



SPECIFICATIONS

8500 HDD GUIDANCE SYSTEM

8500T TRACKER DIMENSIONS

| | U.S. | METRIC |
|------------------|-------------|---------------|
| Height | 6.4 in | 163 mm |
| Length | 13.2 in | 335 mm |
| Width | 35.5 in | 902 mm |
| Operating weight | 8.3 lb | 3.8 kg |

8500T OPERATION

| | U.S. | METRIC |
|--|-----------------|-----------------|
| Operating temperature range | -4° F to 122° F | -20° C to 50° C |
| Operating modes: 1.75 kHz Beacon and 11.2 kHz Beacon | | |
| Radio channels: 7 | | |
| Radio range | 2000 ft | 609.6 m |
| Radio frequency (US): 900 MHz | | |
| Radio frequency (International): 2.4 GHz | | |

8500T BATTERIES

Type: 6 C-cell alkaline
 Battery life (continuous use @ 70° F/21° C): Approximately 10 hours
 Battery saver: Unit powers down after 5 minutes if no key is pressed and no beacon communication is detected. This feature can be disabled in a menu item.

8500D DISPLAY (MODULE ONLY)

| | U.S. | METRIC |
|---|-------------|---------------|
| Operating weight | 2.5 lb | 1.1 kg |
| Power input: 6.5V DC to 16V DC @ approximately 150 MA | | |
| Interface connectors: USB-B | | |
| Data storage: SD card | | |
| Radio channels: 7 | | |
| Radio range | 2000 ft | 609.6 m |
| Radio frequency (US): 900 MHz | | |
| Radio frequency (International): 2.5 GHz | | |

8500D DISPLAY (MODULE WITH CASE)

| | U.S. | METRIC |
|--------------------------------------|-------------|---------------|
| Operating weight | 6.5 lb | 3 kg |
| Battery type: 6 C-cell alkaline | | |
| Battery life: Approximately 20 hours | | |
| Interface: USB-B | | |
| Antenna: TNC female | | |

850-SERIES BEACONS

| | U.S. | METRIC |
|----------|-------------|---------------|
| Length | 17.6 in | 447 mm |
| Diameter | 1.5 in | 38 mm |
| Weight | 2.2 lb | 998 g |

Operating frequency: 1.75 kHz and 11.2 kHz

Roll: 60 positions (every 6 degrees)

Battery type

- 1 CC alkaline power stick
- 2 C-cell alkaline batteries

1 CC lithium battery
Battery life: alkaline
850B/850BG: 20 hours
850BH/850BGH: 10 hours
850BD/850BGD: 20 hours
850BDH/850BGHD: 10 hours

Depth range

| | | |
|---------------------------|--------|--------|
| 850B/850BG | 50 ft | 15.2 m |
| 850BH/850BGH | 60 ft | 18.3 m |
| 850BD/850BGD (11.2 kHz) | 50 ft | 15.2 m |
| 850BD/850BGD (1.75 kHz) | 30 ft | 9.1 m |
| 850BHD/850BGHD (11.2 kHz) | 60 ft | 18.3 m |
| 850BHD/850BGHD (1.75 kHz) | 40 ft | 12.2 m |
| Maximum temperature | 176° F | 80° C |
| Maximum fluid pressure | 60 psi | 4 bar |

Pitch

850 series: 1% increments up to 100%
850-grade series: 0.1% increments up to 100%

Specifications are general and subject to change without notice. If exact measurements are required, equipment should be weighed and measured. Due to selected options, delivered equipment may not necessarily match that shown. *Units are calibrated to these tolerances under ideal test field conditions. Actual operating field conditions may have signal distortions or may contain noise sources which result in depth estimates that are less than specified.