000 MHz to 3900 MHz	MRX-34-D4-K39
Pocket Receiver; 300 MHz to 3000 MHz, 4 Channel Scanning	MRX-34-C4
Pocket Receiver; 300 MHz to 3000 MHz, 4 Channel Scanning (Dual-Port)	MRX-34-C4-2
Handheld Receiver; 300 MHz to 3000 MHz, 4 Channel Scanning & Internal Logger	WRX-33-B4
Power Meter Mode for WRX Receivers (Including Miniature Attenuator)	WRX-33-K-PM
Software license for WRX and MRX Receivers Family; In-building/Outdoor Result Capturing, Mapping, Archiving and Exporting	WalkView
Ruggedized Carrying Case	RX-HardCase
Shoulder Soft Holder for MRX Receivers	MRX-34-SH
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-33-CC

Find us:

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