



VGA GPS Chartplotter Controller

Models: MX-380



Windows OS

Real time recording

Background Satellite Image

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

Positioning the precise present position from
accuracy GPS system.

- 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(Optional)

Block box type of optional echo sounder is available.



Remote controller

Operation with the wire/wireless waterproof
remote controller. The remote controller has lights
for viewing at night, the soft rubber touch pad.



Information

Images of Harbor, signs, facilities, web-pages.



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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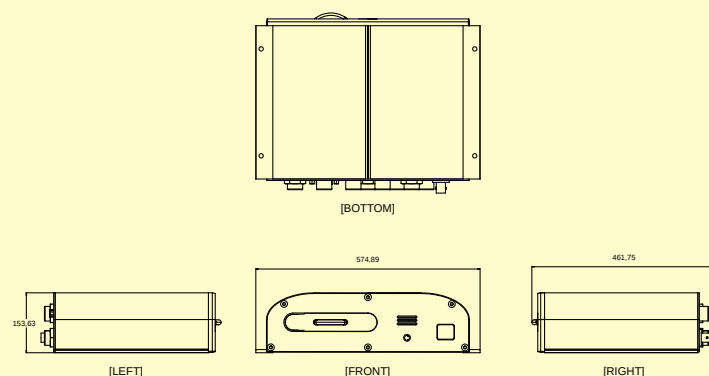
GENERAL SPECIFICATION

1. Operating systems Microsoft Windows
2. Display Screen(Optional)
Digital port : 1024×768 pixels
Analog port: 800×600 pixels
3. Power Supply
DC 12V~36V(±10%)
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, Display unit,
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



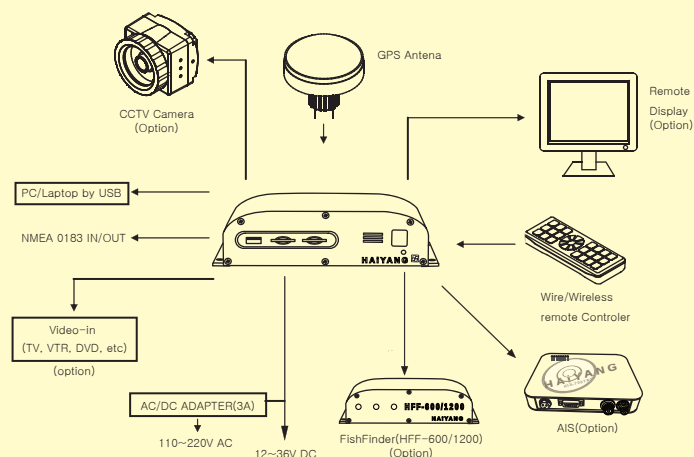
GPS RECEIVER SPECIFICATION

1. Receive Type
L1 frequency(1575.42MHz), C/A code
2. Number of Channel
12 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 (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 / 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

Interconnection Diagram



*SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

Certified to ISO 9001/2000

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04723H Printed in Korea