

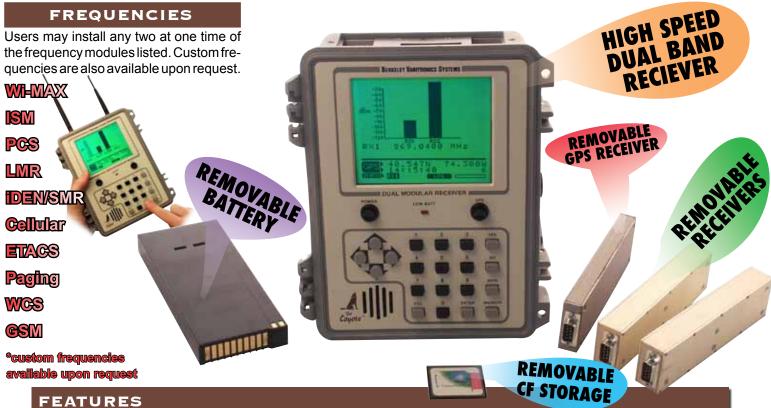


Rua Rodrigues Barbosa, 72 - Tatuapé - São Paulo - SP - CEP: 03334-040 Fones: (11) 2843-4418 - (11) 3713-3866 - (11) 7726-4306 Email: contato@powertronics.com.br Site: www.powertronics.com.br



# **ODULAR RECEIVER**

**CONTINE** is a high performance, modular receiver system providing two unique and independent RSSI measurements using precision dual receivers. Coyote™ is designed from the ground up to provide hot-swappable components including removable/rechargeable Li-Ion battery. Compact Flash™ storage, removable 12-channel GPS receiver module and two removable receiver modules. Optional, GPS-based TOTGERSTOT™ mapping software makes Coyote™ the most comprehensive receiver system available to engineers today.



- Multiple bands supported including Wi-MAX, Cellular, GSM, LMR, PCS, ISM, WCS, and more
- Dual modular receivers allow users to swap various bands while in the field
- High measurement rate, more than twice that of Dr. Lee's recommended 40 λ
- Removable 12-channel/12 satellite GPS modular receiver with active antenna
- Removable rechargeable Li-Ion battery system found on standard PC laptops
- Removable Compact Flash (64MB card included) memory system for data storage
- Captured data output via USB and serial ports for connectivity to any PC
- Optional Dead Reckoning software for use with TravelPilot® DX-V and EX-V models
- Optional GPS-based mapping TOTERS GT™ PC software
- Weighs only 7 pounds fully loaded







## **ULAR RECEIVER**

#### **BANDS SUPPORTED**

Wi-MAX: 700 MHz (several bands)

> 2.5-2.7 GHz 3.400-3.550 GHz 3.550-3.700 GHz

5 GHz

AWS: 2110-2170 MHz ISM: 900-930 MHz

2.400-2.485 GHz WCS: 2.30-2.36 GHz

2.3 - 2.4 GHz

PCS: Uplink (Blocks A through F) 1850-1910 MHz

Downlink (Blocks A through F) 1930-1995 MHz

LMR: 805-825 MHz iDEN/SMR: 850-870 MHz Cellular: 824-848 MHz

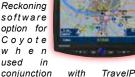
868-896 MHz 1805-1880 MHz

ETACS: 872-905 MHz GSM: 930-970 MHz Paging: 145-170 MHz

450-470 MHz 928-941 MHz

Dead Reckoning software option for Coyote whenused in

DX-V



TravelPilot® with EX-V models.

Sieve™ Coyote is data conversion software that generates 40 λ averaged data.



Order removable GPS and swapnable modular receiver combos for variety of RF studies while still in the field.

### ORDER YOURS TODAY





Berkeley's optional 2.5-2.7 GHz high performance omnidirectional antenna includes a magmount with an SMA Male connector perfect for WiMAX drivestudies using the Coyote™ receiver.



**SENSITIVITY** -118 to -30 dB + 1 dB (@ 10 kHz IF Bandwidth)

Adj. Chan. Rejection: >45 dB @ 30 kHz

**RECEIVER MODES** Single Channel

Multiple Channel (user selectable or sweep)

**DATA AVERAGING** Temporal

> 512 measurements/receiver/second 512 measurements/receiver/second

40 Lambda average (user selectable)

#### **GENERAL SPECIFICATIONS**

83 MHz 1st IF, 455 kHz 2nd IF **Dual Conversion:** 

IF Bandwidth: 4 kHz, 10 kHz, 25 kHz, 30 kHz, 50 kHz, 200 kHz (@ 6dB)

± 2.5 PPM Temp range 32° to 120 F° Stability:

**Phase Noise:** > 80 DBC/Hz @ 10 kHz

Antenna: SMA 50 ohm 20 button keypad **Controls:** Warm Up Time: < 3 minutes

Internal 10.8 Volt Li-ion battery (3.6 mA) run time 8 hours Power:

12V jack for external power

12Mbits/s (1.5 Mbyte / sec) **USB Port:** 

GPS: 12-channel receiver

7 lbs. Weight:

3.5" H x 6" W x 7.75" L (water resistant, high impact ABS plastic case) **Dimensions:** 

UL. CSA Approvals: