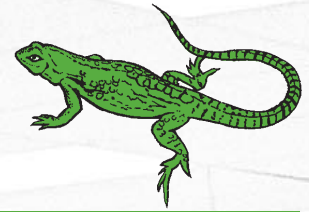


The Lizard



1 WATT PORTABLE TRANSMITTER

The Lizard is a portable, battery-powered 1 watt CW (Continuous Wave) or modulated (available on certain models) stimulus transmitter used for indoor coverage testing. The Lizard is ideal for WLAN set-up and evaluating network performance. In a typical application, one or more

Lizards are placed throughout an area of interest and set on different channels; while measuring and recording field strength using one of BVS's portable signal strength meters such as Champ, Fox, Mongoose or Ultra-Lite.

FEATURES:

- Completely self-contained module design
- Dynamically adjustable power control from 1 milliwatt to 1 watt output
- Infrared Remote control adjusts power output, frequency and on-off >25 feet
- Super bright 128 x 128 graphic LCD with backlight for viewing in all light conditions
- Removable rechargeable 7.2 volt battery (Makita Ni-Cad available at Home Depot)
- Light-weight design is ideal for "stick-up" applications
- Includes rudimentary modulation (on certain models)
- Precision output held to within ± 0.5 dB

13 STANDARD FREQUENCIES IMMEDIATELY AVAILABLE:

- LMR 450-470 MHz
- SMR 850-870 MHz
- Cellular EAMPs reverse ... 824-848 MHz
- Cellular EAMPs forward ... 868-894 MHz
(optional modulation available)
- Cellular ETACs forward ... 915-947 MHz
(optional modulation available)
- Cellular ETACs reverse ... 872-905 MHz
- Cellular GSM forward ... 935-960 MHz
- ISM 900-928 MHz
- Paging 928-941 MHz
(optional POCSAG modulation)
- PCS reverse 1850-1910 MHz
- PCS forward 1930-1990 MHz
- PCS Korean 1805-1865 MHz
- ISM 2400-2485 MHz



The Lizard 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

Email: info@bvsystems.com

**BERKELEY
VARITRONICS
SYSTEMS**

The Lizard

1 WATT PORTABLE TRANSMITTER

SPECIFICATIONS

FREQUENCY RANGE	13 models covering all popular telecom bands
FREQUENCY STEP SIZE	12.5, 25, 30, 50 kHz or 1.25 MHz
FREQUENCY STABILITY	±2.0 ppm (short term) 30° to 125° F
FREQUENCY STABILITY	±0.5 ppm (aging maximum for 1 year)
MODULATION (optional)	FSK Manchester modulation or A1 (CW)
MODULATION MODES	Holding tone 1004 Hz SAT tones 5970, 6000, 6030 Hz End tone 10 kHz
OUTPUT POWER	0.0 dBm to 30.0 dBm ±0.5 dB
PASSBAND FLATNESS	±0.5 dB maximum
POWER STEPS	±0.5 dB
OUTPUT	50Ω with TNC Female
OUTPUT VSWR	<2:1
OUTPUT LOAD VSWR	>100:1
DISPLAY	128 x 128 Graphic STN LCD
BACKLIGHT	LED
CONTROLS	Direct enter via 14 button keypad Rotary optical encoder (push to choose) Infrared remote keypad (25' operational range)
DC POWER	Internal (removable) Ni-Cad rechargeable cells External DC power supply via 2.5mm slip jack
CHARGER	2 hour external recharge time. 110 VAC
WEIGHT	5 pounds with battery
SIZE	6-1/2" wide x 8-1/2" long x 3-1/4" deep
ENVIRONMENTAL	Wet suit recommended

