

WOLF™

NEW



Multi-Band Signal Meter

Wolf™ is a wireless multi-band signal meter system that works with the iPAQ® PocketPC® in sweeping, analyzing and optimizing indoor and outdoor wireless networks. The receiver measures both Cellular 868-896 MHz and PCS 1930-1990 MHz demodulating both bands and delivering vital wireless data. Measurements include full spectrum sweep, channel comparisons, best servers, adjacent channels and more. Wolf™ allows those familiar with the iPAQ's PocketPC® interface a unique advantage over "software only" products currently available because Wolf™ functions

as a complete indoor analysis system combining the ubiquitous PocketPC® environment along with Berkeley's precision receiver technology.



iPAQ 2415



Berkeley's custom, calibrated receiver demodulates and displays both PCS and Cellular frequency bands in true dBm

Choose the supplied HP iPAQ interface or supply your own.

FEATURES:

- Display and log data from 2 frequency bands
- Multi-band switchable CW receiver (Cellular and PCS) (custom frequencies also available)
- Measures RSSI in true dBm with a calibrated receiver
- Single channel analysis with instant zoom in/out capability
- Spectrum features include Peak Search and Peak Hold with 3 traces
- Replay, marker and snapshot feature
- Removable HP iPAQ® PocketPC® PDA interface
- Connection (Hot Sync) to a PC via IRDA or USB
- Removable battery power (4 AA Ni-MH cells)
- Wolf-Pack™ Indoor/Outdoor Mapping Software included

Wolf Measurements:

- ✓ Full Spectrum Sweep
- ✓ Scan Table
- ✓ Channel/Compare
- ✓ Adjacent Channel
- ✓ Best Servers
- ✓ Set RSSI Thresholds
- ✓ Single-Channel



Wolf Receiver System includes a carrying case, stylus, ac adaptor, 8 AA Ni-MH batteries, fast-charger, USB cradle and iPAQ PDA with expansion pack sled.

The Wolf is just one of many exceptional design solutions from Berkeley Varitronics. Call us today for more information: (732) 548-3737 / Fax: (732) 548-3404 Internet: www.bvsystems.com E-mail: info@bvsystems.com

wireless products **BERKELEY VARITRONICS SYSTEMS**



Multi-Band Signal Meter

BANDS SUPPORTED

Cellular: 868-896 MHz
PCS: Downlink (Blocks A through F) 1930-1990 MHz

SENSITIVITY

-118 to -30 dB ± 1 dB

Adj. Chan. Rejection:

>45 dB @ 30 kHz

RECEIVER MODES

Single Channel
Multiple Channel (user selectable or sweep)

GENERAL SPECIFICATIONS

Dual Conversion: 83 MHz first IF, 455 kHz second IF
IF Bandwidth: 30 kHz (Cellular) 50 kHz (PCS)
Stability: ± 2.5 PPM Temp range 32° to 120 F°
Phase Noise: > 80 DBC @ 1 kHz
Antenna: SMA Female 50 ohm
Controls: iPAQ PocketPC
Warm Up Time: < 3 minutes
Power: Internal battery power (4 AA Ni-MH batteries in receiver)
Weight: 3 lbs.
Dimensions: 2" H x 4" W x 6" L (water resistant, high impact ABS plastic case)



Wolf™ output data supports Microsoft Excel spreadsheets as well as the included Wolf-Pack™ Real-time Indoor/Outdoor Mapping solution on iPAQ PocketPC®. No GPS required.



Wolf™ Receiver System includes all of the following:

- Wolf calibrated receiver
- Wolf Software
- Wolf-Pack Mapping Software
- HP iPAQ PDA PocketPC
- iPAQ charger/cradle
- Wolf/iPAQ expansion pack
- 3 dBi small SMA antenna
- 8 Ni-MH batteries
- Ni-MH fast charger
- Backup CF Installer

Optional:
Direction Finding Antenna