

JLN-628

Doppler current meter



– a new high performance Doppler current meter displays tidal currents accurately

15" high visibility LCD screen

Various display modes available

Flexible configuration

Easy operation and highly reliable read-out

Four beam transducer for optimal performance

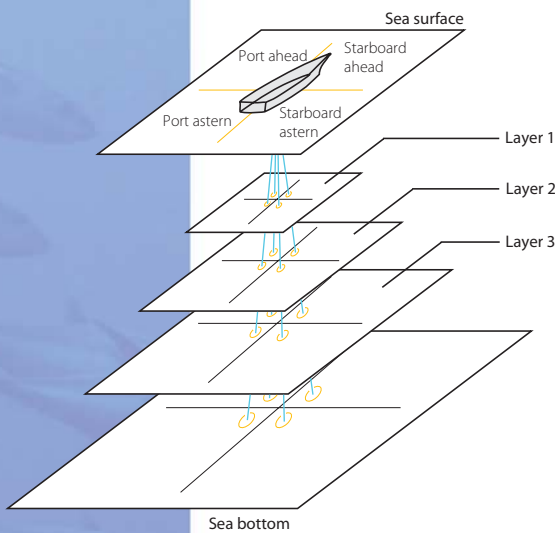
JLN-628 Doppler current meter – performance features

Unique features

- The JLN-628 Doppler current meter integrates a compelling combination of function and features, packed into a compact space-saving design, enabling quick and accurate acquisition of speed and tidal current data.

Three depth layers

The JLN-628 Doppler current meter allows continuous display of tidal currents at the three depth layers simultaneously (top, middle, bottom). The user can also select the depth of each layer. In addition, ground speed, depth and distance is always on display. This is a great source of information for safety when diving or fishing, it also enables you to foresee the appropriate net size and enhances your timing on when to deploy in the water.



Fish echoes

You can view fish echoes in four-directions, two-directions ahead, or in any one-directional mode, allowing for easy fish tracking. Just as any typical fish finder, you can set the display to the type of fish or sea conditions simply by adjusting the sensitivity. You can also monitor the tidal current conditions whilst displaying fish echoes.

Easy interfacing

This new Doppler current meter integrates two-way interfacing, allowing you to easily connect a wide range of additional (NMEA) navigation equipment.

JRC StarNetwork™

JRC has been providing sales and support of products since 1915. Today, JRC offers comprehensive assistance through its organisation, in partnership with a worldwide StarNetwork™ of over 270 fully trained and qualified partners and agents, assisting you 24 hours a day, 7 days a week and 365 days a year.



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One number to call
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JLN-628 Doppler current meter

– system flexibility

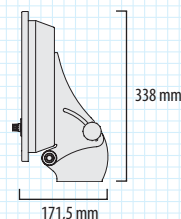
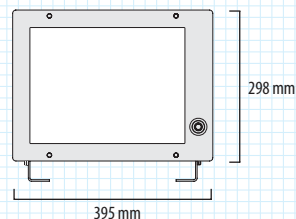
Flexible installation

The JLN-628 consist of a display, signal processor and keyboard, allowing for a flexible installation as the compact signal processor can simply be installed out of sight.

Existing JRC CRT Doppler current meter users (JLN-627H and JLN-628) can easily upgrade, without dry-docking to the new JLN-628 LCD version – keeping the same transducer and the same cabling that is already installed on the vessel.

Dimension drawings - Display¹

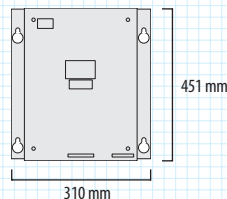
NWZ-164
Weight 5 kg



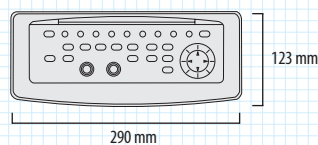
¹shown with optional bracket

Dimension drawings - Signal processor, Keyboard

NJC-23C
Weight 23 kg

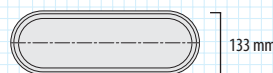
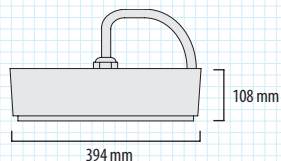


NCH-595
Weight 1 kg



Dimension drawings - Transducer² (through hull fitting)

NKF-765
Weight 25 kg



²optional

What's standard in the box?

1. Display¹
2. Signal processor
3. Keyboard
4. Cables
5. Spare parts
6. Manual (English)

Which cables?

Signal processor to display ¹	5 m
Signal processor to keyboard	5 m
Power cable to signal processor	5 m

¹not included in black box configuration

JLN-628 Doppler current meter

– specifications

Model		JLN-628
Display		
Display	15" colour LCD screen	
Display mode	tidal current, ship's speed, fish school, progress and ship's trail	
Numeric display	direction, depth, ship speed relative to ground/to course, ship speed relative to water/to course	
Graphic display	compass direction, distance, ahead-astern & starboard-port ship speed, water temperature absolute & relative tidal current vector, ship speed vector, fish finder echo, alarm ringer	
Tidal current		
Current speed	0 to 9.9kt	
Current direction	360°, numeric and rhumb (32 compass points) display	
Measured layers	absolute 3 layers, relative 2 layers (3 layers can be measured in relative current mode)	
Measured depth	1) 2 to 100m or more (≤70% of the depth),	
Depth setting	arbitrary at 2 - 200m	
Reference	doppler or GPS	
Ship speed		
Ahead-astern	-10.0 to 30.0kt	
Starboard-port	-9.9 to 9.9kt	
Bearing display	360°	
Measured depth	1) relative to ground 2 to 250m, relative to water 3m deep or more (simultaneous display of depths relative to grounding & water)	
Input/output signals		
Input	bearing data (NMEA0183) - HDT, VHW, HDM, HDG latitude/longitude data (NMEA0183) - RMC, GGA, GLL, VTG water temperature data (NMEA0183) - MTW	
Output	ship speed/current data (NMEA0183 ver2.3/3.0) - VDVBW, VDVLM, VDDBT, VDCUR, 2) VDRMC, 3) VDHTD distance run contact signals 200 pulses/nm JRC format signals - UART1, UART2	
Alarms	current speed, ship's speed, distance, timer, temperature	
Power supply	DC 20 to 32.4V, 200VA or less	
Transmitting frequency	240kHz	
Operating temperature	-15 to +55°C	
Optional items		
Transducer (H type)	CFT-067	
Stuffing tube - iron hull	MPJD30014A	
Stuffing tube - FRP hull	MPJD30016A	
Transducer with stuffing tube - iron hull	NKF-766T	
Transducer with stuffing tube - FRP hull	NKF-765	
Bracket for monitor	MPBX42944	
Temp sensor (requires CMH-1109)	CHG-97	
Temp sensor interface	CMH-1109	
Rectifier (AC 110 to 220V)	NBD-522	
NSK unit (north stabilising kit)	NCT-27B	
Mounting - remote display	NWW-49A (wall mount) / NWW-49B (flush mount)	
Sun shade	MPOL30369	

1) The measured depth may vary, depending on sea conditions

2) Output is available after input of latitude and longitude data (RMC) from external equipment.

3) Output is available after input of bearing data (HDT) from external equipment.

All specifications are subject to change without notification.

For further information please contact:



Japan Radio Co., Ltd.

JRC

Cessnalaan 40-42

1119 NL, Schiphol-Rijk, The Netherlands

T +31 20 6 580 750

F +31 20 6 580 755

E sales@jrceurope.com

W www.jrceurope.com