



8 inch Color Stand-alone Chartplotter and Combo

Model: MX-80 MKII / 80F MKII



**Windows OS**

**LED Backlight**

**Low Power Consumption**

**Real Time Recording**

**Various AIS INFO Display**



**High Speed CPU**

High speed CPU(667MHz) is built-in. High speed zoom-in/out, high speed moving cursor, real time recording, multi-media(music, movie, etc), various harbor information available.

**High Accuracy**

New Haiyang's GPS Engine, "C-50" supports the high accuracy of the position. Real-time head-moving is available

- DGPS
- SBAS(WAAS, etc.)

**USB/SD support**

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

**Three Chart Systems**

Three chart systems C-MAP(SD)/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.

**Windows OS**

Easy operation with Turbo keys on Windows.

**Entertainment**

Picture, music, movie, game support for more joyful navigation and fishing.

**Fishfinder(MX-80F MKII)**

Super anti-noise filtering, "C-WEB" digital technology provides you to the ultra clear FF image you've never seen in the world. Particularly, with the most advanced decoding activity, it's available to see the fish's size in any where you're on the water.

- Auto-shifting for the bottom
- Digital noise filtering / Water temperature
- High analysis of the underwater
- Dual frequency (50/200KHz) / Full screen(8 inch) supports
- Direct Show the fish symbol on the screen

**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.



103-903 Bucheon Technopark 364 Samjeongdong Ojeonggu  
Bucheon Gyeonggi, Korea  
TEL : +82 32 327 4712 FAX : +82 32 327 4713  
Web-site : <http://www.haiyang.co.kr>

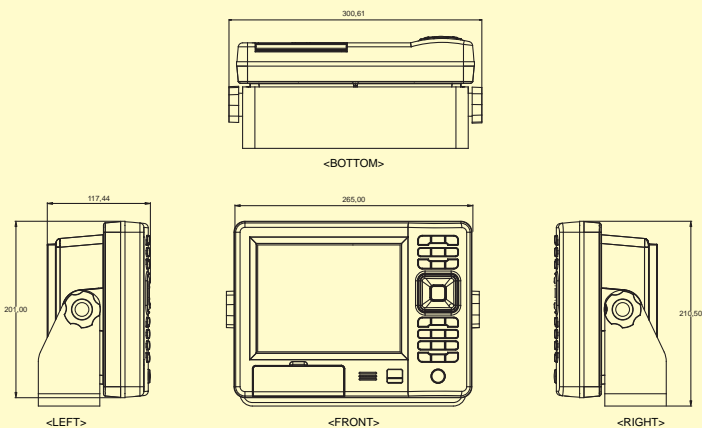
## GENERAL SPECIFICATION

1. Operating systems Microsoft Windows
2. Display Screen  
8 inch VGA color LED Display
3. Power Supply  
DC 12V~36V(±10%), 12W(MX-80 MKII)/18W(MX-80F MKII)
4. Operating Temperature  
Display Unit -15°C~+50°C  
Antenna Unit -25°C~+70°C
5. Performance Standard  
IMO Resolution MSC.112(73)
6. Option  
Entertainment Media Player, AIS  
Wire/Wireless Remote Controller, SD,  
USB memory, USB printer(HP only)  
CCTV Camera, Video-in (TV, VTR, DVD, etc)  
Monitor(Remote display)

## 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 1,500nm
5. Map Datum WGS-84
6. WPT/MARK 20,000 points
7. Track Point 50,000 points
8. Route 100 Routes
9. Draw Point 1,000 points
10. Area Name 1,000 points
11. Chart Data HY-Chart/C-MAP MAX  
External chart(SD)
12. Output Data NMEA-0183
13. Input Data NMEA-0183
14. Alarm Arrival, Anchor, Off course,  
Interval timer AIS, Depth,  
Fish-school, Water temperature

## Dimensions



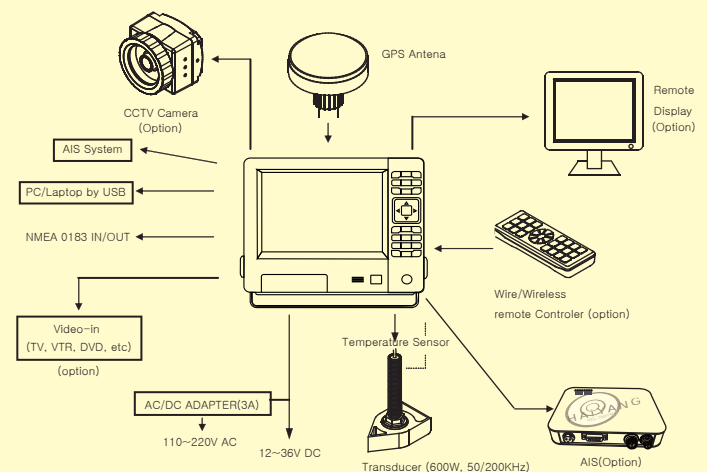
## GPS RECEIVER SPECIFICATION

1. Receive Type  
L1 frequency(1575.42MHz), C/A code
2. Number of Channel  
50 channel over
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, etc)

## ECHO SOUNDER SPECIFICATION (MX-80F MKII)

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. Depth Range speed  
2.5m ~ 1,200m
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, fish symbol

## Interconnection Diagram



\*SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

Certified to ISO 9001/2000

**Haiyang OLIX CO., LTD.**  
103-903 Bucheon Technopark 364 Samjeongdong Ojeonggu  
Bucheon Gyeonggi, Korea  
Tel : +82 2 3274712 Fax: +82 32 3274713  
Web-site: <http://www.haiyang.co.kr>  
E-mail: [sales@haiyang.co.kr](mailto:sales@haiyang.co.kr)

04723H Printed in Korea