



7 inch wide GPS Navigator MODEL CP-700



General Specifications

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|------------------------|---|
| 1. Display | : 7.0 inch WVGA LCD screen 800 x 480 dots with white backlight LED |
| 2. Screen mode | : Map + information, Full Map, CDI, Satellite Info, 3D Highway display |
| 3. Position Coordinate | : Lat/Lon (dd mm.mmm) |
| 4. Track point | : Total 262,144 points, 200 track lines. |
| 5. Waypoint | : Total 10,000 point (8 character, 8 color) |
| 6. Route point | : 200 routes x 48 points for each route |
| 7. Mark point | : 6,000 points, 24 symbols, 8 colors |
| 8. Boundary | : 3,200 points |
| 9. MOB | : 1 point |
| 10. Map scale | : 0.01, 0.02, 0.05, 0.1, 0.2, 0.5, 1, 2, 5, 10, 25, 50, 100, 200 NM |
| 11. Alarms | : Classic Menu: Anchor, Arrival, XTE, Boundary, No Fix, HDOP
Standard Menu only: CPA, TCPA, Overspeed, AIS. |
| 12. Distance Units | : Nm or Km |
| 13. Datum | : WGS-84 and other 110 Datum depend on GPS engine built-in datum |
| 14. Menu Style | : Standard, JMC Classic Style |
| 15. Menu Language | : English, Simplified Chinese, Traditional Chinese, Vietnamese, Malay, Turkish, Thai, Greek, Indonesian, Japanese |
| 16. MAP coverage | : South coast China, Taiwan, Philippines, Vietnam, Thailand, Malaysia, Indonesia, Myanmar, Australia, New Zealand, Papua New Guinea, Middle East Asia, Mediterranean, Africa or C-Map Cartography |
| 17. MAP orientation | : North-up, Head-up |
| 18. MAP palette | : Auto, Standard, Day, Night, Cloudy |
| 19. Tidal Graph | : Tidal data include |
| 20. Calendar | : English and Lunar calendar available |
| 21. Compass Interface | : Arrow to HDT, COG(Standard Menu) |

Internal GPS Specification

1. Receiver : 22 tracking / 66 acquisition-channel GPS receiver.
2. Frequency : 1575.42 MHz C/A code
3. Position update : 1 sec.
4. Accuracy
 - Position : <15 meters, 95% typical
 - Position SBAS differential : <3 meters, 95% typical
 - Velocity : 0.1 knot RMS steady state
5. Dynamics : 999 knots velocity, 4g
6. Cold start time to Fix : 38 sec.
7. SBAS (Differential) : WAAS, MSAS, EGNOS
8. Antenna cable : RG-58U, 10m

Interface

1. NMEA0183 Input (RS422) : 4,800 baud, GSA, RMC, GGA, VTG, ZDA, GSA, HDT, DPT
2. NMEA0183 output (RS-422) : 4,800 baud, RMC, GGA, VTG, XTE, APB, BOD, RMA, RMB, WPL, BWC
3. External AIS Input : 4,800 baud
4. Heading sensor Input : HDT sentence from Gyro Compass, Magnetic Compass or GPS compass

Power Supply

1. Input Voltage Range : DC 11 - 36 V
2. Power consumption : 6 W (MAX 10W)

Dimensions

1. Dimensions : 214 mm x 206 mm x 97mm (235mm x 238 mm x 103 mm with bracket and knob)
2. Weight : 1.6 Kg (with bracket and knob)

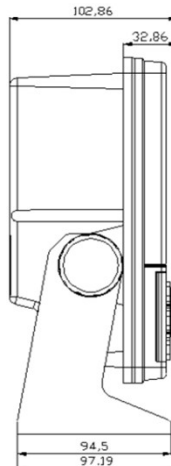
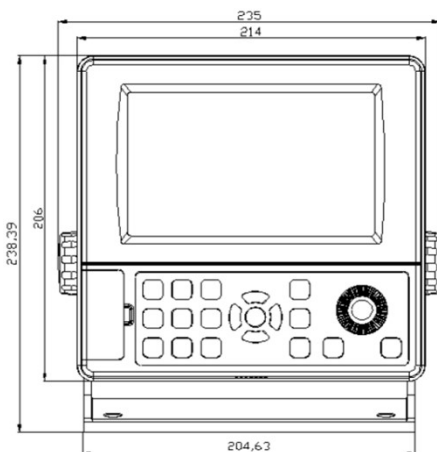
Environment

1. Operating Temperature : -15°C - +55°C
2. Storage temperature : -20°C - +70°C
3. Operating humidity : 0% to 93%

Internal AIS Receiver Option (factory pre-install)

1. AIS Receiver type : Receiver Built-in type
2. Applicable standard : IEC62287-1, IEC-61162, IEC 60945, ITU-R M.1371
3. Frequency Range : 161.975 MHz - 162.025 MHz
4. Channel Band Width : 25 kHz
5. Receiving Message format : AIS Class A & B Messages
6. Sensitivity : < -107 dBm @ PER < 20%
7. Power Consumption : 1W @ 12V

Note: All specification are subject to change without notice or obligation.



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