

Ross Model D-600E



Digital Depth Indicator

Designed for all types of military and commercial vessel applications.

Operates completely INDEPENDENTLY or as a single repeater or as one of a multiple REPEATER system.



- **Compatible with all current Model D600 series transceivers.**
- **Selectable Depth Line history on display or Digital read-out.**
- **Dual frequency capability for extended depth ranges (optional)**
- **Housed in a cast aluminum housing**
- **Easy viewing with large, 5 inch (diagonal) VGA monochrome LCD screen.**
- **Key Pad for selected menu for setup and operations.**
- **Uses 12 or 24 VDC or 115VAC power.**
- **NMEA-0183 Data Output**
- **Uses Ross “Smart Sounder” technology.**
- **Watertight connectors**

Size: Indicator : 11” x 10” x 5”
Electronic Unit: 6” x 11” x 11” (high impedance)
15” x 14” x 6” (low impedance)

Weight: Indicator: 16 lbs.
Electronic Unit: 9 lbs (high impedance)
15lbs (low impedance – 250CG)
20 lbs (low impedance – 260CG)

Interconnect cable length: 15 ft.

Power Consumption: 40 watts
(3.5 amps @ 12V)

Accuracy: Plus or minus 1%

Audible minimum depth alarm

Ross Laboratories, Inc. 3138 Fairview Ave. E. Seattle, WA 98102
(206) 324-3950 FAX (206) 329-0250
www.rosslaboratories.com email: info@rosslaboratories.com

Model D-600E - Digital Depth Indicator

The Ross Model D-600E is a rugged digital depth indicator is compatible with all of the current D-600 series transceivers and now adds dual frequency capability for extended depth ranges. The unit uses the same watertight connector and is housed in a cast aluminum housing with the same overall and mounting dimensions as its predecessor to facilitate simple retrofits. A standard NMEA-0183 data output is available for electronic charting systems requiring depth information.

The new sounder uses 5" diagonal VGA monochrome transfective LCD screen with yellow LED backlighting that can be adjusted for ease of viewing in any light level. A Key Pad selected menu gives the operator control over the setup and operation of the unit. Another feature of this new unit is a depth history line. Shown just below the digital depth display is a depth history line that represents the depth soundings over a user selected interval which allows the operator to see the trend in bottom depth changes. (Available in January 2003)

The single frequency version is compatible with all current D-600 series transceivers. Dual frequency capability has now been added to provide operating depths down to 1000 fathoms. The operator can choose the frequency that is in use or the sounder can be set for auto select at a user defined depth.

SPECIFICATIONS

Range:	3' to 999' in increments of 1 foot plus tenths. 1 fathom to 1000 fathoms in increments of one fathom plus tenths. (1-1000 meters)	Accuracy:	Plus or minus 1%
		Mounting:	Bulkhead (standard)
Maximum Range:	Determined by choice of transceiver frequency	Construction:	Watertight cast aluminum housing with watertight connector
Frequency Choices:	200kHz provides nominal 50 fathoms range. 100kHz provides nominal 100 fathom range. 50kHz provides nominal 200 fathom range. 28kHz provides nominal 400 fathom range. 12kHz provides nominal 1000 fathom range.	Scale:	Feet, Fathoms or Meters
		Dimmer:	Controlling brightness of backlighting
		Sensitivity & Anti-Clutter controls	

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