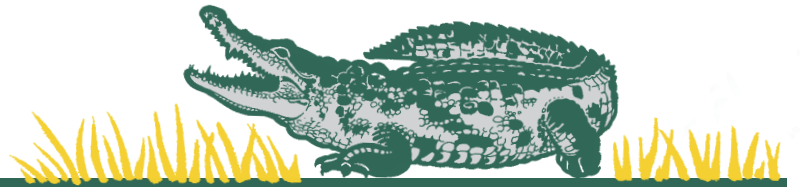


Crocodile



CDMA TRANSMITTER

The Crocodile Transmitter simulates a CDMA Base Station with its Pilot I and Q modulated output and assignable PN Offset. The transmitter is housed in a high impact, water resistant case, operates from AC or battery power and ideal for field use.

FEATURES:

- CDMA (IS-95) Pilot I and Q modulation signals
- Assignable PN Offset
- Power amplifier with continuously adjustable power output ± 1.0 dB
- Supervisory circuits that monitor the Transmitter and shuts-down the PA under error conditions
- Rubidium time base
- GPS receiver
- Models for the PCS or Cellular band
- Compatible with the Super Eagle Pilot Scanner or Falcon
- VSWR antenna protection and internal forward and reverse power measurement
- Powered from 110-240 AC or battery
- Built-in thermal overheat protection for the PA
- Adjustable remotely via RS-232, internal modem or signaling tones
- Weighs only 24 pounds



The Crocodile 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: <http://www.bvsystems.com>
E-mail: info@bvsystems.com

**BERKELEY
VARITRONICS
SYSTEMS**

Crocodile CDMA TRANSMITTER

SPECIFICATIONS

| | |
|----------------------------------|---|
| FREQUENCY RANGES (either) | PCS 1.930-1.990 GHz 30 kHz steps PCS 1.930-1.990 GHz 50 kHz steps Cellular 869.04-893.97 MHz 30 kHz steps |
| OUTPUT POWER | 10 Watt - Class A Power Amp for PCS model, 10 Watt - Class A Power Amp for Cellular model |
| MODULATION | I and Q Pilot codes (IS-95) @ 1.2288 MHz |
| PN OFFSET | Definable in 64 chip increments (Base Stations 0-511) |
| CLOCK STABILITY | .1 part per billion |
| OUTPUT FILTERING | Digital FIR |
| MONITORS | Clock Stability, Power Good and Modulation Detect |
| VSWR MONITORING | Internal power meter for monitoring reflected power |
| OUTPUT PROTECTION | Power Amplifier can withstand infinite VSWR and is temperature protected |
| GPS | Motorola Encore 8-channel |
| REMOTE MODEM CONTROL | Internal Bell 212A modem for full remote control |
| REMOTE TEL CO CONTROL | On/Off and power level with DTMF tones |
| DISPLAY | 64 X 240 back-lighted, CCF LCD |
| WARM UP TIME | Less than 5 minutes |
| POWER | 90-250 VAC or PCS 12VDC @ 10 Amps Cellular 24VDC @ 8 Amps |
| WEIGHT | 24 pounds |
| DIMENSIONS | 18" X 15 ¹ / ₂ " X 7" |

