

ProFIND SAR DF

Direction Finder

Going the Last Mile



Seimac

A Chelton Group Company



ProFIND SAR DF

Direction Finder

Going the Last Mile

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 in the U.S.

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

Seimac Limited

271 Brownlow Avenue
Dartmouth, Nova Scotia,
Canada B3B 1W6

902-468-3007

Email: sales@seimac.com

Technical Support: support@seimac.com

www.seimac.com



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

The Seimac ProFIND SAR DF 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 ProFIND SAR DF 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 waterproof to allow continuous use in rain or snow, and at sub-zero temperatures.

- The Seimac ProFIND SAR DF is a sensitive, multi-environment, lightweight, battery-powered hand-held direction finder.
- The ProFIND SAR DF 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, waterproof casing.
- The ProFIND SAR DF provides both visual and audio indicators for detecting the homing signal from emergency beacons.
- Offers detection of several standard training frequencies, as well as a 121.775 MHz training beacon.

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
- Waterproof - can be used in heavy rain and wet conditions
- Ergonomically designed handle/casing
- Standard DF includes AC/DC charger and Ear Bud
- DF Kit includes the above and a 121.775 MHz training beacon
- Option pack includes waterproof carrying case, portable DC alkaline power pack, automobile charging unit

PROFIND SAR DIRECTION FINDER SPECIFICATIONS

Size:	18" x 13" x 4.5" (46cm x 33cm x 11cm) (Note: Antennae always deployed)	
Weight:	33.5 oz (95 oz) with battery	
Material:	Glass Filled Polyamide with Aluminum Antenna Body	
Color:	Safety Yellow	
Warranty:	1 year	
Frequencies Received:	Homing Frequency	121.5 MHz
	Training Frequencies	121.6, 121.650, 121.775, 123.1 MHz
Battery:	Lithium Ion Rechargeable (SAUR 18650F-2 Sanyo)	
Operating Life:	20 hours continuous on battery at -20C to +55C; unlimited operating life on either AC or DC power supply	