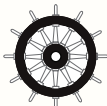


JAN-2000 ECDIS



Complies with new SOLAS regulations
MSC 232(82) performance standard for
ECDIS, effective from 1 January 2009.



– JRC's new high performance ECDIS represents a significant step change in terms of cost-effectiveness

- 19-inch high visibility displays**
- Simultaneous display vector and raster charts**
- Multiple and wide screen viewing**
- Flexible black box configuration**
- Cost effective installation**

JAN-2000

– performance features

Cost-effective solution

The new JAN-2000 ECDIS system is fully type approved, and because of its controlled interface it is also highly cost-effective. It only has gyro, log and GPS as standard. TCS and radar overlay is not possible.

Standard

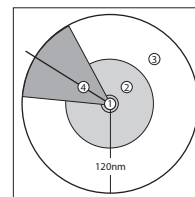
- Gyro
- Log
- GPS

This makes the JAN-2000 an economical and well-fitted ECDIS solution yet still integrates the high performance standard you would expect from JRC.

AIS targets

The AIS is an important key device used to indicate AIS target symbol and information on the ECDIS. These targets are very useful, as it provides the maneuvering conditions of other ships at a glance, allowing for safe and effective navigation. The name of the vessels, and bearing, range, speed, length, heading and much more AIS target specifics from other ships are received and displayed. The AIS symbols are continuously displayed on-screen without the influence of the radar characteristics. The AIS targets are never shielded by ground, rain or cloud reflections, nor are they eliminated by adjustments of anti-sea or anti-rain clutter.

Also, it is easy to active, deactivate and switch between AIS target symbols. This simply can be done with an integrated AIS filter, prioritising the targets within a dedicated area.



1. vessels' position
2. ring area
3. sector area
4. heading area

Multi-view

Multiple and wide screen viewing is possible with the new JAN-2000. You can divide the chart screen into two sections, in which the same or different charts can be displayed, in a mixture of ways. In this field of view, it provides a 'look-ahead' capability, especially useful in coastal areas. With the wide screen view function, an additional screen in the display area, showing a segment of the chart, allows viewing at a glance.

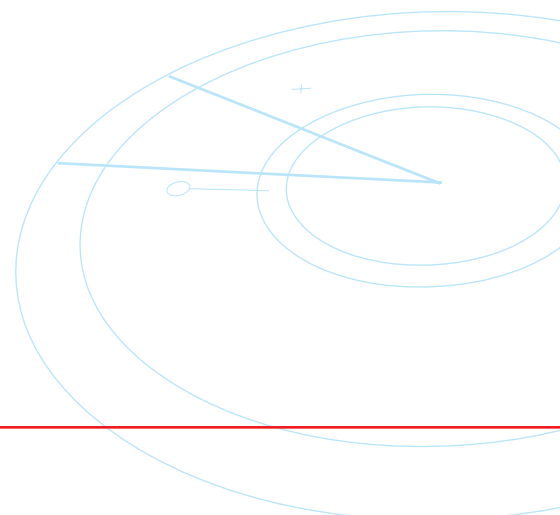
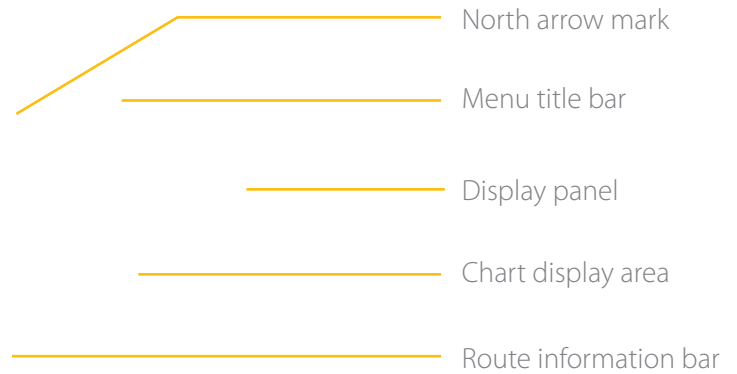


JAN-2000

– developed for maximum ease of use

Grounding avoidance

As standard, the JAN-2000 integrates a grounding avoidance function, which protects vessels from collision and entering dangerous areas. This system allows real-time display of the ship's position on electronic charts, allowing to easily avoid routes for dangerous areas. You can simply make a crossing warning and it is possible to check safety contour lines and dangerous at the route planning stage.



onomically configured

JAN-2000

– system flexibility

Flexible black box configuration

The processor unit is the heart of the JAN-2000, and shares the same simple configuration as the current JAN-701B/JAN-901B ECDIS series, contributing to an enhanced system configuration. It is also possible to install our type approved 19-inch LCD display as alternative.

Interfaces

On the back of the processor you will find four USB ports, a DVD drive and a floppy disk drive. Simply connect a printer, USB storage device for saving and reading files, or you can plug in a C-Map dongle for your charts.



Advanced route planning

The advanced nature of JRC's new JAN-2000 ECDIS system allows route planning in different ways. Either plan your route by using the table editor, while displaying current waypoint or graphically draw your next waypoint on the chart. Editing the route is just as simple as inserting. Dedicated menus are readily available to assist the mariner in effective route planning. Not only can you save the routes, but import favourite or commonly used files, even from previously ECDIS models, using industry-standard CSV format.

Route planning with table editor while displaying waypoints

During the voyage, you can add an alternative route, which can be displayed simultaneously. You can move, insert, add and delete waypoints instantly and easily exchange the alternative route with route in progress, at your own convenience.



Man OverBoard

Some items could strike you on the vessel, a slippery deck or unexpected movement of the vessel are situations in which a person may possibly fall of the vessel. The JAN-2000 integrates a single-press Man OverBoard (MOB) operation. Instantly, a dedicated symbol arises on the screen, providing a range detailed info such as positioning, bearing, range and time till arriving at MOB. This emergency system enables immediate and accurate search and rescue efforts.

What's standard in the box?

1. Display ¹	Which cables?	Std.
2. Keyboard	Display to processor	5 m
3. Processor	Keyboard to processor	5 m
4. Cables		
5. Spare parts		
7. eToken for C-Map Ed.3		
8. Manual (English)		

¹ 19-inch standard (including bracket)

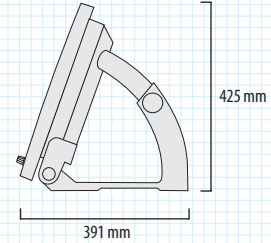
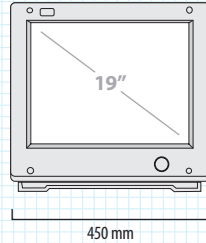


JAN-2000

– dimensions and weights

Dimension drawings - Display

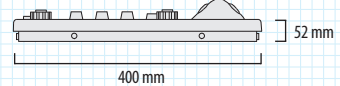
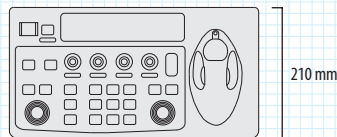
NWZ-173-E Weight 12,1 kg



cutout for panel mount height 319,6 mm, width 416 mm, depth 80 mm

Dimension drawings - Keyboard

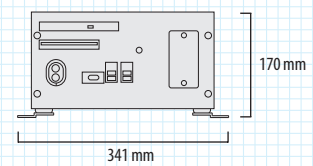
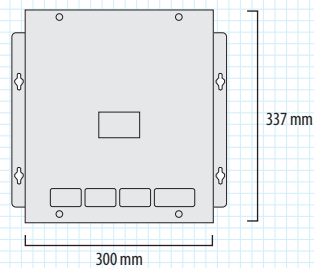
NCE-7721C Weight 3,5 kg



cutout for panel mount height 94 mm, width 384 mm, depth 34 mm

Dimension drawings - Processor

NDC-2000 Weight 10,5 kg



JAN-2000

– specifications