



Wide 6.5 inch Color Chartplotter / DGPS, SBAS(WAAS/EGNOS/MSAS)

Model: HGP-660



Wide Premium Display

C-MAP / HY Chart

Compact Design

◆ Premium Resolution Display

wide 6.5 inch color TFT LCD premium resolution (750 X 480 pixels) for optimum viewing under the direct sunlight.

◆ Three Chart Systems

Three chart systems C-MAP/HY Chart(Inter/Exter) are available. The most suitable chart is selected by the user. Lots of information such as buoys, lighthouses, wrecks and tides are provided.

◆ High speed zoom-in & zoom-out

The ultra fast processor is built in. Zoom-in and zoom-out are the fastest than any other chartplotters.

◆ Various Modes

- Chartplotter
- Full screen
- Highway
- Steering Mode
- GPS Data

◆ Multi-language

Selection of languages, English, French, Scandinavian, Italian, Spanish, Portuguese, Greek, Turkish, Korean, Chinese, Taiwanese, Vietnamese, Thai, Indonesian, Malaysian, Arabic, Indian(Hindi / Gujarati) etc.

◆ Larger Flash Memory

Larger flash memory is built-in. More detailed HY chart is available. Much bigger user data such as 5,000 WPTs and 50,000 tracks are available.

◆ High Accuracy

- Support of high accuracy
- DGPS / WAAS / EGNOS / MASA

◆ Echo Sounder

Block box type of optional echo sounder is available.

◆ Waterproof

Display suited for flybridge installation. IPX5



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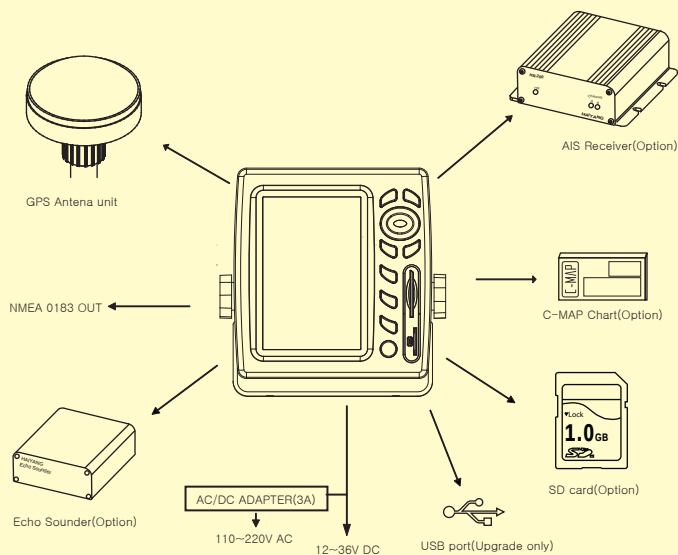
GENERAL SPECIFICATION (Voltage range: DC 10.8~35V)

1. Display Screen
wide 6.5 inch color TFT LCD(750 X 480 pixels)
2. Operating Temperature
Display Unit -15°C ~ 50°C
Antenna Unit -25°C ~ 70°C
3. Performance Standard
IMO Resolution MSC.112(73)
4. Back-up
SD Card (Option)
5. Optional
HAIYANG Chart with SD Card

CHARTPLOTTER SPECIFICATION

1. Display Method Mercado Projection
2. Display Mode
True motion / North up / Course up / Head up
3. Latitude Limits Between 85° N to 85° S
4. Map Scale 0.05nm to 500nm
5. Map Datum WGS-84(Standard), 270 different Datums
6. Waypoint 5,000 points
7. Event Mark 10,000 points
*Total of 16 colors and 16 icons are selectable each point with name tag (8 alphanumeric characters)
8. Track Point 50,000 points
9. Route Max capacity 100 Routes
*20 WPTs per each Route. Each with name tags (8 alphanumeric characters)
10. Draw Point 1,000 points
11. Area Name 1,000 points
12. Chart Data C-MAP / HY Chart(Inter/Exter)
13. Output Data NMEA-0183
14. Input Data NMEA-0183
15. Alarm Arrival, Anchor, Off course, Interval timer

Interconnection Diagram



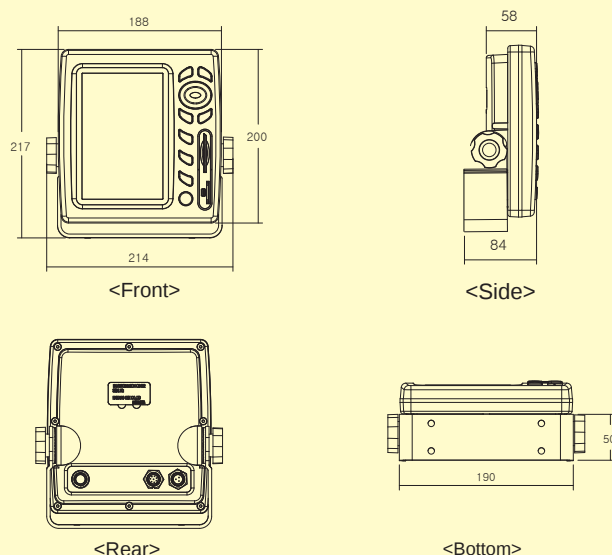
GPS RECEIVER SPECIFICATION

1. Receive Type
L1 frequency(1575.42MHz), C/A code
2. Number of Channel
16 channels
3. Accuracy
Position 2.5m CEP
DGPS/SBAS 2.0m CEP
4. Sensitivity
Acquisition -140 dBm
Tracking -149 dBm
5. Data Update Rate
1 Second
6. Support
DGPS, SBAS (WAAS, EGNOS, MSAS)

ECHO SOUNDER SPECIFICATION (Option)

1. Display Mode
Normal (single/dual-frequency), Bottom-lock, Bottom-zoom, A-scope
2. Frequency
50 and 200 KHz (single or dual)
3. Output Power
600W (standard) / 1.2KW (option)
4. Range speed
600W : 2.5m ~ 600m
1.2KW : 2.5m ~ 1,200m (option)
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. Interference rejection
3 levels
7. Noise rejection
4 levels
8. Function
Gain(auto/manual), range(auto/manual), depth with shift(auto/manual)
pulse length selection, white/black line
water temperature

Display Unit



*SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

Certified to ISO 9001/2000

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