Color Plotter

JLZ-1000



※LCD monitor option

Rapid chart rendering and display capabilities for the latest NAVIONICS®+ charts

- Split-screen functionality lets you view multiple kinds of information simultaneously
- Update support maintains use of the latest charts*
- TT (ARPA) and AIS operation-assistive display capabilities installed
- New control additions for simple easy to use
- The user's ship's tracks and marks can be imported from other JRC devices

*At customer discretion

JRC Japan Radio Co., Ltd.

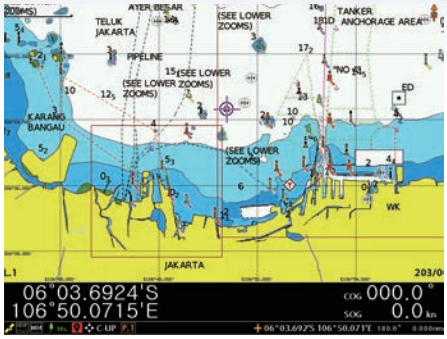
Rapid chart rendering and display capabilities for the latest NAVIONICS®+ charts



※LCD monitor option

Support for latest NAVIONICS®+ charts

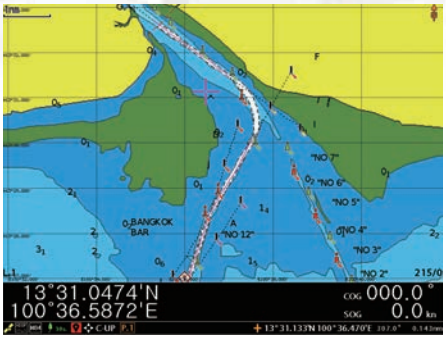
The newest NAVIONICS®+ allow for incredibly detailed display of sea areas. The JLZ-1000 color plotter also has a high-speed display for stress-free navigation and chart updates to let you operate using the latest data.



《Jakarta port》

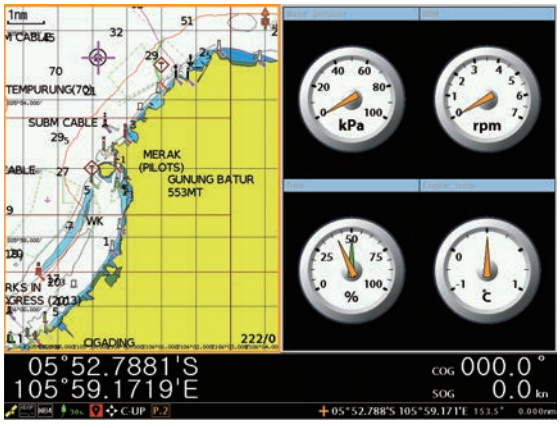


《Singapore port》



《Bangkok port》

Split-screen functionality to view various information simultaneously



《Half-screen display》



《Quarter-screen display》

Split-screenoptions

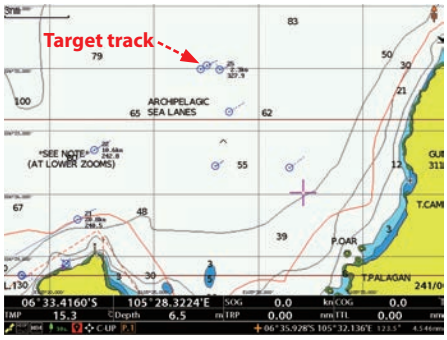
- Halves
- Thirds
- Quarters

Display up to four kinds of various information including charts, highways, analog meters*1, and monitoring displays*2 in split-screen simultaneously.

*1：Connect the CAN unit to display engine and fuel information.
*2：By connecting an external camera, a monitoring video feed can be displayed.

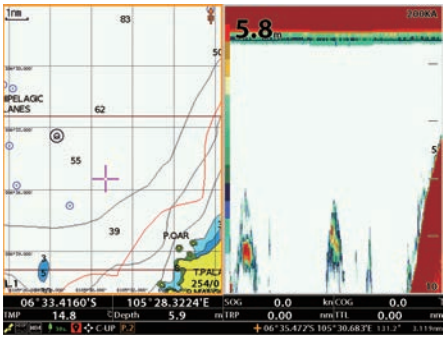
Full suite of features

Operation-assistive display features



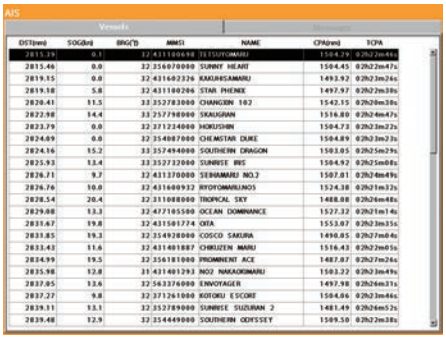
《TT (ARPA) display》

The radar's TT functionality displays the trails of other ships.



《Sounding display》

Displays the sounding function on connecting the transducer.



《AIS display》

Connect an AIS receiver to display AIS information.

New key layout for comfortable navigation

The JLZ-1000 allows you to carry out all operation simply by using the keyboard even in turbulent waters.

《Preset keys》

Assign different functions to each button.
Up to ten presets can be set in total.

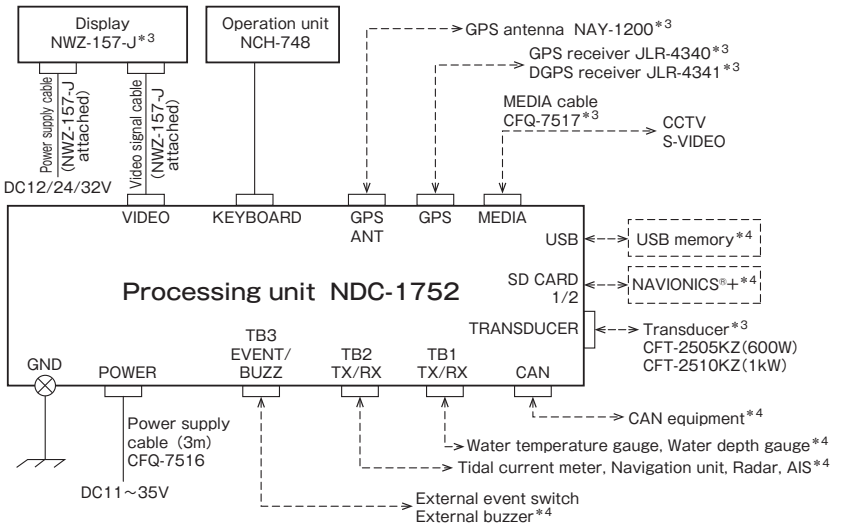
Pre-sets

- Set event mark
- Set cursor mark
- TT track display
- Screen display (charts, depth information, data readouts, highways, destinations, routes, GPS, AIS DSB, and NAVTEX information)
- Chart display settings
- Information readouts (TT, GPS buoys, AIS,DSB)
- Tracking information (water depth, temperature, currents, date, and time)

Preset key example



Diagram



*3: The following equipment is optional.

Display	NWZ-157-J
GPS antenna	NAY-1200
GPS receiver	JLR-4340
DGPS receiver	JLR-4341
MEDIA cable	CFQ-7517
Transducer	CFT-2505KZ/CFT-2510KZ

*4: The following equipment is customer discretion.

NAVIONICS®+
CAN equipment
USB memory
Water temperature gauge
Water depth gauge
Tidal current meter
Navigation unit
Radar
AIS
External event switch
External buzzer
External camera

Data conversion software is available. It helps you transfer your important content stored in a JRC's previous model to JLZ-1000.
For more information, please contact us.

Specifications

Name			Color plotter
Model			JLZ-1000
Functional performance			
Display			Resolution : XGA or SVGA / Instration : side
Valid display range			Latitude 85 degrees or less
Chart data			Overseas : NAVIONICS®+ / Japan : new pec
Display scale			0.1～5000nm (Screen width)
Display operation mode			North Up, East Up, West Up, South Up, Course Up, Head Up and Destination Up
Position data display			Latitude / longitude, LORAN C, LORAN A and Decca
Main screen display	Split (1 / 2 / 3 / 4 split)		Map screen (new pec : 2-screen display possible / NAVIONICS®+ : 1 screen only), highway, various types of data, sounding and video
	Non-split		GPS reception, AIS information, DSB information, NAVTEX information
Track	Saved information		Color, L / L, Water temperature, depth, current 5 levels (current / drift / current set)
	Save interval	Time	1, 2, 5, 10, 20, 30, 60, 120, 300, 600, 1200, 1800, 3600 seconds
		Distance	0.01, 0.02, 0.05, 0.1, 0.2, 0.5, 1, 2, 5, 10nm
	No. of points saved		500,000 points (Display : 50,000 points)
	Display color		7 colors (normal, depth, and temperature: switchable)
	Other ship's track	TT	100 targets (with saving main unit)
		AIS	300 targets (without saving main unit)
Mark (Destination)	Type		36 types
	No. of points saved		50,000 points
	Display color		7 colors
	Comment input		14 characters
Route	No. of points saved		100 routes (1 route 100 waypoints)
	Comment input		14 characters
Line	No. of points saved		Solid line 50,000 points, Fill 50,000 points
	Display color		7 colors
Others			External event input, external buzzer output (log pulse), GPS buoy data input and DGPS224 / GPS124 receiver direct connection
Input power supply voltage			DC11～35V
Power consumption			Less than 25W
Serial communication (input output)			
No. of input/output systems			NMEA0183, JRC : 2 output systems, 2 input systems CAN : 1 system
Format			NMEA0183, JRC / CAN
NMEA0183 version			Ver1.5 / 2.1 / 2.3 / 4.0
NMEA0183 output sentence			APA, APB, BWR, DBT, DPT, GGA, GLL, GSA, GSV, HDT, MTW, RMB, RMC, VHW, VTG, XTE, ZDA
NMEA0183 input senetence			CUR, DBK, DBS, DBT, DPT, GGA, GLL, GNS, GSV, HDG, HDT, MDA, MTA, MTW, MWD, MWV, RMC, RPM, TLL, TTM, VHW, VTG, VWT, ZDA
CAN output sentence			128259, 128267, 129026, 129029, 129283, 129284, 129285, 130310
CAN input sentence			128259, 128267, 129026, 129029, 130310
Environment conditions			
Operating temperature range			Processing unit : −10℃ to +50℃, Operation unit : −15℃ to +55℃
Storage temperature range			−25℃ to +70℃
Waterproof			Processing unit : IP22 (floor-mount) / IP20 (wall-mount)、Operation unit : IP22

- new pec is the name of the new personal electronic chart that is made available the Japan Hydrographic Association.
- NAVIONICS®+ is a registered trademark of Navionics.
- NAVIONICS®+ is the electronic chart data that is made available by Navionics. For the information regarding the NAVIONICS®+ electronic chart, please contact JRC.

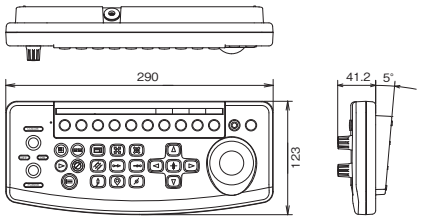
Configurations

Item name	Mode	Q'ty
Standard configuration		
Processing unit	NDC-1752	1
Power supply cable	CFQ-7516	1
Spare fuse	51NR205000	1
	51NR207000	1
Operation unit	NCH-748	1
Velcro tape	MTZ302573	2
Flush-mount kit	MPTG31340	1
Instruction manual	7ZPNA4661	1
Simple operation guide	7ZPNA4663	1
Options		
GPS receiver	JLR-4340	
DGPS receiver	JLR-4341	
GPS connection cable	CFQ-9000	
Map card	CDD-812	
Operation unit mounting metal fitting kit	MPXP32938	
MEDIA cable	CFQ-7517	
GPS antenna	NAY-1200	
LCD monitor (15 inch)	NWZ-157-J	
LCD monitor (10 inch)	NWZ-211	
Transducer (600W)	CFT-2505KZ	
Transducer (1kW)	CFT-2510KZ	

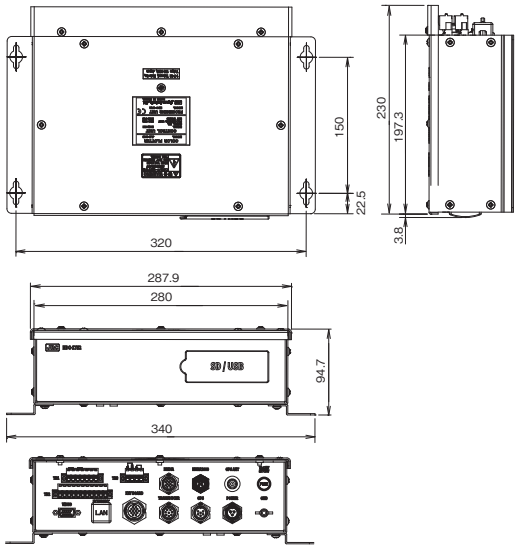
Dimensions

Operation unit NCH-748 Weight : About :1.1kg

unit : mm



Processing unit NDC-1752 Weight : About :2.2kg



• Specifications may be subject to change without notice.

For further information, contact:

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