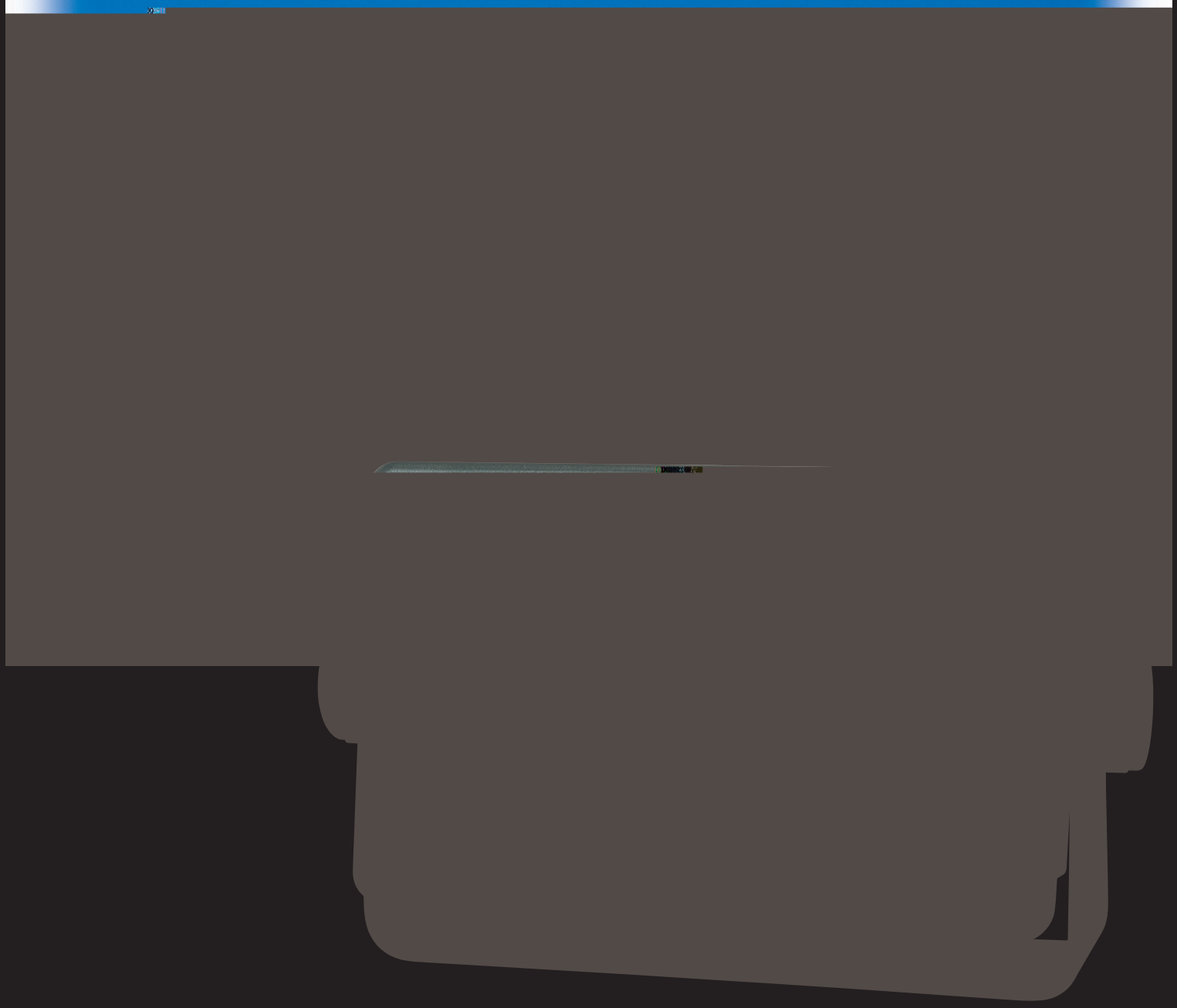
JRC

JLR-7700MKⅡ

12-Channel Parallel for simultaneous reception of 12 satellites.
The DGPS Navigator composed of a DGPS receiver and a LCD display unit ensures very accurate position fixing.



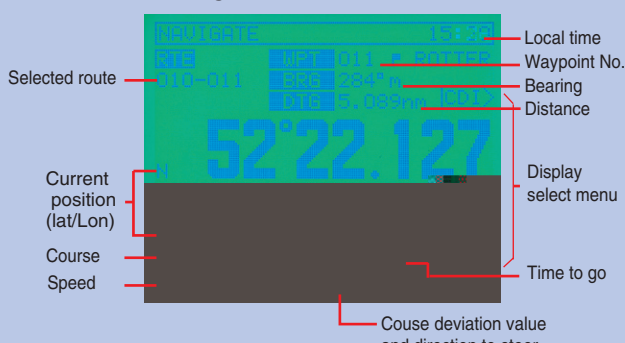
JRC

Very accurate DGPS position fixing, larg

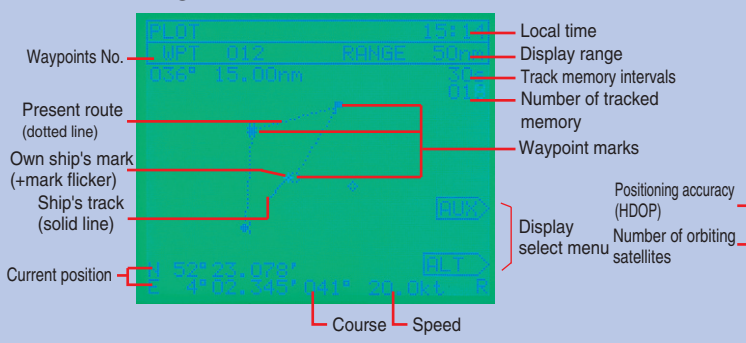
The DGPS Navigator offers position fixing with high accuracy
Own ship's position, course, speed, planned route, bearing ar

DISPLAY EXAMPLES

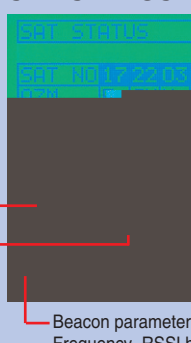
NAVIGATE



PLOT



SAT STATUS



ge LCD graphics and simple operation

Actual size

NNN-4331
DGPS Receiver

DGPS NAVIGATOR
JLR-7700MKⅡ

●Large LCD Display
Necessary navigational information can be displayed on a large LCD screen at a glance, ensuring simple operation without troublesome switchover of displays.

●More Accurate DGPS Positioning
Differential GPS position data is automatically received in DGPS service areas, and own ship's position fixes are displayed with very high accuracy.

●Waypoint Memory
Up to 499 waypoints can be stored in the internal memory with their place names in 8 alphanumeric characters.

●Data Outputs
Two data ports are provided: one is an RS-422 port, and the format is selectable from NMEA0180, NMEA0183 (version 1.5 or 2.1) and a JRC.

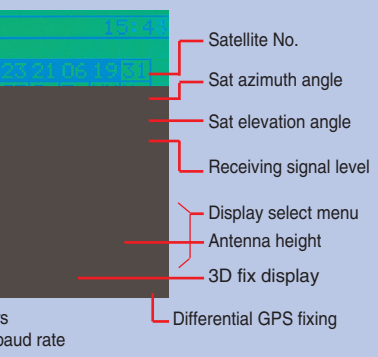
●Navigational Calculations
Navigational calculations are made in the Great Circle or Rhumb Line mode.

●Loran C/A TD Display
The GPS position fixes can be converted into Loran C or A time difference values and displayed on the LCD screen.

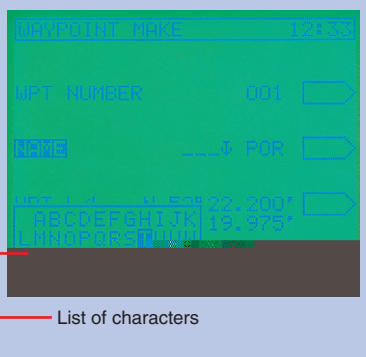
●Relay Contact Output
A log pulse or external buzzer alarm signal is available from the relay contact output.

●Weather information display
Local weather and sea conditions in coastal sea areas of Japan can be displayed.

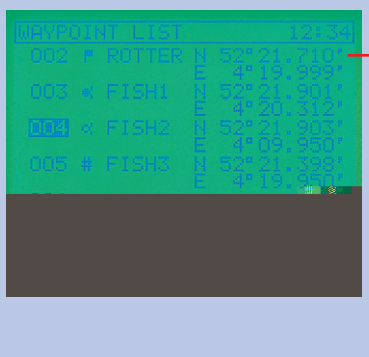
anywhere in the world.
nd distance are displayed on the large LCD screen.



WAYPOINT MAKE



WAYPOINT LIST



SPECIFICATIONS

Position Accuracy

GPS position fix: 15 m 2D RMS (HDOP≦4)
DGPS position fix: 5 m 2D RMS (HDOP≦4)

Beacon Receiving

Receiving frequency: 283.5kHz to 325kHz
Frequency step: 500Hz
Beacon station selection: Automatic or manual setting of a frequency and baud rate.
Demodulation: Minimum shift keying(MSK)
RF bit rate: 50/100/200 bps

General Functions

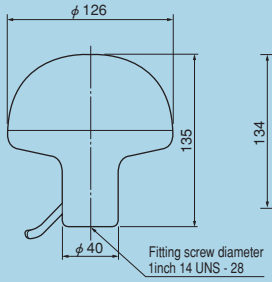
Display type: 5-inch STN LCD, 160×128 dots
Back-lighting: EL (LCD), lamps (keyboard)
Waypoint memory: Up to 499 waypoints including 100 event marks (WPT No. 400 to 499), each point with a place name in 8 alphanumeric characters
Route plan: One route with up to 499 waypoints
Alarms: Waypoint arrival, cross track error, anchor watch, boundary and no-fix
Position correction: Selectable from 46 geodetic datum, and manual lat./lon. entry
Display language: English or Japanese
Operating temperature: DGPS Receiver: -25 to +55℃
Display Unit: -15 to+55℃
Power requirements: 12/24 VDC, 10W or less
100/220 VAC with AC power supply unit (option)

COMPONENTS(Standard)

Component	Model	Q'ty
Display unit	NWZ-4570B	1
DGPS Receiver	NNN-4331	1
DC Power cable	CFQ-3598B	1
Screw mount	MTV302007	1
Fitting belt	MPBP02520	1set
DGPS connection cable	CFQ-8919	1
Junction box	NQE-7700	2
Pole mounting kit	MPBP30608	1kit
Instruction parts	Copper tape, Connector	1set
Spare parts	2A Fuses	3
Instruction manual		1copy
Extension cable	250V-MPYCYS-5	Option

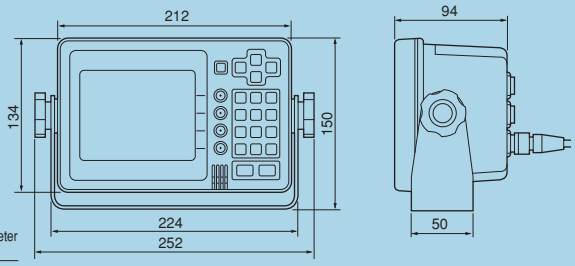
DIMENSION

DGPS Receiver (NNN-4331)



Mass: Approx. 1.7 kg

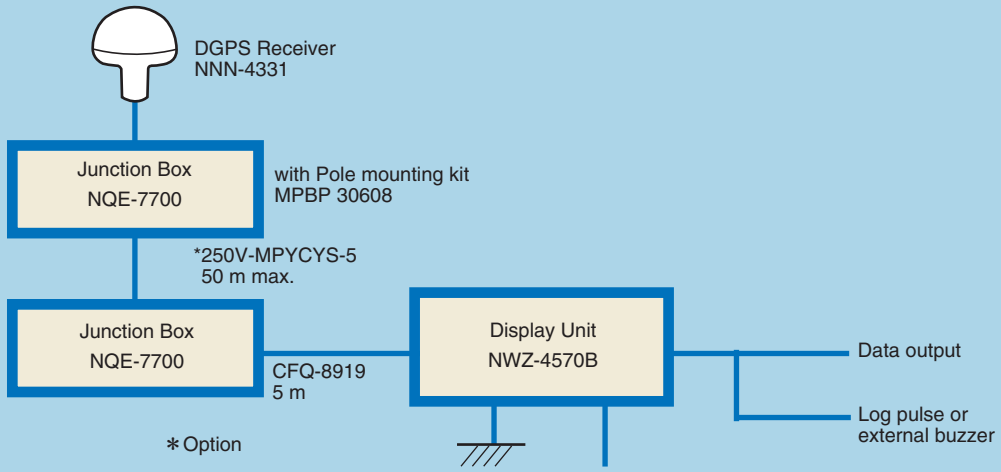
Display Unit (NWZ-4570B)



Mass: Approx. 1.8 kg

Unit:mm

SCHEMATIC DIAGRAM



• Specifications may be subject to change without notice.

For further information, contact:

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27EM

ISO9001, ISO14001 Certified