ARB® UTILITY MANAGEMENT SYSTEMS™

NEPTUNE
TECHNOLOGY GROUP

POCKET PROREADER RF
VISUAL READING DEVICE

The Pocket ProReader RF is available in two versions — one to read ProRead™ (ARB VI); the other capable of reading ProRead (ARB VI), Sensus ECR® II and III* encoder registers.

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 DAP handheld with a radio frequency receiver. 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 Equinox meter reading software
- Readings are transmitted via 914 MHz to DAP handheld computers with HR2380 or HR2580 RF receivers

STANDARD FEATURES

- Single device designed for reading ProRead™ (ARB VI), ECR® II and III* encoder registers
- Transmits meter readings directly to the DAP handheld unit 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

WARRANTY

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

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

- 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 120V wall charger rated for 4.5V@85mA / 4.35@200mA
  - Battery can be recharged without taking it out of the unit
  - Equipped with an on/off switch
- Memory
  - OTP: 32K 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
  - Minimum 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.

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- 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 one metre on concrete
- Electrostatic Discharge
  - Withstands a 16 Kv discharge without loss of data
- Accessory Equipment
  - Wall charger

Neptune engages in ongoing research and development to improve and enhance its products. Therefore, Neptune reserves the right to change product or system specifications without notice.

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