

DR-500

Hand-Held Direction Finder

Going the Last Mile



Seimac

A Chelton Group Company



Rugged, Remote, Reliable Radios.

Seimac has been in business for over 25 years, providing radio and data acquisition products for global customers in the research, military, search and rescue, and oil and gas industries. The company designs, manufactures and markets a variety of products including Cospas-Sarsat Beacons, GOES satellite transmitters, Spread Spectrum Radio Modems, Novatech VHF radio and optical beacons and a range of miniaturized ARGOS satellite radio transmitters that are used in tracking objects and animals in marine and terrestrial applications. The company's operations are based in Halifax, Nova Scotia, with sales offices and warehouses throughout the U.S.

For more information about Seimac and our Radio products, please call:

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*Seimac is a member of the Chelton Group of Companies,
a global supplier of radio and avionics equipment.*

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Going the Last Mile

The Seimac DR-500 is designed to help search and rescue personnel "go that last mile" in responding to Cospas-Sarsat distress beacon alerts. It is designed to detect the 121.5 MHz homing frequency from Personal Locator Beacons (PLBs) on land, Emergency Position Indicating Radio Beacons (EPIRBs) in the marine environment, and Emergency Locator Transmitters (ELTs) on aircraft.

The DR-500 is designed to operate in the most demanding field conditions on land or at sea. The receiver is housed in a crush resistant, safety yellow, glass-filled polyamide casing; and is water resistant to allow continuous use in rain or snow, and at sub-zero temperatures.

- The Seimac DR-500 is a sensitive, multi-environment, lightweight, battery-powered hand-held direction finder.
- The DR-500 has a rugged, ergonomic design allowing ease of use in the most challenging of environments on land and at sea.
- The system consists of a dual-element, mini-yagi antenna and a crystal-controlled receiver mounted within a lightweight, crush resistant, water resistant casing.
- The DR-500 provides both visual and audio indicators for detecting the homing signal from emergency beacons.
- It has a training frequency on 121.775 MHz; and comes with a 121.775 MHz Test Beacon.
- Waterproof carry case included.

Features

- Graphical LED Display for signal strength updated every 2 seconds
- Speaker with Volume Control
- Channel Selector indicators
- Lighted Left-Right Indicator for ease of use
- Battery Charged Indicator
- Weather resistant, splash-proof - can be used in heavy rain and wet conditions
- Includes carry case, AC/DC power supply, headphones, training beacon
- Ergonomically designed handle/casing

DR-500 DIRECTION FINDER SPECIFICATIONS

Size: 18 x 13 x 4.5 in (46cm x 33cm x 11cm)
(Note: Antennae always deployed)

Weight: 33.5-oz (950g) with battery

Material: Glass Filled Polyamide with Aluminum Antenna Body

Color: Safety Yellow

Limited Warranty: 1 year

Frequency Received: 121.5 MHz (121.775 MHz for training purposes)

Battery: Lithium Ion Rechargeable (1SAUR 18650F-2 Sanyo)

Operating Life: 10 hours continuous on one battery at -20C to +55C;
unlimited operating life on either AC or DC power supply