

Models: HD-880C/CF

LED Backlight

Low Power Consumption

C-MAP 4D

Various AIS INFO Display



High Speed CPU
High speed CPU is built-in.
High speed zoom-in/out, high speed moving cursor.

Internal GPS ANT standard
New Haiyang's internal GPS ANT, accuracy of the position, Real-time head-moving is available
• DGPS
• SBAS(WAAS, etc.)

Multi-language
Selection of languages, Korean, English, Italian, Spanish, Chinese, Taiwanese, Vietnamese, Arabic, Thai, Greek, Turkish, Malay, Indonesian, Arabic, Indian(Hindi, Gujarati), Persian, etc.

SD support
SD card available
to store user data(WPT, mark, track, etc)
or upgrade new S/W and chart.

Digital Fishfinder 3.0
Smart new digital fishfinder technology V 3.0 upgraded from V 2.0 provides more advanced analysis and performance.
• Upgraded to true colors of 256(V 2.0 provided 16 colors)
• AI noise filtering
• Faster time machine functionality

Various AIS information
When connecting AIS, sorting MMSI, Ship's name, nationality, CPA, etc available. Additionally, easy measuring the distance of other ships available with AIS radius.

AIS List Alarm
User can appoint the AIS targets with the size and color in the AIS MMSI list. Besides, user can name targets intentionally which have no names.

C-MAP 4D
New C-MAP 4D features such as FFVC with tide¤t, 3D view, satellite overlay, etc supporting.



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GENERAL SPECIFICATION

1. Display Screen
Smart 8 : 8 inch color LCD with LED backlight
2. Resolution
Smart 8 : SVGA (800 X 600 pixels)
3. Power Supply
DC 12V~36V($\pm 10\%$)
4. Operating Temperature
Display Unit -15°C~+50°C
Antenna Unit -25°C~+70°C
5. Performance Standard
IMO Resolution MSC.112(73)

GPS RECEIVER SPECIFICATION

1. GNSS Receiver Capabilities

GPS	L1 C/A code
GLONASS	L1OF/
QZSS	L1 C/A code
Galileo	E1B/E1C/L1
2. Number of Channel
52 channels
3. Horizontal Positioning Accuracy
Autonomous 2.5m (CEP 50%)
4. Sensitivity

Acquisition	-148 dBm
Tracking	-165 dBm
Reacquisition	-162 dBm
5. Nav Update
1Hz
6. Support
DGPS, SBAS(EGNOS, WAAS, MASA, GAGAN)

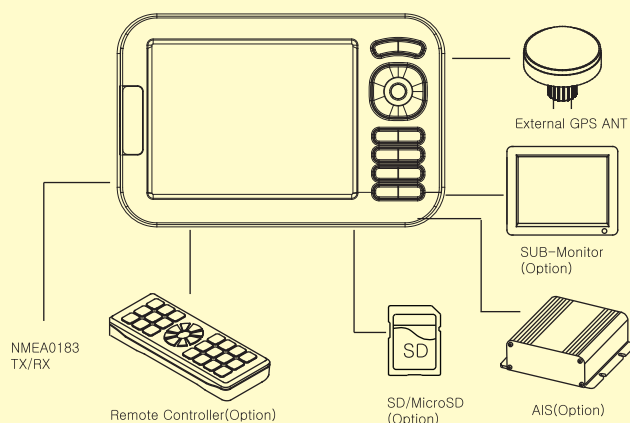
CHARTPLOTTER SPECIFICATION

1. Display Method Mercado Projection
2. Display Mode
True motion / N/S/E/W up / Course up / Head up
3. Latitude Limits Between 85° N to 85° S
4. Map Scale 0.05nm to 1500nm
5. Map Datum WGS-84
6. Waypoint 100,000 points
*Total of 16 colors and 16 icons are selectable each point with name tag (8 alphanumeric characters)
7. Track Point 50,000 points(2 types)
8. Route Max capacity 100 Routes
*20 WPTs per each Route. Each with name tags (8 alphanumeric characters)
9. Draw Point 1,000 points
10. Area Name 1,000 points
11. Chart Data HY-MAP(Built-in or External)/ C-MAP 4D
12. Output Data NMEA-0183
13. Input Data NMEA-0183
14. Alarm Arrival, Anchor, XTE, Interval timer, Userline

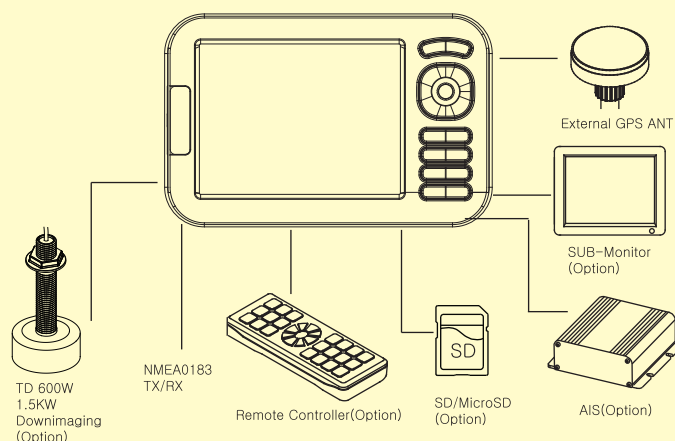
SONAR SPECIFICATION

1. Display Mode
Normal (single/dual-frequency), Bottom-lock, Bottom-zoom, A-scope
2. Frequency
Fishfinder : 50 kHz and 200 kHz
3. Output Power
600W/ 1.5kW
4. Range speed
600W : 2.5m ~ 600m
1.5kW : 2.5m ~ 1500m
5. Image speed
Fixed 8 speeds (4/1, 2/1, 1/1, 1/2, 1/4, 1/8, 1/16, 1/32) and stop
6. Rejection
Interferences rejection: 3 levels
Noise rejection: 30 levels
7. Function
Gain(auto/manual), Range(auto/manual), Shift(auto/manual), White/Black line, Support speed sensor, Water temperature, Time machine, Contrast

Interconnection(Chartplotter)



Interconnection(Combo/Fishfinder)



*SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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04723H Printed in Korea

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