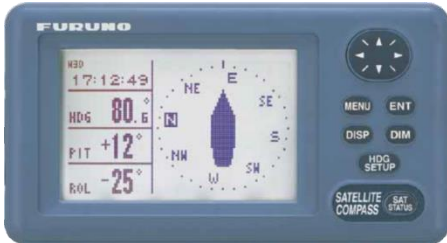


# Satellite Compass SC-50



**FURUNO**

**Revolutionary heading sensor with advanced GPS technology.** Heading accuracy 0.5° RMS complying with IMO MSC.116 (73) as a THD (Transmitting Heading Device)

- Excellent follow-up rate of 45°/s exceeding requirements for high speed craft (20°/s)
- Pitch and roll output in both analogue and digital formats for ship's motion correction for the FCV-30 and CH-250/270/300
- Tri-antenna system reduces the effect of pitching, rolling and yawing
- Free from regular maintenance
- Accurate SOG, COG, ROT and L/L
- High speed heading data output in IEC 61162-2 format (38.4 kbps)
- Output in IEC 61162-1/2 or FURUNO AD-10 formats is available:
  - up to 10 ports in IEC 61162-1/2 or
  - up to 5 ports in AD-10 or combination of
  - IEC 61162-1/2 and AD-10 formats
- Individual setting of output sentences and baud rate in each port for flexible interface with external equipment
- Clear 4.5" silver bright LCD

SPECIFICATIONS	
<b>1. Accuracy</b>	
<b>Heading</b>	0.5° RMS
<b>GPS Fix</b>	10 m (95%)
<b>DGPS Fix</b>	5 m (95%)
<b>WAAS Fix</b>	3 m (95%)
<b>2. Follow-up</b>	45°/s rate-of-turn
<b>3. Settling time</b>	3 min
<b>4. Interface</b>	
<b>Number of ports</b>	5 ports in AD-10 or
<b>10 ports*</b>	10 ports in IEC 61162-1/-2
	* can be used in menu selection AD-10 only
<b>1 port Serial data sentence</b>	
<b>25, 100, 200 ms, 1, 2 s data rate:</b>	HDT, HDM(Heading), ROT (Rate of turn), ATT (Pitch and Roll)
<b>1, 2 s data rate:</b>	VHW (Heading), VTG, BW(SOG), GGA, GLL, GNS(L/L), ZDA(UTC), VDR (Set and Drift)
<b>Log output</b>	1 port: 200/400 p/nm (closure)
<b>Alarm output</b>	1 port: Alarm signal (closure signal)
<b>Heading input</b>	1 port: Backup Heading (AD-10/IEC 61162-1) HDT, HDG, HDM, VBW, VHW, VLW
<b>DGPS Input</b>	1 port: RTCM SC-104 format
<b>5. Receiver Type</b>	Twelve discrete channels.
<b>6. Receive Freq</b>	C/A code, all-in-view L1 (1575.42 MHz)
<b>7. Display Unit</b>	4.5" Monochrome LCD, 95 (W) x 60 (H)mm, 120x64 pixels
<b>8. Display Mode</b>	Steering, <u>N</u> ay Data, Compass Rose, ROT, Heading and Set and Drift modes
<b>POWER SUPPLY</b>	12-24 VDC, 15 W
<b>ENVIRONMENTAL</b>	IEC 60945 for EMC, Vibration, Temperature
<b>EQUIPMENT LIST</b>	
<b>Standard</b>	
<b>1. Display Unit SC-502</b>	
<b>2. Antenna Unit SC-303 or SC-603 with 15 m cable</b>	1 unit
<b>3. Processor Unit SC-501</b>	1 unit
<b>Option</b>	
<b>1. Antenna Cable, 30 m CP20-01700, 50 m CP20-01710</b>	
<b>2. Flush Mount Kit S type CP20-17, F type CP20-29</b>	