



10.4 inch Color Stand-alone Chartplotter and Combo

Models: MX-140MKII/140FMKII



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-140F 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.



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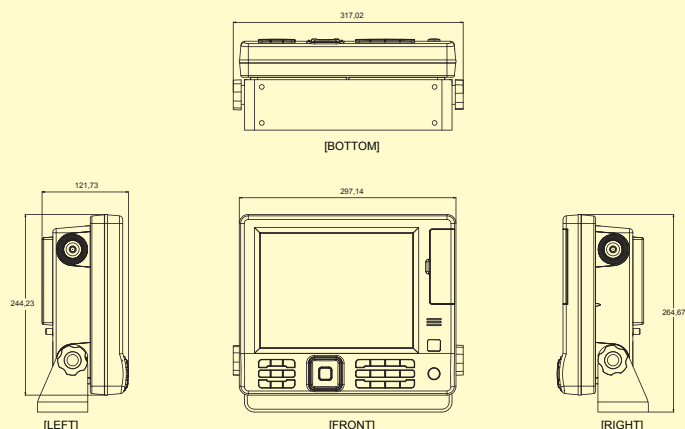
GENERAL SPECIFICATION

1. Operating systems Microsoft Windows
2. Display Screen
10.4 inch VGA color LED Display
3. Power Supply
DC 12V~36V(±10%), 12W(MX-140)/18W(MX-140F)
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



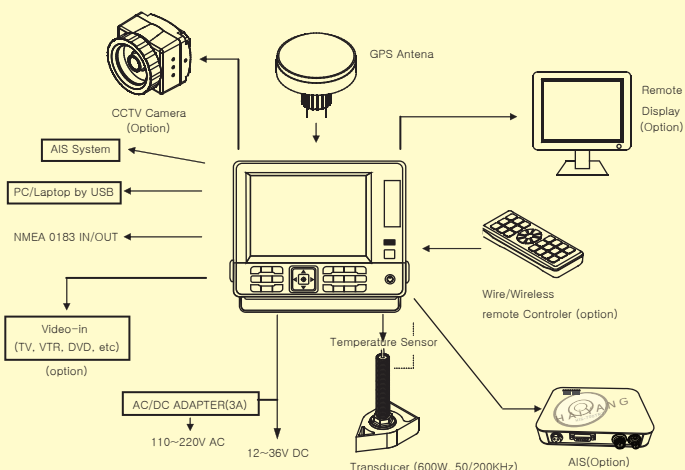
GPS RECEIVER SPECIFICATION

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-140F)

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

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