



Consultix CellWizard™ CW Receivers Family

Take Your Measurements Anywhere



ULTRA PORTABLE

150 MHz to 4000 MHz
Weight: < 200 gm
Built-in Battery: > 3.5 Hours

Consultix ultra-portable CW receivers are ideal for walk-test applications. Whether they are used for pre-build site survey, model calibration, DAS testing or post-build coverage mapping, you are covered. The receiver is operated by the company's WALKVIEW™ data collection software to automatically test & scan multiple CW signals via a very simple and intuitive user interface.

You no longer have to carry a heavy backpack, a complex scanner or a laptop when performing CW testing. The CellWizard™ CW receivers together with their WalkView™ android App allow you to view live measurements of multiple channels simultaneously, draw RSSI levels on floor maps or export all data samples to your radio design software of choice... all from the comfort of your tablet.

RF Performance

- Frequency Range: 150 MHz to 4000 MHz
- Amplitude Accuracy: ± 1 dB
- 200 samples/second
- Indoor scanning up to 10 Channels

Walkview Software

- Supports Android OS
- Displays live measurements or draws them on floor maps
- Imports a wide range of floor-map formats
- Exports measurements to iBwave, Ranplan, MapInfo etc.



Specifications	WRX-33-B	MRX-34-C	MRX-34-D
Frequency Bands	Wide-band Models: 300 MHz to 3 GHz		300 to 3000 MHz (Optional 150 to 4000 MHz)
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)		-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	200 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%		
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, 10 Channel Scanning. Incl. built-in Battery	MRX-34-D4
Frequency Range License: 3000 MHz to 4000 MHz	MRX-34-D4-K40
Frequency range upgrade from 150 MHz to 300 MHz (for MRX-34-D4 receiver)	MRX-34-D4-Kv
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
Android Walkview License; CW walk-test viewing, mapping and exporting. (Up to 10 channels)	WalkView Android-Indoor
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

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