

Menu tree

Main Menu	Hierarchical Menu 1	Hierarchical Menu 2	Shortcut Key	Note
1. DSC non-distress call			MENU+1 _(RTN) FUNC+0 _(Test)	
2. DSC drobose call			MENU+2	
3. Editing a distress msg			MENU+3	
4. DSC logs	4.1 Received distress	(Received message screen)		Printable
	4.2 Received others	(Received message screen)		Printable
	4.3 Transmitted calls	(Transmitted message screen)		Printable
5. Radio operation	5.1 User channel list (index)	5.1 User channel list (table)		Printable
	5.2 ITU channel list (index)	5.2 ITU channel list (table)		Printable
	5.3 Mode			
	5.4 Receiver	5.4.1 Auto gain control	FUNC+5	
		5.4.2 Noise reduction	FUNC+3	
		5.4.3 Attenuation	FUNC+4	
		5.4.4 Clarifier	FUNC+1	
		5.4.5 Squelch		
		5.4.6 CW bandwidth		
		5.4.7 Scan	FUNC+2	
	5.5 Transmitter	5.5.1 Power	FUNC+9	
		5.5.2 Tune power		
		5.5.3 Auto tune start		
	5.6 ITU CH of RR2012			
6. Maintenance	6.1 Self diagnosis	6.1.1 Transceiver ATU/PA/TRX/WKR MODEM	FUNC+8	Printable
		6.1.2 Controller/DTE		Printable
		6.1.3 Transceiver log		Printable
		6.1.4 Controller/DTE log		Printable
		6.1.5 DSC/NBDP loop		Printable
		6.1.6 Printout		
	6.2 Alarm information	Alarm history		Printable
	6.3 Software version			Printable
7. Setup	7.1 Date & time	7.1.1 Date		
		7.1.2 Present time		
		7.1.3 Display form		
	7.2 POS/TIME	7.2.1 Own position		
		7.2.2 UTC of position		
	7.3 My controller	7.3.1 LCD adjustment	FUNC+6 _(SP)	
		1. Contrast		
		2. Dimmer		
		3. Screen saver		
		7.3.2 Sound		
		1.Operation		
		2.Notification level		
		3.Sidetone		
		7.3.3 User key assign		
		7.3.4 Tx meter		
		7.3.5 Data transfer		
		7.3.6 Menu shutdown		
		7.3.7 CH search ref		
		7.3.8 Frequency digits		
		7.3.9 Freq dial step		
	7.4 User channels (index)	7.4 User channels (table)		Printable
	7.5 DSC/WKR condition	7.5.1 Automatic ACK		
		1. Test call		
		2. Position RQ call		
		3. Polling call		
		4. Individual call		
		7.5.2 WKR scanning FRQ		
		7.5.3 DSC alarm setting		
		1. Safety/Routine RX ALM		
		2. Distress RX ALM		
		7.5.4 Medical use		
		7.5.5 Neutral use		
		7.5.6 Group-ID		Printable
		7.5.7 Inactivity timeout		
		1. ACKed distress alert		
		2. RCVed other distress		
		3. Non-distress call		
		4. Other communications		
		7.5.8 DSC call list		Printable
	7.6 Option	7.6.1 Connection		Printable
		7.6.2 Data out		
		7.6.3 Baudrate		
		7.6.4 Flow control		
		7.6.5 Print direction		

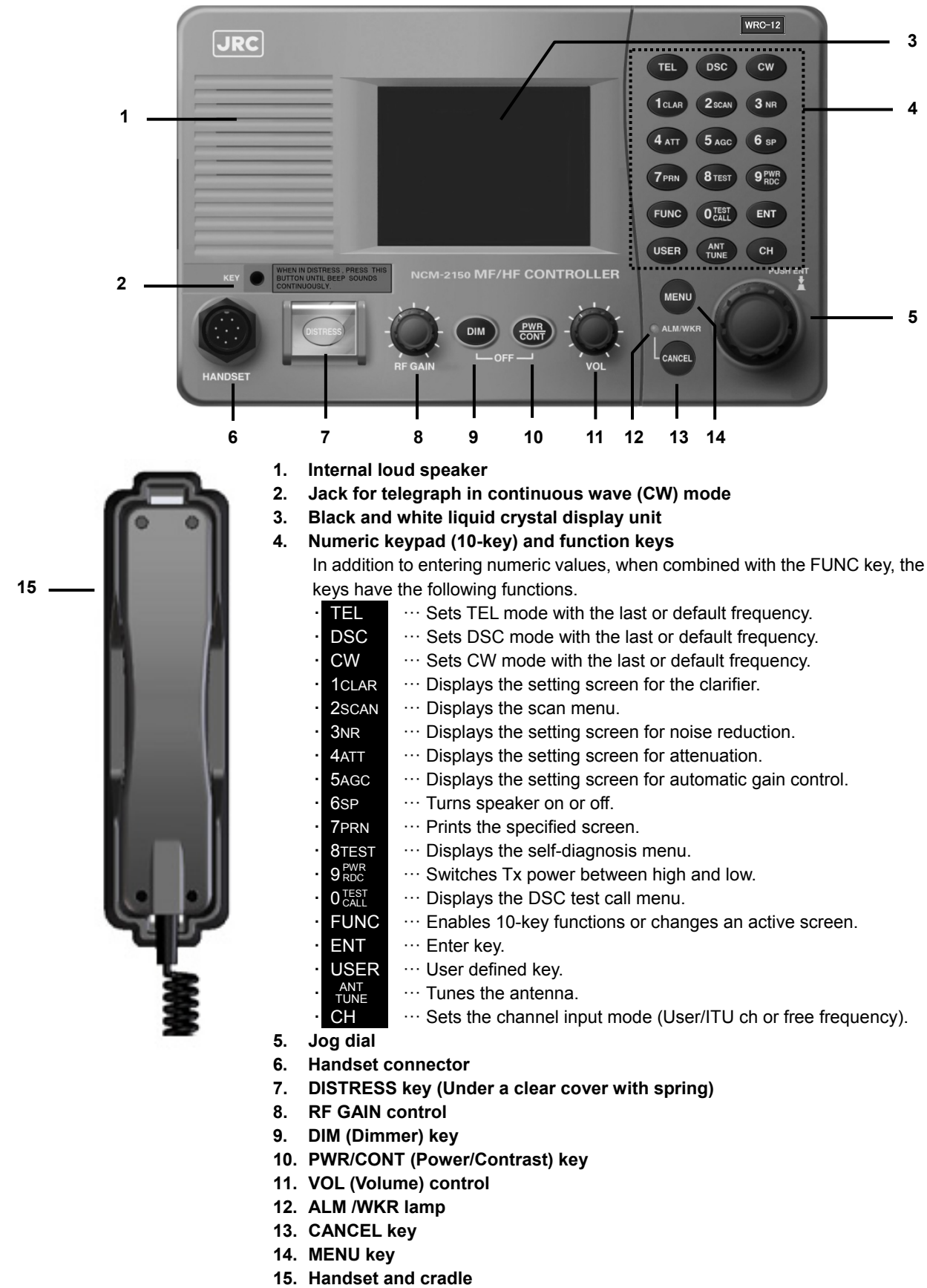
JSS-2150/2250/2500

for WRC-12 (inc. suffix N)

MF/HF RADIO EQUIPMENT

Ship's name : _____

ID number (MMSI) : _____



1. Calling and communicating with the radiotelephone

To communicate with the radiotelephone mode, use the handset.

Making a radiotelephone call

1. Set the TX/RX frequency where the station called is monitoring.
2. Lift the handset from the cradle, then press the PTT key and make a call as described below.
 - Say the call sign or identification of the station called, not more than 3 times.
 - "this is"
 - Say own ship's call sign or identification, not more than 3 times.
 - "over"
3. Release the PTT key to listen.
4. Start communicating according to the response. When changing the frequency, make sure that no other stations are using the indicated working channel.
5. When terminating communications, say "out".

Receiving a call

1. Lift the handset from the cradle, then press the PTT key and respond to the call as described below.
 - Say the call sign or identification of the caller station, not more than three times.
 - "this is"
 - Say own ship's call sign or identification, not more than three times.
 - "over"
2. Release the PTT key to listen again to start communicating.
3. If requested or needed, switch to the working frequency.
4. When terminating communications, say "out".

2. Making a distress alert via the DSC

When in distress, make use of the dedicated red **DISTRESS** key to send a distress alert.



CAUTION



- DO NOT test a distress alert.
- When sending a distress alert, follow the instructions of the captain or the officer in charge.
- If a false distress alert is transmitted accidentally, select the Cancel menu and transmit the distress cancel referring the guidance displayed on the controller. And then report the false distress alert to a nearby RCC (Rescue Coordination Center/ in Japan, inform the nearest Japan Coast Guard.)

Information to be reported:
Ship's name, type, nationality, and ID number, the date/time, location and reason why the false distress alert was transmitted. Also the unit model name and manufacture number/date, if possible.

- A quick distress alert : To send a distress alert quickly, press **DISTRESS** key for 4 seconds. After receiving the acknowledgement, lift the handset and follow this procedure. "MAYDAY"/ "this is"/ the own ship's ID (MMSI)/ ship's position/ the nature of distress/ a rescue request and any other useful information
- A distress alert after editing : Holding down **MENU**, press **3**. → Enter the nature of distress and if required, enter the position and the time or the communication mode → Press **DISTRESS** key for 4 seconds.

3. Making a non-distress call via the DSC

For a quick DSC routine individual call, operate the controller as shown below;

Holding down **MENU**, press **1**. → Enter the receiver MMSI. → Press ENT on the [Call].

Note) If required, change the calling frequency or the working frequency, or subsequent communication mode from the TEL to the ARQ or the FEC on the menu.

Furthermore, for other DSC non-distress calls, select the call type on the menu and follow that display on the screen.

- | | | |
|--|-----------------|---------------|
| • A routine call to a group ships | : RTN/Group/TEL | (or FEC) |
| • A safety call to an individual station | : SAF/ Indv/TEL | (or ARQ, FEC) |
| • A safety call to a geographical area | : SAF/Area/TEL | (or FEC) |
| • An urgency call to an individual station | : URG/ Indv/TEL | (or ARQ, FEC) |
| • An urgency call to a geographical area | : URG/Area/TEL | (or FEC) |

4. Silencing a receiving alarm of the distress/urgency DSC message

When receiving a distress or an urgency call, the receiving alarm will continue to sound unless silenced manually.

To silence the alarm, press **CANCEL** key. After that, handle the message according to that content.

5. Calling and communicating with the telex

To communicate with the telex mode, the data terminal is available. If the equipment is not in telex mode, previously set the mode by pressing Enter key at the data terminal.

Making a ARQ call

1. Select Connect → ARQ menu and then select the station to be called from the displayed station list.
2. Select the frequency watching at the receiver station.
3. Select "Yes" on the popup box of "Is the frequency free now?" message to start the ARQ calling.
4. After acknowledged, the communication channel is established and when "Message start" is displayed, communication can be started.
5. Input characters with the keyboard or the selected file using "F8 F.Send" key to send. Also, when giving the sending right to the receiver station, press "+?" after the message.
6. When terminating communications, press "F10 Stop".

Making a SFEC call

1. Select Connect → SFEC menu and then select the station to be called from the displayed station list.
2. Select the frequency watching at the receiver station.
3. Select "Yes" on the popup box of "Is the frequency free now?" message to start the SFEC calling.
4. After finishing the preamble transmission including the address and when "Message start" is displayed, the message transmission can be started.
5. Input characters with the keyboard or the selected file using "F8 F.Send" key to send.
6. When terminating communications, press "F10 Stop".

Note 1. To make a CFEC call, the procedure is almost as mentioned above but not required to select the receiver station.

2. To receive ARQ or FEC calls, select the receiving frequency and wait until receiving the call.

6. Maintenance

- Self diagnosis of the transceiver : **FUNC** → **8** → **1** → Select a test type and press ENT.
- Self diagnosis of the controller : **FUNC** → **8** → **2** → Select a test type and press ENT.
- Checking the WKR MODEM* only : **FUNC** → **8** → **5** → Press ENT. → Press ENT. (*) Inc. DSC/NBDP loop test
- A safety test call : **FUNC** → **0** → Enter the receiver MMSI. → Press ENT on the [Call].