



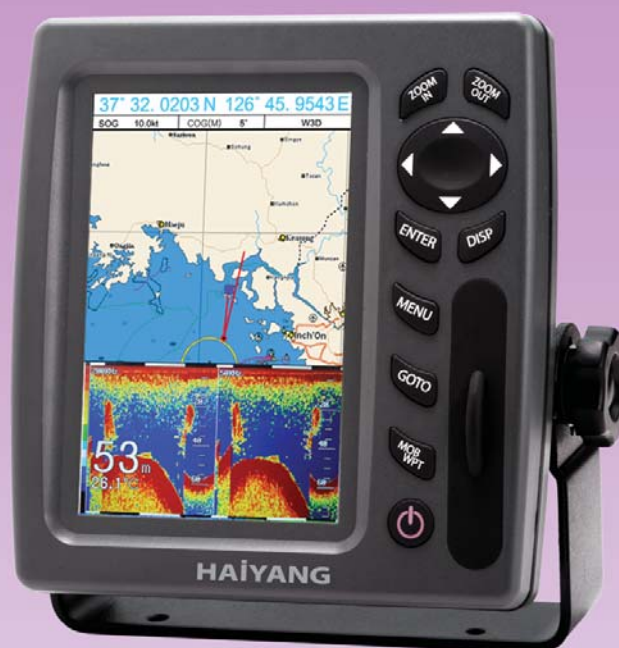
Wide 6.5inch Chartplotter Display

Model: HGP-660D/HGP-660DF

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 veiwing 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

◆ **Multi-language**

Selection of languages, English, French, Scandinavian, Italian, Spanish, Portuguese, Greek, Turkish, Korean, Chinese, Taiwanese, Vietnamese, Thai, Indonesian, Malaysian, Aarbic, 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.

◆ **Active Antenna(Optional)**

The Plotter receive GPS NMEA signal to get position as an option.
The active antenna is connected to NMEA input port.

◆ **Echo Sounder(HGP-660DF)**

- High analysis of the underwater
- Dual frequency (50/200KHz)
- Full screen(8 inch) supports



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Web-site : <http://www.haiyang.co.kr>

The HGP-660D and the HGP-660DF are different models.

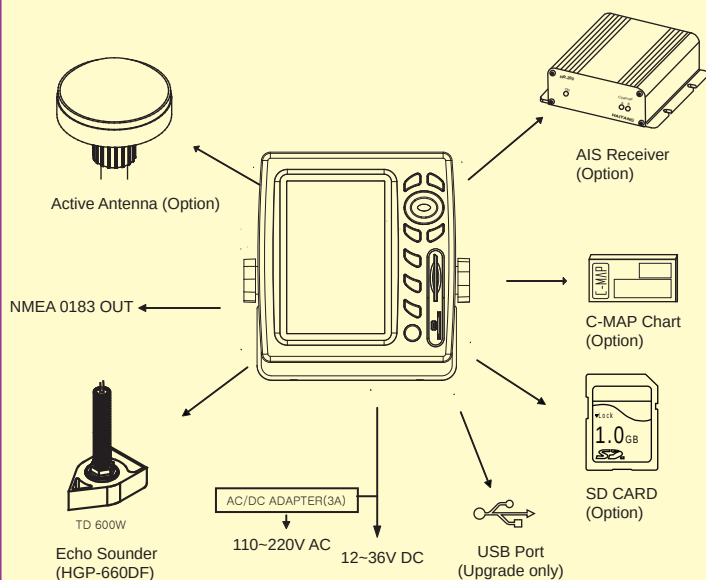
GENERAL SPECIFICATION (Voltage range: DC 10.8~35V)

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
The active antenna is connected to NMEA input port.

DISPLAY 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

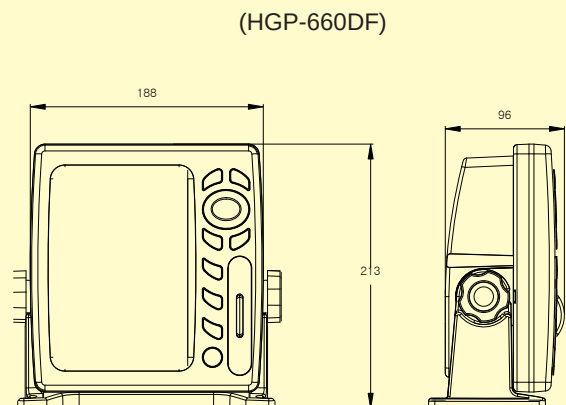
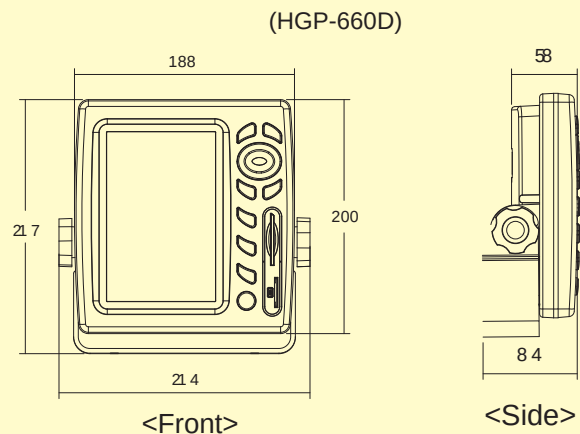
Interconnection Diagram



ECHO SOUNDER SPECIFICATION (HGP-660DF)

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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