



PHYSICAL ATTRIBUTES		4600	4500	4380	4350	4433	4432	4431	4430	
Screen resolution (pixels)		320 x 234	320 x 234	360 x 240	320 x 240	360 x 240		160 x 120		
Screen Size (diagonal)		6.4" (163 mm)	5" (127 mm)	3.8" (97 mm)	3.5" (89 mm)	4.3" (109 mm)				
Supply Voltage		10-32 V DC			10.5 - 16 V DC					
Power Consumption (backlight on)		13 W or 1.0 A @ 13.8 V DC	12.4 W or 0.9 A @ 13.8 V DC	3.1 W or 225 mA @ 13.8 V DC	3.1 W or 225 mA @ 13.8 V DC	3.5 W or 250 mA @ 13.8 V DC		3.5 W or 250 mA @ 13.8 V DC		
LCD Display Type		Daylight viewable 256 colour TFT				FSTN 16 Level Grayscale		FSTN 4 Level Grayscale		
Backlighting		Variable white								
Operating Temperatures		32 to 122 °F (0 to 50 °C)								
Keypad		Laser etched silicone rubber and backlight								
Waterproof Rating		IPx7 (Immersed 3 ft (1 m) water for 30 minutes)								
Mounting		Quick release bracket with swivel and tilt bracket or flush mount						Bracket mount only (Flush mount available as an option)		
Beeper		Audible buzzer and external alarm output			Audible buzzer	Audible buzzer and external alarm output	Audible buzzer	Audible buzzer and external alarm output	Audible buzzer	
Languages		English, French, German, Dutch, Swedish, Finnish, Spanish, Portuguese, Italian and Greek †				English, French, German, Dutch, Swedish, Finnish, Spanish, Portuguese, Italian Croatian, Norwegian and Greek. †				
Alarms		Too shallow, too deep, fish, low battery, temp value, temp rate, low fuel			Too shallow, too deep, fish, low battery, temp value, temp rate	Too shallow, too deep, fish, low battery, temp value, temp rate, low fuel	Too shallow, too deep, fish, low battery, temp value, temp rate			
Memory		NVM - stores all settings when turned off								

SONAR / TRANSDUCER		4600	4500	4380	4350	4433	4432	4431	4430
Transmit Frequency		50 kHz 200 kHz		200 kHz		83 kHz 200 kHz		200 kHz	
Output Power (RMS)		600 W		200 W		250 W		150 W	
Depth Range (with supplied transducer **)		2 — 2000 ft (0.6 — 600 m)		2 — 600 ft (0.6 — 200 m)		2 — 750 ft (0.6 — 230 m)		2 — 600 ft (0.6 — 200 m)	
Water Temperature		Yes, with trend graph							
Transducer Options		Transom and through hull							
Auto Range and Auto Gain		✓							
A-Scope and History Display		✓							
Split / Full screen zoom		Split / Full	Split / Full	Split	Split	Split / Full			
Bottom Lock		✓							
Fish Symbol		3 sizes with or without depth indication							
Bottom Indication		16 color				16 Grays		4 grays	
Boat speed with log		✓	✓	✓		✓		✓	
Sounder Snooze mode		✓			✓				
Ping Rate (per second)		Up to 50	Up to 50	Up to 10		Up to 50		Up to 20	
A-Scope perspective view						✓			
Sonar History Playback		✓	✓			✓	✓		

FUEL / FEATURES		4600	4500	4380	4350	4433	4432	4431	4430
Fuel Management		Gasoline / Diesel		Gasoline		Gasoline			
Instant fuel flow *		✓	✓	✓		✓			
Fuel Used / Fuel Remaining *		✓	✓	✓		✓			
Fuel Economy *		✓	✓	✓		✓			
SmartCraft™ †† (Twin / Single Engines)		Twin	Twin	Twin		Single			

COMMUNICATIONS		4600	4500	4380	4350	4433	4432	4431	4430
Battery voltage and engine hours display		✓							
NMEA 0183 (ver 2) output		DBT, DPT, VHW, MTW, VLW, XDR				DBT, DPT, VHW, MTW, VLW, XDR		DBT, DPT, VHW, MTW, VLW, XDR	
NavBus		✓		Requires cable CB000140		Requires cable CB000140			
Fish Forecaster / Weather Station ***		✓				✓			

* Requires optional gasoline or diesel transducers

** Depth capabilities depend on type of transducer used, installation and water clarity. Depth to 3300 ft (1000 m), may be achieved under optimal conditions and using a 1000 W dual element transducer.

*** Requires Navman VHF 7200 marine radio

† Some Asian language support, depending on region. Ask your dealer.

†† Requires optional SmartCraft™ gateway