



HD800/60-8 SPECIFICATIONS with Ram Hoist

January 2003

A. CONTROL UNIT

1. Presentation

High resolution output, 640 x 480 pixels
8 or 16 colors depending on echo strength

2. Sonar Display

- (1) Full screen sonar
- (2) Full screen bottom profile
- (3) Split screen sonar and profile
- (4) Vertical fish profile mode
- (5) Full screen stabilized video sounder

3. GPS Tracking

Track moving targets when GPS is connected

4. Dual Controls, for Split Screen

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|------------------|----------------------|
| (1) Range | (7) Threshold |
| (2) Near Gain | (8) Scanning Speed |
| (3) Far Gain | (9) Scanning Sector |
| (4) TVG | (10) Colors, 8 or 16 |
| (5) Power | (11) Delete Colors |
| (6) Pulse Length | |

5. Transducer Control

- (1) Tilt, + 4° to - 90°, in 1° steps
- (2) Scan, adjustable sectors,
Stepping speeds 1.8° to 21.6°

6. Console Voltage

12 - 32 VDC, 36 W

7. Audio Output

Proportional to echo strength
Horn Speaker

B. TRANSMIT RECEIVE UNIT

1. Power Output: 1.8 kW
2. 6 Stage, Low Noise Receiver

C. HOIST UNIT

1. Height: 1090 mm (43 inch)
2. Travel: 280 mm (11 inch)
3. Retraction Time: 22 seconds
4. Electric Motor (Ram):
12 VDC, 11.2 amps max
24 VDC, 4.1 amps max
5. Flange: Silicon Bronze
6. Soundome Tube: Stainless steel, 243.8 cm
(8 feet) long

D. SOUNDOME UNIT:

1. Frequency: 60 kHz
2. Soundbeam: 9° Vertical, 14° Horizontal
Stabilized
3. Diameter: 192 mm (7.56 inch)

E. SEACHEST - (Customer Supplied):

1. Length: 572 mm (22.5 inch) minimum
1880 mm (74 inch) maximum
2. Pipe: 8 inch, Schedule 80
3. Flange: Standard, 8 inch

