

ONWA[®]

High Resolution LCD GPS Chart Plotter

MODEL **KP-622MKII/623MKII/823MKII/1223MKII**

- High Resolution Day-View TFT LCD (KP-623MKII/823MKII/1223MKII)
- Detail Map data (K-chart)
- Tide Table
- 260MHz High Speed Microprocessor, quick map redraw speed
- Multi-Interface connection to Radar and AIS
- High stability GPS receiver
- Multi-level COG and SOG filtering
- High capacity of Track, Waypoint and Marks memory



KP-1223MKII



KP-622MKII



KP-823MKII



KP-623MKII

Plotter Characteristics

1. Display :

- KP-622MKII: 5.7" (119mm×97mm), 320×240, 8 levels greyscale LCD
- KP-623MKII: 5.7" (119mm×97mm), 640×480, Color TFT LCD
- KP-823MKII: 8" (162mm×121.5mm), 640×480, Color TFT LCD
- KP-1223MKII: 12" (246mm×184.5mm), 800×600, Color TFT LCD

2. Waypoints : Up to 18,000 waypoints, including the optional logo, or as geographic information.

3. Routes : Up to 50 routes (300 waypoints for each route)

4. Tracks : 40 Tracks, including 1 real-time track record, 39 history track records, 2100 points for each track, 84,000 points in total, the information of each point including the time, location and direction

5. Marks : Up to 99 kinds of marks for various objects

GPS Characteristics

1. Satellite Receiver Type : 50 Channels, GPS L1 frequency, C/A Code

2. Horizontal Position Accuracy : Autonomous < 2.5m, SBAS < 2.0 m

3. Velocity Accuracy : 0.1m/s

4. Heading Accuracy : 0.5 degrees

5. Time-To-First-Fix :

Cold Start (Autonomous) : 32 s

Warm Start (Autonomous) : 32 s

Hot Start (Autonomous) : <1s

6. Max Navigation Update Rate : 4 Hz

7. Dynamics : ≤ 4g

8. Operational Limits : Velocity 600 m/s

Data Interface

1. RS-232 serial port : NMEA2.0 and the data exchange with other equipment.

2. USB1.0 Slave : To upgrade the software and map data.

Physical

1. Cabinet : ABS all-sealed and waterproof design

2. Size :

KP-622MKII/623MKII: 206×141×67 mm

KP-823MKII: 285×188×63.5 mm

KP-1223MKII: 370×242×83 mm

3. Weight :

KP-622MKII/KP623MKII: 0.7 kgs approx.

KP-823MKII: 1.65 kgs approx.

KP-1223MKII: 2.8 kgs approx.

4. Temperature :

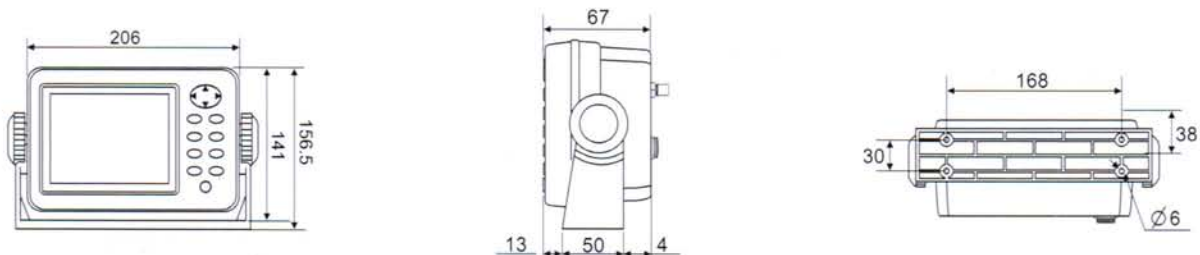
-30 °C to 65 °C (working temperature)

-35 °C to 75 °C (Storage temperature)

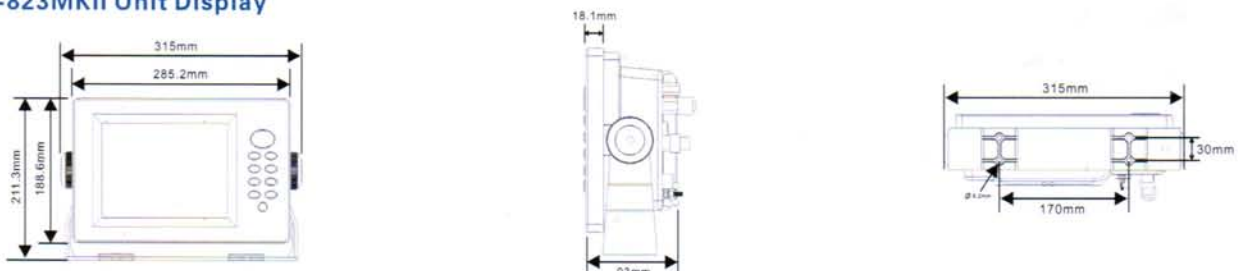
Equipment List :

1. Display unit
2. GPS antenna with 10m cable
3. Operator Manual
4. Standard accessories and Installation kit

KP-622MKII/623MKII Unit Display



KP-823MKII Unit Display



KP-1223MKII Unit Display

