



# POCKET PROREADER RF VISUAL READING DEVICE



The Pocket ProReader RF is a compact visual reading device designed for reading remote receptacle pads. With the Pocket ProReader RF, meter readers can test new installations, obtain readings and meter identification numbers in a faster, more efficient manner and readings can be transmitted directly to a Trimble Ranger handheld with a HR2650i receiver or the R900® Belt Clip Transceiver. Reading remote pads is as simple as touching the pad and reading the information on the screen.

The Pocket ProReader RF can be conveniently carried in a pocket or clipped to a belt.

## KEY FEATURES

- Meter readings may be reviewed and re-transmitted
- Audible and displayed error messages
- Displays meter reading and the programmed meter identification number
- Serves as an excellent meter reading tool for wall mount receptacles
- Can be used as an installation testing tool
- Compatible with Neptune's N\_SIGHT™ meter reading software
- Readings are transmitted via 914 MHz to Trimble Ranger handheld computers with HR2650i RF receivers or the R900 Belt Clip Transceiver

## STANDARD FEATURES

- Single device designed for reading ProRead™ (ARB® VI), ECR® II and III encoder registers
- Transmits meter readings directly to the Trimble Ranger or R900 Belt Clip Transceiver by unlicensed radio frequency
- Capable of storing up to five meter readings in memory
- Acknowledges completed reads with a short tone and erroneous reads are signaled with a longer tone
- Unit displays the meter reading and the register identification number
- Powerful rechargeable battery capable of a full day of reading
- Transmits data over an unlicensed frequency at 914 MHz

\* The ECR® III register is supported when programmed with the same format used in the "6 wheel ECR II register."

**WARRANTY**

Neptune provides a limited warranty with respect to its Pocket ProReader RF for performance, materials, and workmanship. Hardware maintenance agreements are also available.

**HARDWARE**

- Power Supply
  - Uses 3 Ni-Cad AA rechargeable battery pack
  - Fully charged battery sufficient for 800-900 meter readings
  - Battery is rechargeable with a simple 120 V wall charger rated for 4.5 V @ 85 mA /4.35 @ 2 00 mA
- Memory
  - OTP: 32 K ROM
  - RAM: 256 x 8 Bytes
- Display
  - 16 column x 2 lines LCD
  - Auto Temperature Compensation
- Keypad
  - 2 large keys, pillow embossed and waterproof
  - Function keys clearly marked
- Reader Head
  - Inductive probe reads ProRead (ARB VI), Sensus ECR II and III\*
- RF Transmitter
  - Built-in unlicensed 914 MHz RF transmitter
  - 6 ft. transmission range
  - Meets FCC Part 15 and Industry Canada requirements
- Dimensions
  - Length, total: 6.25"
  - Width: 2.72"
  - Depth: 1.69"
  - Weight: 13 oz.

**ENVIRONMENTAL**

- Temperature
  - Operating: -20°C to +50°C
  - Storage: -40°C to +80°C
- Water Resistance
  - Withstands unlimited spray or splash such as rain
- Chemical Resistance
  - Acids, alcohols, glycols, and oils
- Impact
  - Withstands repeated drops from a height of 1 m on concrete
- Electrostatic Discharge
  - Withstands a 16 Kv discharge without loss of data
- Accessory Equipment
  - Wall charger

Neptune Technology Group Inc.  
1600 Alabama Highway 229  
Tallahassee, AL 36078  
USA  
Tel: (800) 633-8754  
Fax: (334) 283-7293

Neptune Technology Group (Canada) Ltd.  
7275 West Credit Avenue  
Mississauga, Ontario  
L5N 5M9  
Canada  
Tel: (905) 858-4211  
Fax: (905) 858-0428

Neptune Technology Group Inc.  
Avenida Ejercito Nacional No 418  
Piso 12, Despacho 1203  
Colonia Polanco V Sección  
C.P. 11560  
Delegación, Miguel Hidalgo  
Mexico D.F.  
Tel: (525) 5203-4032 / (525) 5203-6204  
(525) 5203-5294  
Fax: (525) 5203-6503

