

JCX-151/152 BNWAS

JRC



– JRC's new Bridge Navigational Watch Alarm System is available in two models

- Available as LED or 4.3-inch LCD touch screen
- Compatible for Remote Maintenance System
- In/output to JRC's VDR , ECDIS and Radar
- Fully complies with IMO regulations
- Motion sensor available (option)

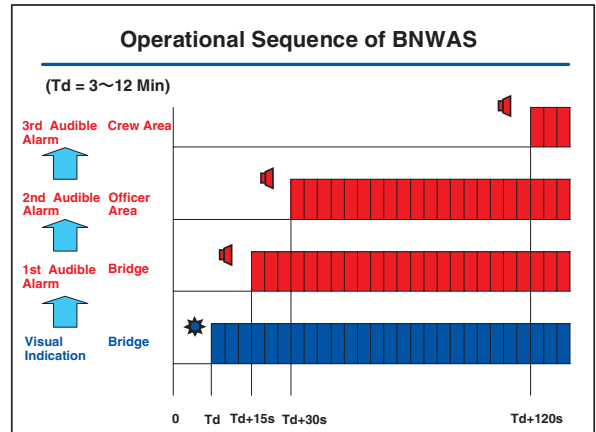
JCX-151/152 features

About BNWAS

The Bridge Navigational Watch Alarm System (BNWAS) main purpose is to monitor the presence of watch officers and their alertness for early detection of unsafe sailing conditions.

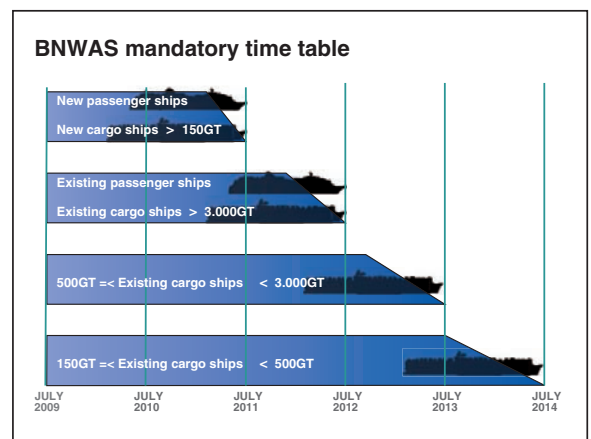
The user can define an interval sequence of between 3 and 12 minutes. This will only give a visual indication. The alarm can be reset at any point in time. There is a visual indicator of the time countdown. After the preset interval, an alarm sequence will go into effect.

When the officer fails to acknowledge within pre-set intervals, visual and audible alarms will be generated in the wheelhouse and other crew spaces as necessary.



IMO

BNWAS will be mandatory for all new build passenger ships and cargo ships above 150 GT constructed on and after 1 July 2011 and will be phased in for existing ships over the coming years.



Two display versions available

The JRC BNWAS is available in 2 versions (JCX-151/JCX-152) on its display, LED or LCD. The LED display showing at a glance alarm stages allowing easy operation. The LCD display with touch screen for high performance operation. Indication of time (with GPS), alarm history and registration of optional alarm's name is available with LCD display.



JCX-151

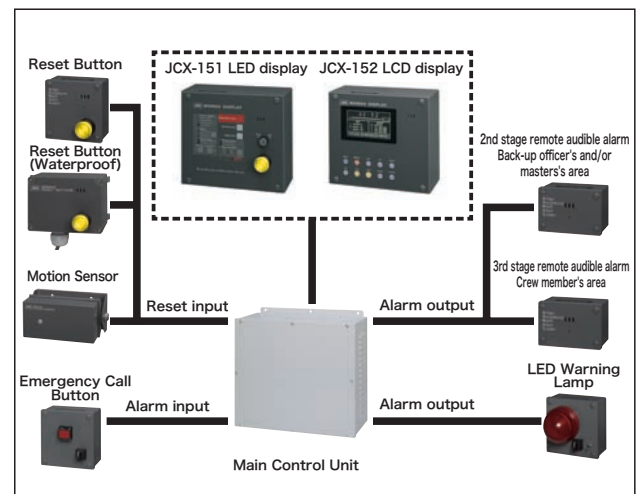
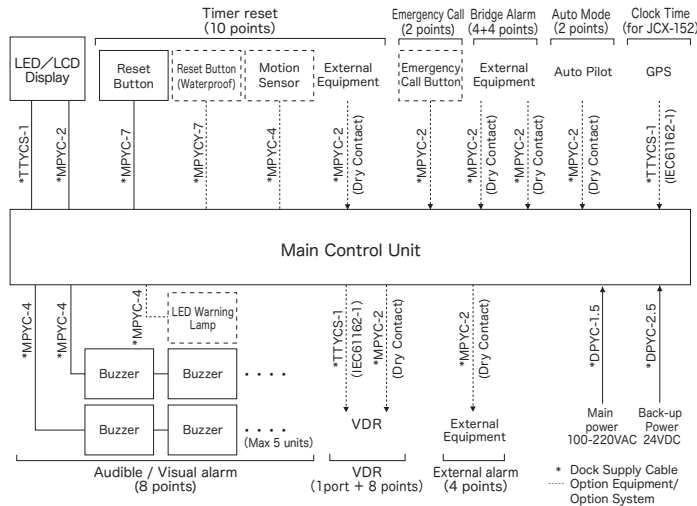


JCX-152

JCX-151/152 diagram and specifications

Options and interconnections

The JRC BNWAS has a range of standard (Main Control Unit, Reset Button Unit, Buzzer Unit) and optional units (Reset Button Unit (Waterproof), LED Warning Lamp Unit, Motion Sensor Unit, Emergency Call Button Unit and etc.) to fit any type and size vessels. Also JRC BNWAS have many I/O ports for interconnection with bridge navigational equipments. (Auto Pilot, Radar, ECDIS and etc.)



Specifications

Name		Bridge Navigational Watch Alarm System (BNWAS)	
Model		JCX-151	JCX-152
IMO		MSC.128(75)	
Display Unit		LED display	LCD display
Model		NCD-2189	NWB-63
Main Control Unit			
Model		NCK-169	
Input	Reset signal	10 points	
	Emergency call signal	2 points	
	Navigational equipment alarm signal	4 points	
	Navigational equipment remote ACK signal	4 points	
Output	Automatic mode signal	2 points	
	Visual/Audible alarm	8 points	
	Relay contact signal for VDR	8 points	
I/O	Navigational equipment remote ACK	4 points	
	Display	1 port	
	Contact unit	—	1 port
	VDR	1 port	
Protection	GPS(Clock)	—	1 port
		IP22	
Power supply		AC100~120V / 200~240V	
		DC24V	
Power consumption ¹		max. 268W	
Ambient conditions		-15~+55°C 93%@40°C	
Options			
Reset Button Unit		NCJ-878	
Reset Button Unit (Waterproof)		NCJ-879	
Buzzer Unit		NVS-765	
Motion Sensor Unit		NYG-4	
LED Warning Lamp Unit		NCD-2191	
Emergency Call Button Unit		NCJ-880	
Contact Input Unit ²		NQA-2290	
Contact Output Unit ²		NQB-1029	

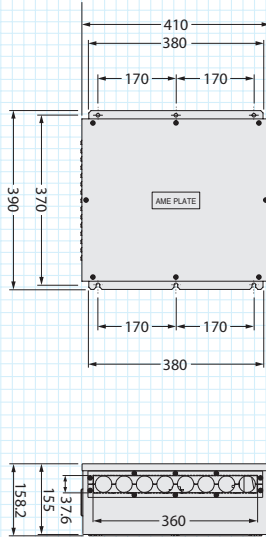
¹ Power consumption changes by the system configuration.

² Option only for JCX-152

JCX-151/152 size and mass

Main Control Unit

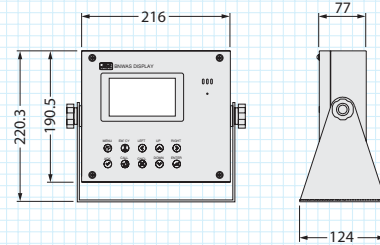
NCK-169 MASS 14.5kg



LCD Display Unit

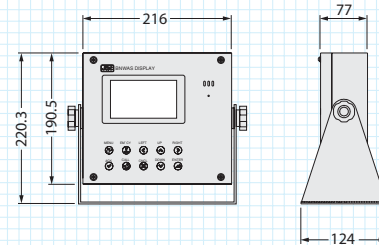
NWB-63 MASS 3.0kg

Unit : mm



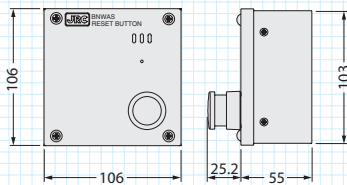
LED Display Unit

NCD-2189 MASS 2.1kg



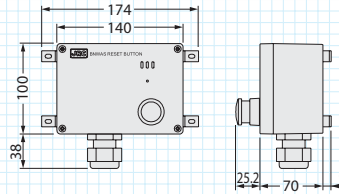
Reset Button Unit

NCJ-878 MASS 0.5kg



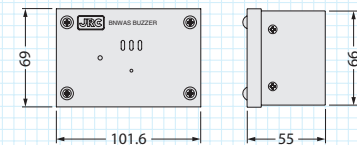
Reset Button Unit (Waterproof)

NCJ-879 MASS 0.8kg



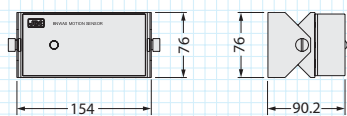
Buzzer Unit

NVS-765 MASS 0.4kg



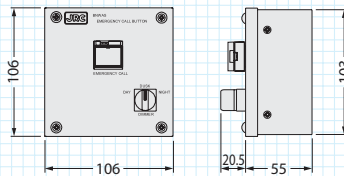
Motion Sensor Unit

NYG-4 MASS 1.0kg



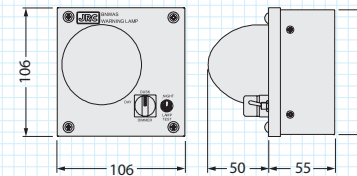
Emergency Call Button Unit

NCJ-880 MASS 0.5kg



LED Warning Lamp Unit

NCD-2191 MASS 0.5kg



• Specifications may be subject to change without notice.

For further information, contact:



Since 1915

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