

NX2500

Marine VHF Radio
with Navtex and GPS repeater



Installation and Operation Manual
English



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1 OPERATION RULES

1.1 Priorities

- Read all rules and regulations pertaining to priorities and keep an up-to-date copy handy. Safety and distress calls take priority over all others.
- You must monitor Channel 16 when you are not operating on another channel.
- False or fraudulent distress calls are prohibited under law.

1.2 Privacy

- Information overheard but not intended for you cannot lawfully be used in any way.
- Indecent or profane language is prohibited.

1.3 Radio licenses

1.3.1 Ship station license

When your craft is equipped with a VHF FM transceiver, you must have a current radio station license before using the transceiver. It is unlawful to operate a ship station which is not licensed. Inquire through your dealer or the appropriate government agency for a Ship-Radiotelephone license. This license includes the call sign which is your craft's identification for radio purposes.

1.3.2 Operator's license

A restricted Radiotelephone Operator Permit is the license most often held by small vessel radio operators when a radio is not required for safety purposes. The Restricted Radiotelephone Operator Permit must be posted near the transceiver or be kept with the operator. Only a licensed radio operator may operate a transceiver. However, non-licensed individuals may talk over a transceiver if a licensed operator starts, supervises, ends the call and makes the necessary log entries. A current copy of the applicable government rules and regulations is only required to be on hand for vessels in which a radio telephone is compulsory. However, even if you are not required to have these on hand it is your responsibility to be thoroughly acquainted with all pertinent rules and regulations.

2 INTRODUCTION

The NX2500 is a Class-D Digital Selective Calling (DSC) VHF marine transceiver. The NX2500 can also display Navtex information if the Navtex antenna NX2600 is connected. The NX2500 has also the capability to repeat the most important navigational information if it is connected to a GPS navigator / Plotter. Comprised of a VHF marine Radio and a DSC controller, it is very convenient and easy to use. The transceiver is a 1/25-watt, frequency modulated waterproof transmitter/receiver for operations on all currently allocated marine channels as well as 10 expansion channels.

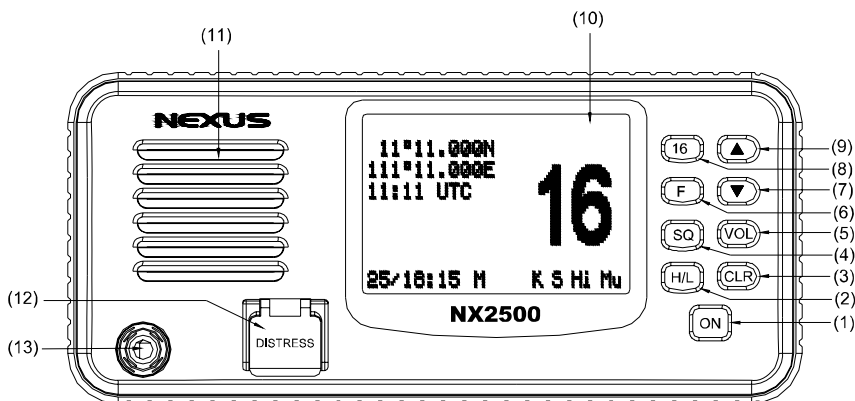
The NX2500 supports the latest GMDSS requirement for non-SOLAS vessels from the International Maritime Organization (IMO). When connected with a GPS, it will display the position and Universal Time Coordinate (UTC) of your vessel.

The NX2500 lets you make digitally selected calls, which are quicker and simpler to make compared with conventional voice calls using channel 16. Should a distress, urgency or safety situation occur, you can depend on the NX2500 to raise an alert quickly, thereby indicating your identity and position automatically through a distress communication on the emergency voice channel.

NEXUS MARINE AB operates a policy of continual development and reserves the right to alter and improve the features/specification of their products without prior notice.

3 PANEL DESCRIPTION

3.1 Front panel



1. POWER SWITCH (ON)

Press the **(ON)** button once to switch on the NX2500.

To switch off, press the **(ON)** button again.

2. HIGH/LOW POWER KEY (H/L)

Select an output power of RF.

3. CLEAR KEY (CLR)

Stops current task and returns to the main screen.

4. SQUELCH MODE SELECTION KEY (SQ)

5. VOLUME CONTROL MODE SELECTION KEY (VOL)

6. FUNCTION SELECT KEY (F)

This key is an aggregation of DUAL WATCH, FULL SCAN, MEMORY SCAN and TAG CHANNEL function. To access these function by press F key and press again to confirm.

7. DOWN KEY (▼)

Selects the desired channel, squelch control level or volume control level. Each press selects the next lower channel number or level. Hold down this key to scroll downwards through all selectable channels.

8. CHANNEL 16 KEY (16)

Press this key and return to channel 16 immediately from any channel or function.

9. UP KEY (▲)

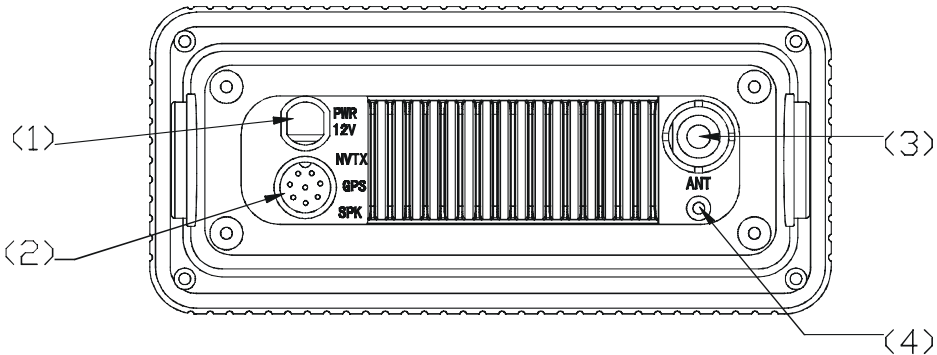
Selects the desired channel, squelch control level or volume control level. Each press selects the next higher channel, number or level. Hold down this key to scroll upward through all selectable channels.

10. LIQUID CRYSTAL DISPLAY (LCD)

Dot Matrix display, giving up to 8 lines of information.

11. SPEAKER**12. DISTRESS CALL BUTTON**

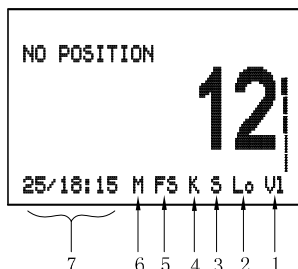
The distress button is located under a spring-loaded cover that must be lifted before the button can be pressed.

13. FIST MICROPHONE/CONTROLLER CORD**3.2 Back panel****1. POWER CORD****2. GPS, Navtex and EXT.SP socket.****3. ANTENNA****4. Ventilation Hole**

Should the display show signs of misting up, remove this screw and ventilate the unit until the mist is cleared. Upon completion, insert the screw and tighten once again.

Note : To ensure your NX2500 maintains its water-proof integrity, please make sure the water-proof plastic washer is properly inserted before the screw; the screw should be fully tightened to prevent water ingress.

3.3 LCD Display



GROUP 1

- VL Volume control activated, the Bar indicates the volume level.
- Sq Squelch control activated, the Bar indicates the squelch level.
- Mu Appears when the squelch opens.
- RX The Radio is in receptive state (RX) and when receiving a signal.
- TX The Radio is transmitting (TX).

GROUP 2

- Hi Indicates Transmitter maximum output power is 25W.
- Lo Indicates Transmitter maximum output power is 1W.

GROUP 3

- S Indicates the displayed channel is a simplex channel.
- D Indicates the displayed channel is a duplex channel.

GROUP 4

- I Indicates the international channels are selected.
- K Indicates the international channels + UK M1 and M2 channels are selected.
- U Indicates the USA channels are selected.
- C Indicates the Canada channels are selected.
- A Indicates the ATIS channels are selected.
- S Indicates the ATIS SEA channels are selected.

GROUP 5

- DW Indicates dual watch is in operation.
- FS Indicates full scanning of every channel in current channel list is in operation.
- MS Indicates scanning of the selected memory channels is in operation.

GROUP 6

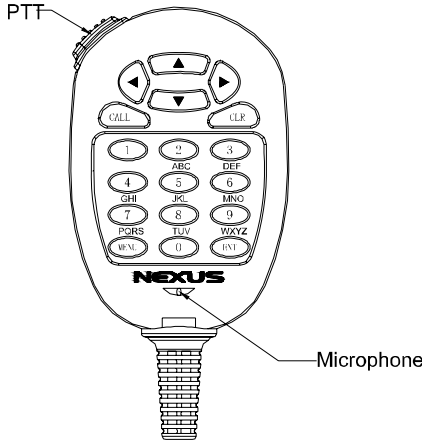
- M Indicates the displayed channel is a tagged channel for memory scan.

GROUP 7

Date/hours: minutes

4 FIST MICROPHONE/CONTROLLER

The fist microphone/controller has the microphone, Push to Talk (PTT) switch and soft keypad as illustrated below:



4.1 Soft Keypad (0 - 9)

The telephone style keypad ITU 0 – 9 / A - Z is used for entering numeric data. When required, the keys will automatically switch to character mode allowing letters, numbers and punctuation marks to be entered. Repeatedly pressing a key will cycle through the characters available on that key.

Number	1	2	3	4	5	6	7	8	9	0
1 press	—	A	D	G	J	M	P	T	W	
2 press	,	B	E	H	K	N	Q	U	X	□
3 press	□	C	F	I	L	O	R	V	Y	□
4 press	/	□	□	□	”	’	S	&	Z	%
5 press	1	2	3	4	5	6	7	8	9	0

ENTER KEY (ENT)

Confirms the action.

CLEAR KEY (CLR)

Stop tasks and returns to main screen or returns to the last screen.

◀ / ▶ Key

Used to select stored numbers and names as marked by the cursor, or to select through the call log.

▲ / ▼ KEY

Use to select working channel (Up or Down). Can also be used to select stored working channels. Allows viewing of next or previous message and selection next or previous item.

PTT BUTTON

Keys the transmitter allowing you to transmit a message.

(CALL) KEY.

Activates "CALL" menu.

(MENU) KEY

To activate a menu that consists of RADIO SETTING, DSC SETTING and LOG REVIEW function.

5 GENERAL OPERATION

The NX2500 is switched on by pressing the **(ON)** key once. If a GPS receiver has been connected to the NX2500, the MAIN screen will be as below:

14:32 UTC		55°34.753S 017°321.321E	
COG 34.7°	SDG 04.7kts		
BTW 32.5°	DTW 41.5nm		
VHF	16	NAVTEX	
MMSI:	932123402	TOTAL	00
		NEW	00

Press the **(F)** key on the front panel once to enter the Function Selection mode. The FUNCTION SELECTION screen will be displayed as below:

FUNCTION SELECTION
▸ DUAL WATCH
FULL SCAN
MEMORY SCAN
TAG CHANNEL

Press the **▲** or **▼** key to move the cursor to the required function (DUAL WATCH, FULL SCAN, MEMORY SCAN, TAG CHANNEL), then press **(F)** key to confirm. The relevant screen will be displayed. Press **(F)** key again or press **(16)** key to restore normal operation, and press **(CLR)** key to change to the main screen.

5.1 DUAL WATCH (DW)

Dual Watch enables the Radio to scan between the selected channel and priority channel (normally CH16). In Dual Watch mode, the DW indicator will appear on the bottom line of the LCD.

Note that the Radio will not transmit, nor will alternative channels be able to be selected while in Dual Watch mode. To restore normal operation press **(F)** key again or press channel **(16)** key.

5.2 Full Scan (FS)

This function scans through each channel sequentially until a signal is detected above the squelch level set. Once the signal ends or drops below the squelch level, the Radio will continue scanning. Alternatively, you can instruct the NX2500 to continue scanning even if a signal has been detected on any particular channel by pressing the **▲** key once. When in Full Scan mode, FS will appear on the bottom line of LCD.

Note that the Radio will not transmit, nor will alternative channels be able to be selected while in Full Scan mode. To restore normal operation press **(F)** key or press channel **(16)** key.

5.3 Memory Scan (MS)

The Memory Scan operates in the same way as the Full Scan, except that it will only scan channels that have been entered into the Scan Memory. If no channels have been entered into the memory then this function will not be available.

When in Memory Scan mode, "MS" will appear on the bottom line of the LCD.

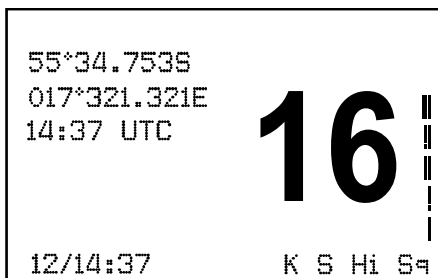
5.4 Tag Channel

This function is to tag or cancel tag on a channel, which means select or unselect a channel for Memory Scan. If a channel is tagged then the "M" indicator will appear on the bottom of LCD.

To tag a channel, enter the desired channel number on the Microphone controller and press "F" on the front panel. Select TAG CHANNEL and press "F" again. To delete the tag for a channel, repeat the procedure above.

5.5 Squelch Control

When the **(SQ)** key on the front panel is pressed, the squelch level bar and “Sq” symbol will appear at the right side of the screen as below:

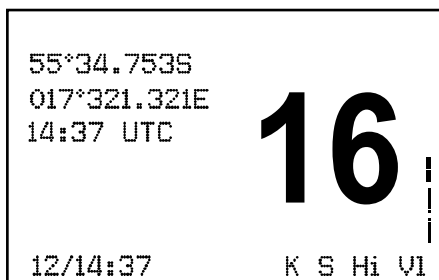


Then use **▲** and **▼** key on the front panel to adjust the receiver muting threshold (squelch) level.

To cut out weaker signals, press **▲** key to increase the squelch until the background interference noise disappears. To receive weaker signals press **▼** key to decrease the squelch.

5.6 Volume Control (VOL)

Press the **(VOL)** key on the front panel, the volume control screen will be displayed. The level bar and character “VL” will appear on the right side of the screen as below:



Press **▲** key to increase the volume. Press **▼** key to reduce the volume.

5.7 Channel 16 (16)

Pressing the **(16)** key will automatically select channel 16 on high power. Any active function (DUAL WATCH, DSC SETTING, LOG VIEW etc) will be cancelled.

5.8 Channel Selection (▲/▼)

Press ▲ key to go up through the channels. Press ▼ key to go down through the channels.

Channel Selection Shortcut:

Select the desired channel directly from the main screen by pressing the channel number on the fist microphone/controller, and then press “ENT” to confirm.

5.9 HIGH / LOW Power Selection (H/L)

Press (H/L) key to select high or low output power of RF. A “Hi” or “Lo” indicator will appear on bottom of LCD.

5.10 Time Out Timer

A time out timer is provided to prevent continuous transmissions for periods greater than 5 minutes. In the event that the radio will be needed to transmit for periods longer than 5 minutes, it will be necessary to release the PTT briefly before the 5 minute timer expires.

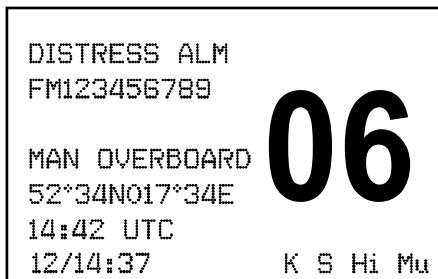
WARNING

- 1) Users can press the PTT once again after 5 minutes to continue the transmission. But the radio should be placed somewhere which nobody can touch it to avoid scalding injury.
- 2) The life of the radio set will be shortened by long time continuous transmission.

6 RECEIVING A DSC CALL

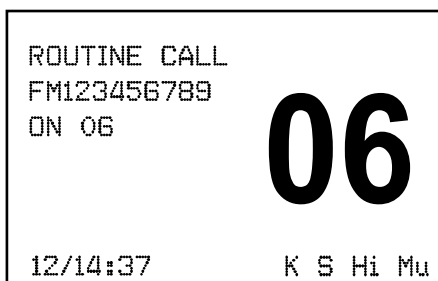
6.1 DISTRESS ALERT

When receiving the DISTRESS ALERT, the radio will give off the alarm and display as follows, then jump to the 16 channel automatically, press the ENT key to confirm the alarm and monitor the communication at the same time, press the CLR to cancel the displaying text



6.2 ROUTINE CALL

When receiving the ROUTINE CALL, the radio will give off the B-B sound and display as follow, press the ENT key to transmit the response call, the radio will jump to the working channel, waiting for the call. Press the CLR key to cancel the B-B sound, and then return to the main interface.



6.3 SAFETY / URGENCY CALL

When receiving the SAFETY/URGENCY CALL, the radio will give off the B-B sound and display as follows. If the format of the SAFETY /URGENCY CALL is ALL SHIP, the radio will display ALL SHIP, if the format of the SAFETY/URGENCY CALL is INDIVIDUAL it will display INDIVIDUAL, press the ENT key to transmit the response call, the radio will jump to the working channel, waiting for the call. Press the CLR key to cancel the alarm, then return to the main interface.

<p>SAFETY CALL ALL SHIPS FM123456789 ON 06</p> <p>06</p> <p>12/14:37 K S Hi Mu</p>	<p>SAFETY CALL INDIVIDUAL FM123456789 ON 06</p> <p>06</p> <p>12/14:37 K S Hi Mu</p>
--	---

<p>URGENCY CALL ALL SHIPS FM123456789 ON 06</p> <p>06</p> <p>12/14:37 K S Hi Mu</p>	<p>URGENCY CALL INDIVIDUAL FM123456789 ON 06</p> <p>06</p> <p>12/14:37 K S Hi Mu</p>
---	--

6.4 GROUP CALL

When receiving the GROUP CALL, the receiver will give off the B-B sound and display as follows. The radio will jump to the working channel, waiting for the call, press the ENT key to cancel the B-B sound.

<p>GROUP CALL FM123456789 ON 06</p> <p>09</p> <p>12/14:37 K S Hi Mu</p>

6.5 DISTRESS RELAY

When receiving the DISTRESS RELAY CALL, the radio will give off the alarm and display as follows (transmit the ID of calling ship, the ID of the ship in danger, the danger categories of the ship in dangerous, orientation and time), press the CLR key to cancel the alarm, then return to the main interface.

DIST RELAY	06
FM123456789	
ID 11111111	
MANOVERBOARD	
52°34N017°34E	
14:52 UTC	
12/14:57	
K S Hi Mu	

6.6 SEA CALL

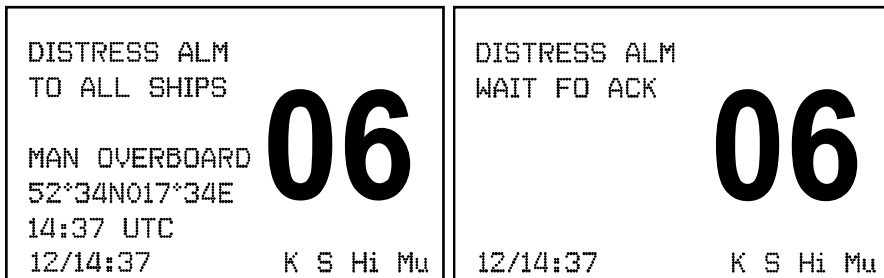
When receiving the SEA CALL, the radio will give off the B-B sound, the display will show as follows (display the receiver's MMSI code and the area coordinate). Press the ENT key to cancel the B-B sound, then jump to the working channel.

SEA CALL	06
FM123456789	
52°34N	
017°34E	
12/14:57	
K S Hi Mu	

7 SENDING A DSC CALL

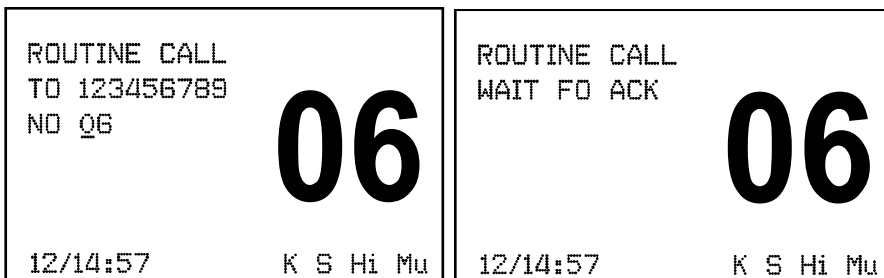
7.1 DISTRESS CALL

Press and hold the DIST button on the front for 5 seconds and the distress call will be send. If you have more time, you may press a short press on the DIST button and then select the nature of distress with ◀ or ▶. Then press and hold DIST for 5 sec.



7.2 ROUTINE CALL

Press the CALL key on the hand controller, choose the ROUTINE CALL. Input the receiver's MMSI code, then press the ▲ or ▼ to move the cursor to the NO line, input the working channel number, then press the ENT to transmit the ROUTINE CALL. The radio is waiting for response.



7.3 SAFETY CALL

Press the CALL key on the hand controller, choose the SAFETY CALL, then press the ◀ or ▶ key to choose ALL SHIP/INDIVIDUAL. If you choose the INDIVIDUAL, you need to input the receiver's MMSI code, then press the ▲ or ▼ to move the cursor “_” to the NO line, input the working channel number, then press the ENT key. then press the ENT key again to confirm the transmitting, after receiving the receiver's response, the radio will jump to the working channel automatically. Press the CLR to cancel the transmitting.

SAFETY CALL TO: ----- AD: ----- NO: --	06
12/14:57	K S Hi Mu

SAFETY CALL TO: ALL SHIP AD: ----- NO: 06	06
12/14:57	K S Hi Mu

SAFETY CALL TO: INDIVIDUAL AD: 100000000 NO: 06	06
12/14:57	K S Hi Mu

SAFETY CALL CONFIRM	06
12/14:57	K S Hi Mu

7.4 URGENCY CALL

Press the CALL key on the hand controller, choose the URGENCY CALL, then press the ◀ or ▶ key to choose ALL SHIP/INDIVIDUAL. If you choose the INDIVIDUAL, you need to input the receiver's MMSI code, then press the ▲ or ▼ to move the cursor “_” to the NO line, input the working channel number, then press the ENT key. then press the ENT key again to confirm the transmitting, after receiving the receiver's response, the radio will jump to the working channel automatically. Press the CLR to cancel the transmitting.

```

URGENCY CALL
TO: -----
AD: -----
NO: --
06
12/14:57      K S Hi Mu
  
```

```

URGENCY CALL
TO: ALL SHIP
AD: -----
NO: _06
06
12/14:57      K S Hi Mu
  
```

```

URGENCY CALL
TO: INDIVIDUAL
AD: 100000000
NO: _06
06
12/14:57      K S Hi Mu
  
```

```

URGENCY CALL
CONFIRM
06
12/14:57      K S Hi Mu
  
```

7.5 GROUP CALL

Press the CALL key in the hand controller, choose the GROUP CALL, input the working channel number using the keypad, then press ENT to confirm the transmitting, the radio will jump to the working channel automatically. Press the CLR key to cancel the transmitting.

```

GROUP CALL
TO: 012345678
NO: _06
06
12/14:57      K S Hi Mu
  
```

7.6 DISTRESS RELAY

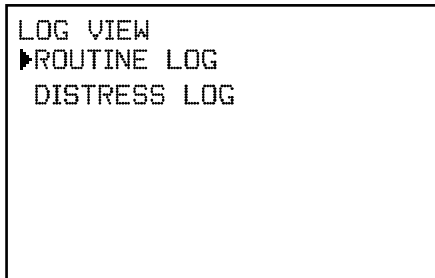
Press the CALL key in the hand controller, choose the DISTRESS RELAY, then press the ◀ or ▶ key to choose the DISTRESS which want to be transmitted, press the ENT key to confirm transmitting this DISTRESS ALARM. Press the ◀ or ▶ to choose if you want to transmit to ALL SHIP or INDIVIDUAL. If you choose INDIVIDUAL, you need to input the receiver's MMSI code, then press the ENT key, then press the ENT key again to confirm the transmitting. Press the CLR key to cancel the transmitting.

<p>DIST RELAY 5 DISTRESS PRESS ◀OR▶ TO VIEW</p> <p style="font-size: 2em; font-weight: bold; text-align: center;">06</p> <p>12/14:37 K S Hi Mu</p>	<p>DISTRESS ALM FM123456789</p> <p style="font-size: 2em; font-weight: bold; text-align: center;">06</p> <p>MAN OVERBOARD 52°34N017°34E 14:42 UTC 12/14:37 K S Hi Mu</p>
<p>DIST RELAY TO: ----- AD: -----</p> <p style="font-size: 2em; font-weight: bold; text-align: center;">06</p> <p>12/14:57 K S Hi Mu</p>	<p>DIST RELAY TO: ALL SHIP AD: -----</p> <p style="font-size: 2em; font-weight: bold; text-align: center;">06</p> <p>12/14:57 K S Hi Mu</p>
<p>DIST RELAY TO: INDIVID AD: 100000000</p> <p style="font-size: 2em; font-weight: bold; text-align: center;">06</p> <p>12/14:57 K S Hi Mu</p>	<p>DIST RELAY SURE SEND?</p> <p style="font-size: 2em; font-weight: bold; text-align: center;">06</p> <p>12/14:57 K S Hi Mu</p>

8 LOG REVIEW

There are 2 kinds of logs, they are ROUTINE LOG and DISTRESS LOG. To view the logs, press **(MENU)** key on the fist microphone/controller keypad, the MENU SELECTION screen will appear on the display as follows:

Press **▲** or **▼** key to move the symbol **▶** on the MENU SELECTION screen to front of LOG VIEW, then press **(ENT)** key to confirm, the LOG REVIEW screen will appear on the display as follows:

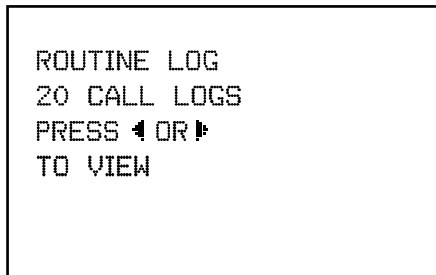


```
LOG VIEW
▶ROUTINE LOG
DISTRESS LOG
```

8.1 Review Routine Log

The routine log can be used to look back through the last 20 calls that have been received, the most recent call first.

Press **(MENU)** key on the fist microphone/controller keypad to select the ROUTINE LOG screen as below:



```
ROUTINE LOG
20 CALL LOGS
PRESS ◀ OR ▶
TO VIEW
```

If there are any general calls in the routine log press the **◀** or **▶** key to move back and forth through the log, the ROUTINE LOG screen as below:

```
ROUTINE CALL*  
FM:112233445  
ON:06  
  
12/14:57          K S Hi Mu
```

If there is a "*" symbol on the screen, you can press **(ENT)** KEY to send an acknowledgement directly to the caller. After acknowledgement, the "*" symbol will disappear.

Press **(CLR)** key to exit the call screen.

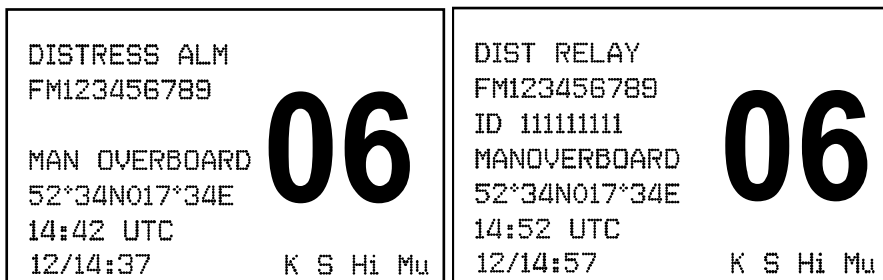
8.2 Review distress logs

The distress log can be used to look back through the previous 20 distress calls that have been received, the most recent call first.

Press **(MENU)** key on the fist microphone/controller keypad to select the DISTRESS LOG screen as below:

```
DISTRESS LOGS  
5 CALL LOGS  
PRESS ◀ OR ▶  
TO VIEW  
  
12/14:57          K S Hi Mu
```

If there are any distress calls in the distress log screen, press the ◀ or ▶ key to move back and forth through the DISTRESS LOG screen. The DISTRESS LOG screen as below:



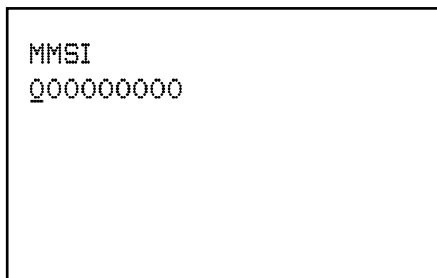
Press **(CLR)** key to exit the call log screen.

9 DSC Setting

9.1 Enter and view MMSI

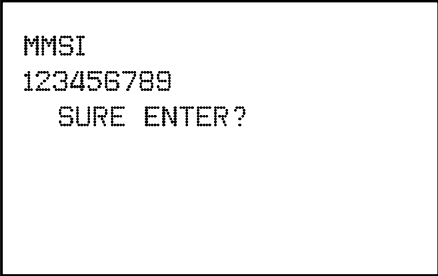
If a MMSI No. has not been entered into the NX2500, the MMSI SET screen will appear on the display every time when the unit is switched on, as below:

If you do not have a MMSI-number, you can still use the unit, but the DSC function can not be used, and every time when the NX2500 is switched on, it will be asked to enter the MMSI number.



Switch on the unit, then press numeric key on the fist microphone/controller to enter the MMSI number (9-digit). This number can be obtained from your local Radio communications authority. If a mistake is made, use the ◀ or ▶ key to move back and edit the error. Then press **(ENT)** key, the Radio will ask for verification as below:

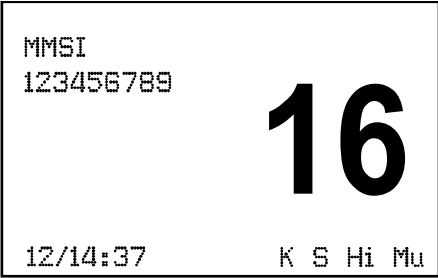
It is important that the MMSI entered is checked carefully, as it can only be entered once!



MMSI
123456789
SURE ENTER?

Press **(ENT)** key once again to confirm the number and the screen will now show the MMSI of your vessel.

To view your vessel's MMSI, press **(MENU)** key on the fist microphone/controller to select the MMSI screen, as below:



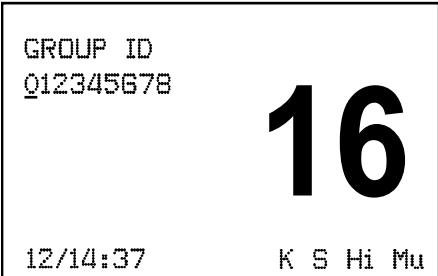
MMSI
123456789
16
12/14:37 K S Hi Mu

Press **(CLR)** key to go back to the main screen.

To change the MMSI number after it has been programmed, the unit must be returned to an authorized dealer to erase the existing number.

9.2 Set Group Id

To enter a Group ID (if for example, the vessel is part of a flotilla or fishing fleet etc), press **(MENU)** key to select the GROUP ID screen. The screen will be displayed as below:



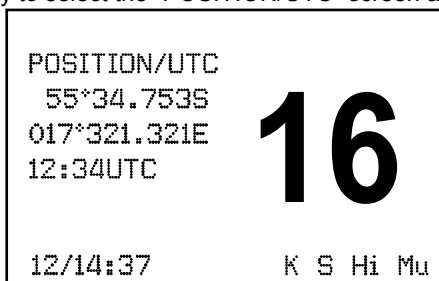
GROUP ID
012345678
16
12/14:37 K S Hi Mu

Press numeric key to enter the GROUP ID number (8-digits, the first digit must be "0"). If a mistake is made, use the ◀ or ▶ key to move back the cursor and reset the number. Press **(ENT)** key and the Radio will ask for verification. Check that the No. is correct and press **(ENT)** key once again to confirm your entry. To amend, press **(CLR)** key to go back to main screen.

9.3 Set Manual Position/UTC

If the position of the vessel cannot be obtained from a GPS via the NMEA 0183 input, this data can be entered manually.

Press **(MENU)** key to select the "POSITION/UTC" screen as below:



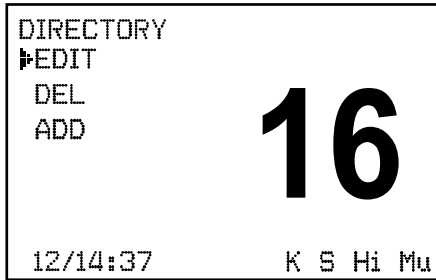
Use the numeric key to enter the required data, then press **(ENT)** key to accept the position and time entered.

To toggle between N/S and E/W, use the "0" button

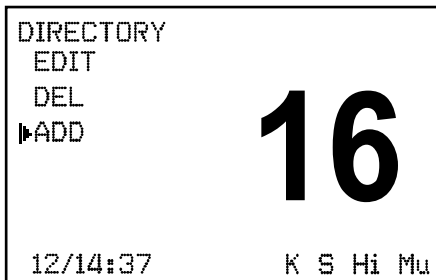
After 23 hours, if the Radio has not received any position data either manually or from the NMEA input, then the position data will disappear from the screen, and it will show "NO POSITION".

9.4 Set the Directory

The DIRECTORY function is used to add, edit and delete a note (information about a vessel) from the directory. The directory can store 20 notes, each note consists of MMSI and vessel name, which can be recalled in the routine call screen. Press **(MENU)** key to select the "DIRECTORY" screen as below:

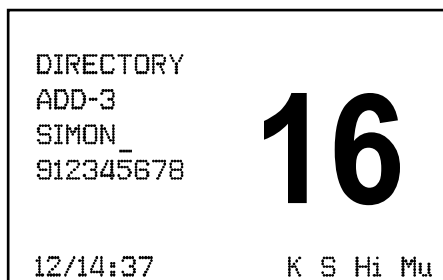
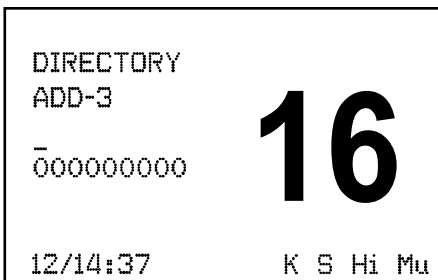


In the DIRECTORY, you can ADD, EDIT and DELETE MMSI numbers and names of persons you frequently communicate with. This is like an address book in a telephone. Enter the Name and MMSI number.

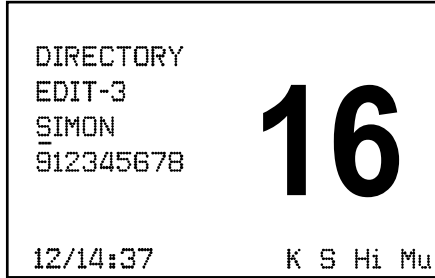


To access a new entry, press ▲ or ▼ to move the cursor in front of “ADD”, then press **(ENT)** key to enter DIRECTORY-ADD screen as below:

Use the keypad to move backwards and forwards along the line to enter a name. Then move the cursor with ► until it jumps to the second row and enter the MMSI number, press **(ENT)** key to confirm.

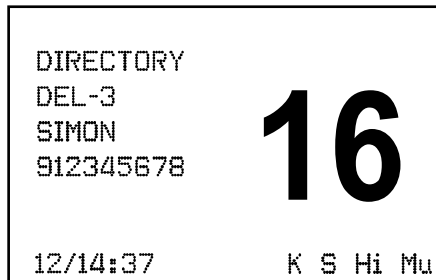


To edit an existing entry, press ▲ or ▼ key to move the cursor in front of “EDIT”, then press **(ENT)** key to enter DIRECTORY-EDIT screen as below:



Use the ◀ or ▶ key to move along the name and MMSI fields, using the keypad to edit the data. Press **(ENT)** to store the modified entry.

To delete an entry, press ◀ or ▶ key to move the cursor in front of “DEL”, then press **(ENT)** key to enter DIRECTORY-DEL screen as below:



Use the ◀ or ▶ key to select the number you wish to delete, then press **(ENT)** key to delete the entry.

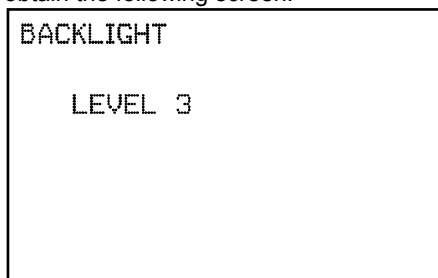
10 RADIO SETTINGS

Use the instruction listed below to set up user environment.

To enter Radio settings, press MENU followed by ENT

10.1 Backlight adjustment

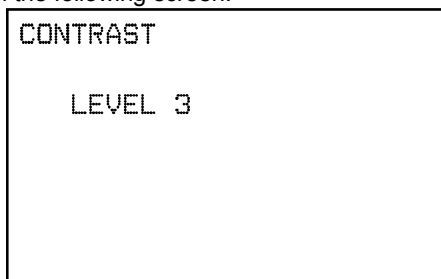
Press “▲” “▼” on the fist microphone/controller to select BACKLIGHT option and press (ENT) to obtain the following screen.



Then, press “▲” “▼” to adjust the brightness of backlight. There are 5 levels of brightness. Press (ENT) for confirmation exit.

10.2 Contrast adjustment

Using “▲” “▼” on the fist microphone/controller to select CONTRAST and press (ENT) to obtain the following screen.



Then, press “▲” “▼” to adjust the contrast of the screen. There are 6 levels of contrast. Press (ENT) for confirmation and exit.

10.3 Speaker selecting

Using “▲” “▼” on the fist microphone/controller to select SPEAKER and press (ENT) to obtain the following screen.

```

SPEAKER
▶INTERNAL
EXTERNAL
BOTH

```

Then, press “▲” “▼” to select internal, external or both speaker. Press **(ENT)** for confirmation and exit.

10.4 Beep sound selecting

Using “▲” “▼” to select BEEP and press **(ENT)** to obtain the following screen. Then, press “▲” “▼” to select enable or disable the BEEP sound function on pressing any key and notifying sound of NAVTEX message received. Press **(ENT)** for confirmation and exit.

```

KEYBOARD BEEP
▶ENABLE
DISABLE

```

10.5 Navtex Only-Mode

If you want to switch of your NX2500 during night but still receive Navtex messages, you may set the radio to Navtex mode only.

Press MENU and scroll down to Radio Settings. Press ENT and scroll down to NAVTEX ONLY. Press ENT and Select ENABLE wth ENT.

```

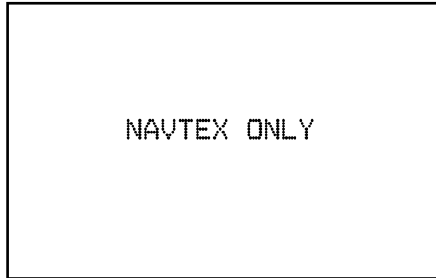
RADIO SETTING
BACKLIGHT
CONTRAST
SPEAKER
KEYBOARD BEEP
▶NAVTEX ONLY
DATE/TIME

```

```

NAVTEX ONLY
▶ENABLE
DISABLE

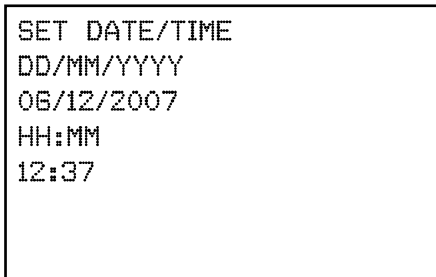
```



To exit Navtex Only mode, you have to switch off and on the radio.

10.6 Set Date And Time

Press ▲ or ▼ key to move the cursor on the RADIO SETTING screen to the front of DATE/TIME, then press **(ENT)** key, the SET DATE/TIME screen will appear.



Use the numeric keys to enter numbers, then press **(ENT)** key to accept the date and time.

Note that the time should be entered in 24 hour clock format.

11 NAVTEX Messages Settings

If your NX2500is connected to a NX2600 Navtex receiver, you will get navtex messages inti your radio and up to 64 messages may be stored. In order to not fill up the memory, you may ignore messages from some remote stations, you can also ignore some types of messages.

Under Navtex MSG/SETTING you can read yur messages, select massages and stations you want to monitor, clear all or selected messages.

Press MENU and scroll down to NAVTEX MSG/SETTING with ▲ or ▼. Press ENT to enter the setting mode.

<pre> MENU SELECTION LOG VIEW DSC SETTING RADIO SETTING ▶NAVTEX MSG/SETTING GPS NAVIGATION </pre>	<pre> NAVTEX MSG/SETTING ▶NAVTEX MESSAGES STATION SELECTION MESSAGE SELECTION CLEAR ALL MESSAGES CLEAR SELECTED MSG </pre>
---	--

11.1 Navtex messages

Select NAVTEX MESSAGES with ENT to view all Navtex Messages. Select which messages you want to see with ▲ or ▼. Press ENT to view the message.

<pre> NAVTEX LOG TOT:18 ▶IE49 N HE11 N IA64 N W HB81 N W IA33 N W ID53 S HA16 N W HA74 W HA84 N W VA03 W VA10 N W VA11 W VA23 N W VA28 W </pre>	<pre> NAVTEX GAB8 1 ZCZC GAB8 CCGDEIGHT BNM 0057-99 LA - GULF OF MEXICO POOL RIG 54 IS STACKED ADJACENT TO A SAFETY FAIRWAY IN SOUTH PASS BLOCK 31 IN APPROX </pre>
---	--

11.2 Station Select

Select which stations you want to monitor. The NX2500 will exclude all messages from the stations marked IGNORE. Select NAVTEX MSG/SETTING with ▲ or ▼ and press ENT. Goto STATION SELECT with ▲ or ▼ and confirm with ENT. Select which Station you want to ignore with ▲ or ▼ and toggle between RECEIVE and IGNORE with ◀ or ▶. Press ENT when you are done!

For a list of Navtex Stations, see next page.

NAVTEX MSG/SETTING	STATION SELECTION
NAVTEX MESSAGES	▶ A:RECEIVE H:RECEIVE
▶ STATION SELECTION	B:RECEIVE I:RECEIVE
MESSAGE SELECTION	C:RECEIVE J:RECEIVE
CLEAR ALL MESSAGES	D:RECEIVE K:RECEIVE
CLEAR SELECTED MSG	E:RECEIVE L:RECEIVE
	F:RECEIVE M:RECEIVE
	G:RECEIVE N:RECEIVE

List of stations:

LETTER	Station	Freq.	LETTER	Station	Freq.
METAREA I			METAREA II		
UK Home waters and E North Atlantic			Waters to the West of France, Iberia and N Africa, including the Azores		
E	Niton	518	A	Corsen	518
I	Niton	490	E}	Corsen	490
T	Niton	490	D	la Coruña	518
O	Portpatrick	518	R	Monsanto	518
C	Portpatrick	490	G	Monsanto	490
G	Cullercoats	518	P	Porto Santo (Madeira)	518
U	Cullercoats	490	M	Porto Santo	490
D	Torshavn	518	F	Horta (Azores)	518
W	Valentia	518	I	Las Palmas, (Canary Is)	518
Q	Malin Head	518	G	Tarifa	518
L	Rögaland	518	METAREA III		
S	Hamburg	518	Western Mediterranean		
L	Hamburg	490	X	Cabo la Naõ	518
T	Oostende	518	W	la Garde	518
P	Ijmuiden	518	S	la Garde	490
Northern N Atlantic, Arctic and the Baltic			R	Rome	518
R	Reykjavik	518	T	Cagliari (Sardinia)	518
X	Reykjavik	518	V	Augusta (Sicily)	518
R	Reykjavik	490	O	Malta	518
F	Arkhangel'sk	518	Eastern Mediterranean, Adriatic and Aegean		
A	Svalbard	518	U	Trieste	518
V	Vardo	518	Q	Split	518
B	Bodo	518	K	Kerkyra	518
N	Ørlandet	518	H	Iraklion (Crete)	518
H	Bjuröklubb	518	L	Limnos	518
J	Gislovshammar	518	P	Haifa	518
I	Grimeton	518	Black Sea		
U	Tallinn	518	D	Istanbul	518
S	Hamburg	518	B	Mariupol	518
L	Hamburg	490	C	Odessa	518
			J	Varna	518

11.3 Message Select

Select which messages you want to monitor. The NX2500 will exclude all messages of the type marked IGNORE. Select NAVTEX MSG/SETTING with ▲ or ▼ and press ENT. Goto MESSAGE SELECT with ▲ or ▼ and confirm with ENT. Select which Station you want to ignore with ▲ or ▼ and toggle between RECEIVE and IGNORE with ◀ or ▶. Press ENT when you are done!

For a list of Navtex Messages, see below.

NAVTEX MSG/SETTING NAVTEX MESSAGES STATION SELECTION ▶ MESSAGE SELECTION CLEAR ALL MESSAGES CLEAR SELECTED MSG	MESSAGE SELECTION ▶ A:RECEIVE H:RECEIVE B:RECEIVE I:RECEIVE C:RECEIVE J:RECEIVE D:RECEIVE K:RECEIVE E:RECEIVE L:RECEIVE F:RECEIVE M:RECEIVE G:RECEIVE N:RECEIVE
---	---

LETTER	Message	LETTER	Message
A	Navigational warnings	J	Satnav messages
B	Meteorological warnings	K	Other electronic navaid messages
C	Ice reports	L	Additional navigational messages
D	Search and rescue information	V	Special services
E	Meteorological forecasts	W	Special services (possible other languages use)
F	Pilot service messages	X	Special services
G	Decca messages	Y	Special services
H	Loran messages	Z	No message on hand (QRU)
I	Omega messages		

11.4 Clear all Messages

If you want to clear all Navtex messages, Press MENU and select NAVTEX MSG/SETTING with ▲ or ▼ then press ENT. Go to CLEAR ALL MSG with ▲ or ▼ and confirm with ENT. If you want to clear all, confirm with ENT or cancel with CLR.

NAVTEX MSG/SETTING NAVTEX MESSAGES STATION SELECTION MESSAGE SELECTION ▶ CLEAR ALL MESSAGES CLEAR SELECTED MSG	CLEAR ALL MSG TOTAL:18 NEW :03 ARE YOU SURE?
---	---

11.5 Clear Selected Messages

If you want to clear some Navtex messages, Press MENU and select NAVTEX MSG/SETTING with ▲ or ▼ then press ENT. Go to CLEAR SELECTED MSG with ▲ or ▼ and confirm with ENT. If you want to clear one message, select that message with ▲ or ▼, confirm with ENT then confirm with ENT or cancel with CLR.

NAVTEX MSG/SETTING NAVTEX MESSAGES STATION SELECTION MESSAGE SELECTION CLEAR ALL MESSAGES ► CLEAR SELECTED MSG	NAVTEX MESSAGES ► IE49 N HE11 N IAG4 N W HB81 N W IA33 N W ID53 S HA16 N W HA74 W HAB4 N W VA03 W VA10 N W VA11 W VA23 N W VA28 W
---	--

CLEAR SELECTED MSG

ARE YOU SURE?

11.6 Clear Selected Messages

If you want to Check the Latitude and Longitude of the Waypoint you are steering towards, press MENU and select GPS NAVIGATION with ▲ or ▼ then press ENT. The following information is presented:

A: Position of your vessel

B: Position of the Waypoint

Also Course and Speed Over Ground (COG and SOG) and Bearing and Distance to Waypoint (BTW and DTW) is presented.

MENU SELECTION LOG VIEW DSC SETTING RADIO SETTING NAVTEX MSG/SETTING GPS NAVIGATION	GPS NAVIGATION A:55°36.07N 017°08.38E B:56°35.94N 014°08.21E WPT NUM: 08 COG 34.7° SOG: 7.9Kts BTW:302,0° DTW:116.9nm
--	--

12 EXPANSION CHANNELS

Authorized users can have up to 10 expansion channels activated on their Nexus NX2500 units.

Contact your dealer, National distributor or Nexus Marine AB Service Division

13 ATIS FUNCTION

The ATIS function is a mandatory technical requirement according to Automatic Transmitter Identification System (ATIS) used in some countries. NX2500 can work on ATIS band by a licence.

If you have an ATIS licence, NX2500 can work on ATIS channels,

Contact your dealer, National distributor or Nexus Marine AB Service Division

- In ATIS mode, channels do not have full scan, memory scan, dual watch and DSC/Distress alert. The VHF will transmit the ID code during transmission.
- In ATIS SEA mode, channels do not have Full Scan and Memory Scan but have Dual Watch and DSC/Distress Alert.

14 Technical Specifications

Power supply	DC 12 V +30/-10%
Channel capability	57 international channels UK: includes M1 (previously 37) and M2
Frequency Resolution	25KHz
Method of frequency generation	synthesizer
Dimension	175(W) × 79(H) × 130(D) mm
Weight	1175 grams

14.1 RECEIVER

Multi Channel Receiver

- The receiver incorporates a dual conversion super-heterodyne design.
- Tuning frequency range 156.025-163.275MHz
- IF frequency used: 21.4MHz; 455KHz
- Maximum useable sensitivity ≤6dBµe.m.f. of 20dB/SINAD
- Adjacent Channel selectivity ≥70dB
- Spurious Response Rejection ≥70dB
- Inter-modulation Rejection ≥68dB
- Spurious Emission radiation □2nW
- Current: 0.9 Amps (Max Audio)
0.3 Amps (STBY)
- Audio Frequency Response +1, -3dB of +6dB/octave
De-emphasis 300-3000Hz
- Hum and Noise ≤40dB
- Audio output 3.5W at less than 10% distortion
with 8 Ohm external speaker
2W only internal speaker

14.2 CHANNEL 70 MONITOR GENERAL SPECIFICATION

1.Frequency	CH70 (156.525MHz)
2.Sensitivity	$\leq 0\text{dB}\mu\text{EMF}$ for 20dB SINAD
3.Bandwidth	16KHz
4. First IF frequency used	17.9MHz
5. Second IF frequency used	455KHz
6. Adjacent Channel Selectivity	$\geq 70\text{dB}$
7. Spurious response Rejection	$\geq 70\text{dB}$
8. Inter-modulation Rejection	$\geq 65\text{ dB}$
9. Mode of Reception	16K0G2B
10. Spurious Emission, Radiation	$\leq 2\text{nW}$, 9KHz to 2GHz

14.3 TRANSMITTER

1.Type of emission	16K0F3E(Voice) 13K5G2B(DSC)
2.Frequency range	156.025-161.425MHz
3.Output power	25W, 1W into 50 Ohms
4. Audio Harmonic Distortion	$\leq 10\%$
5. Audio Frequency Response	+/-3dB of +6dB/octave Pre-emphasis 300 – 3000Hz
6. Hum and Noise	$\leq -40\text{dB}$
7. Frequency Deviation	5KHz max peak
8. Spurious Emissions (Radiated)	$\leq 0.25\mu\text{W}$
9. Current	$\leq 5\text{ Amps}$ (25W)

14.4 NAVTEX

1.Messages stored	64
2.Input data format NAVTEX data-serial	ASCII at 9600 baud, 8-bits, no parity, stop bit without handshake.

14.5 GPS

1.Input data format:	NMEA0183 version 2.0 sentences RMC, GGA and GLL
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15 International VHF Marine Channel Chart

Channel	Transmitter Frequency	Receiver Frequency	Mode S/D	Channel Assignment	Function	
					Ship To Ship	Ship To Shore
1	156.050	160.650	D	Public Correspondence, Port Operation	YES	YES
2	156.100	160.700	D	Public Correspondence, Port Operation	YES	YES
3	156.150	160.750	D	Public Correspondence, Port Operation	YES	YES
4	156.200	160.800	D	Public Correspondence, Port Operation	YES	YES
5	156.250	160.850	D	Public Correspondence	YES	YES
6	156.300	156.300	S	Safety (Compulsory)	YES	NO
7	156.350	160.950	D	Port Correspondence, Port Operation	YES	YES
8	156.400	156.400	S	Commercial, inter-ship	YES	NO
9	156.450	156.450	S	Commercial/Non-Commercial	YES	YES
10	156.500	156.500	S	Commercial	YES	YES
11	156.550	156.550	S	Commercial, VTS	YES	YES
12	156.600	156.600	S	Port Operation, VTS	NO	YES
13	156.650	156.650	S	Bridge to Bridge, (1W) navigational	YES	YES
14	156.700	156.700	S	Port Operation, VTS	YES	YES
15	156.750	156.750	S	Recv Only-Coast to Ship	YES	YES
16	156.800	156.800	S	Calling & Safety, Compulsory	YES	YES
17	156.850	156.850	S	State Controlled Ship to Coast (1W)	YES	YES
18	156.900	161.500	D	Port Operation	YES	YES
19	156.950	161.550	D	Port Operation	NO	YES
20	157.000	161.600	D	Port Operation	NO	YES
21	157.050	161.650	D	Public Correspondence	NO	YES
22	157.100	161.700	D	Public Correspondence	NO	YES
23	157.150	161.750	D	Public Correspondence	NO	YES
24	157.200	161.800	D	Public Correspondence		
25	157.250	161.850	D	Public Correspondence		
26	157.300	161.900	D	Port Operation, VTS		
27	157.350	161.950	D	Public Correspondence, Port Operation		
28	157.400	162.000	D	Public Correspondence, Port Operation		
60	156.025	160.625	D	Public Correspondence, Port Operation		
61	156.075	160.675	D	Public Correspondence, Port Operation		
62	156.125	160.725	D	Public Correspondence, Port Operation		
63	156.175	160.775	D	Public Correspondence, Port Operation		
64	156.225	160.825	D	Public Correspondence, Port Operation		
65	156.275	160.875	D	Public Correspondence, Port Operation	YES	YES
66	156.325	160.925	D	Public Correspondence, Port Operation	YES	YES
67	156.375	156.375	S	Non-Commercial, VTS	YES	NO
68	156.425	156.425	S	Non-Commercial	YES	YES
69	156.475	156.475	S	Non-Commercial	YES	YES
70		156.525	S	DSC Distress, urgency, safety and	YES	NO
71	156.575	156.575	S	Intership, Port Operation, on	YES	YES
72	156.625	156.625	S	Non-Commercial	YES	NO
73	156.675	156.675	S	Port Operation, VTS	YES	YES
74	156.725	156.725	S	Port Operation, VTS	YES	YES
77	156.875	156.875	S	Intership, Port Operation	YES	NO
78	156.925	161.525	D	Port Operation, Public Correspondence	YES	YES
79	156.975	161.575	D	Port Operation, Public Correspondence	YES	YES
80	157.025	161.625	D	Port Operation, Public Correspondence	YES	YES
81	157.075	161.675	D	Port Operation, Public Correspondence	YES	YES
82	157.125	161.725	D	Port Operation, Public Correspondence	YES	YES
83	157.175	161.775	D	Port Operation, Public Correspondence	YES	YES
84	157.225	161.825	D	Public Correspondence	YES	YES
85	157.275	161.875	D	Public Correspondence	NO	YES
86	157.325	161.925	D	Public Correspondence	NO	YES
87	157.375	157.375	S			
88	157.425	157.425	S			

16 Installation

16.1 Unit Installation

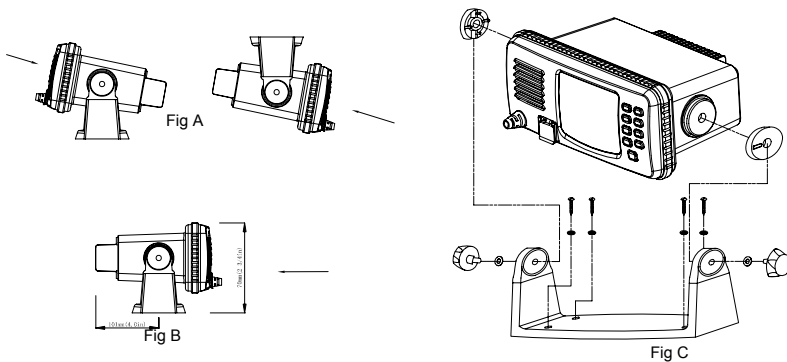
The NX2500 should be sited so that engine noise and vibration or other background noise does not make it difficult for the operator to hear.

It is recommended that it is not installed where it will be exposed to continuous direct sunlight as this will eventually damage the LCD display.

As loudspeakers contain powerful magnets, the radio should not be installed within 1m (3ft 3in) of any compasses, whether magnetic or electronic.

The fins on the back of the case act as a heat sink to dissipate heat generated by the set when in use, which maintains the high efficiency of the radio. The free circulation of air is essential - if mounting the radio in an enclosed space ensure that the space is vented.

The NX2500 is supplied with a reversible mounting bracket. This can be used to mount the radio on the chart table or on an overhead bulkhead (Fig A). Before installing, ensure that there is at least 101mm (4.0 in) vertical clearance and 70mm (2 3/4in) horizontal clearance behind the bracket to allow the radio to fit (Fig B). The rake angle of the radio can be adjusted by slackening the clamp.



On the back of the case of NX2500 there is an antenna socket, a power cable socket and a jack socket for an external speaker / the GPS input and NAVTEX input (Fig D).

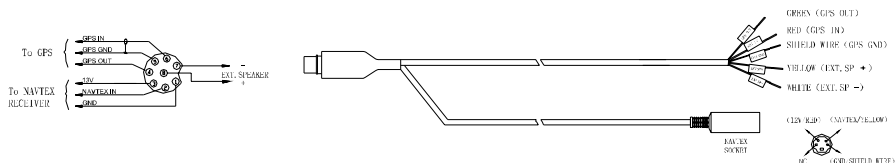


Fig D

The NX2500 requires a 12V DC supply to operate, this lead should be connected to the vessel's power supply (the red wire is positive, black is negative), keeping the cable runs as short as possible. Although the radio draws very little current when receiving, a heavier current is drawn when transmitting which may result in a voltage drop if very long cable runs are used of inadequate core diameter. If the supplied power lead is not long enough, an extension of up to 3m(10 ft) can be made using at least 2.5mm (13AWG) wire.

The chassis of the NX2500 is not connected to either supply rail. This allows a direct connection to the ship's earth connection for voltage and RF interface protection. The red wire is positive and black is negative. If polarity is accidentally reversed, the set will not operate.

The antenna is connected to the NX2500 using a standard PL259 type connector as fitted to most marine antennas. If fitting to an existing antenna, check that the contacts are not corroded before connecting, as this will affect the quality of the signal, Ensure that the retaining collar of the antenna plug is securely tightened to prevent accidental disconnection.

16.2 Antenna Installation Recommendations

The most important factor in the performance of the NX2500 will be the quality and positioning of the antenna. Most recorded problems with VHF radios are related to poor antenna position, faulty cabling, poor quality cable joints and low voltage supply. Even the best performing radio cannot compensate for these factors. If replacing an existing installation using the same antenna, it is important that these factors are checked when installing the radio.

As the range of VHF signals are governed by line of sight, the antenna should be placed as high as possible, while remaining clear of any metallic objects that could influence the resonance of the antenna.

The most popular antennae for marine use are 1m (3ft 3in) long. On sail boats these are usually mounted at the masthead, where the length of the antenna keeps it clear from the navigation lights and wind vanes etc. This type of antenna can also be mounted on the cabin roof or radar arch on powerboats.

Longer whip antennae are recommended for larger boats. These radiate the same total power as smaller antennae, but concentrate it into a narrower beam, which is advantageous on a tall mast at extreme range where concentrating the available power into a narrow horizontal beam becomes more important. However, if the antenna is not vertical when transmitting, the beam will be angled either too high or too low (Fig E). Here the wider beam of the shorter antenna will be more universally effective, although the signal will be weaker (Fig F):

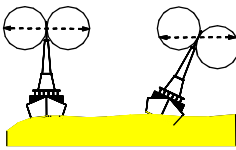


Fig E

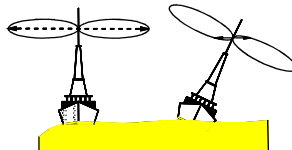


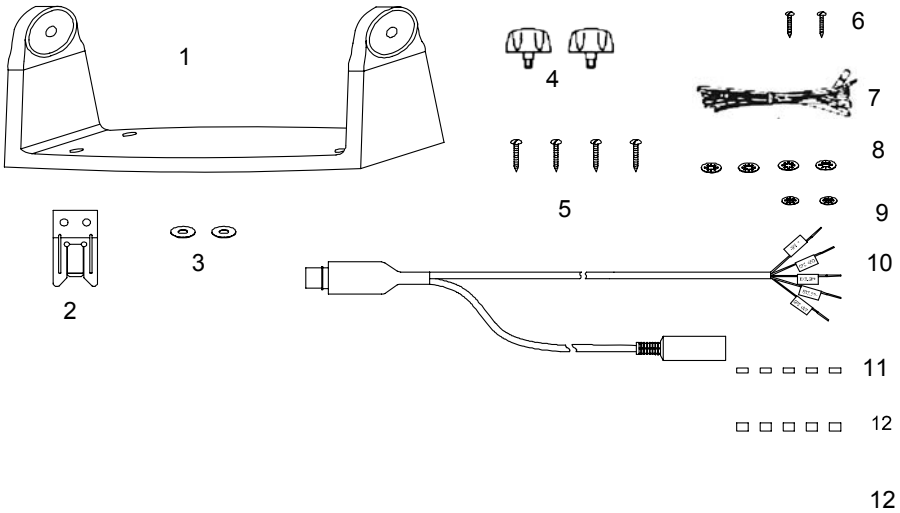
Fig F

Therefore vessels with a large heel angle (small sailboats) would be better choosing a short masthead antenna. Your local agent should be able to provide specific advice on antenna choice for the vessel it is to be fitted to.

The antenna coaxial cable and any connectors used must be rated at 50Ω. Under no circumstances should standard domestic TV cable and connectors be used. Incorrectly rated cabling and connectors could result in power not reaching the antenna, but also power could be reflected back into the radio, damaging it in the process.

17 Supplied Parts

- | | | | |
|----------------------------|---|----------------------------|---|
| 1. Mounting Bracket | 1 | 8. Mounting Bracket Washer | 4 |
| 2. Microphone Hanger | 1 | 9. Hanger Spring washer | 2 |
| 3. Bracket Knob Washers | 2 | 10. GPS/NAVTEX/Speaker | |
| 4. Mounting Bracket Knobs | 2 | plug cord | 1 |
| 5. Mounting Bracket Screws | 4 | 11. Thermoshrink Tube | 4 |
| 6. Mic Hanger Screws | 2 | 12. Thermoshrink Tube | 4 |
| 7. Power Cord | 1 | | |



18 WARRANTY

WARRANTY

GENERAL

All our products are designed and built to comply to the highest class industry standards. If the products are correctly installed, maintained and operated, as described in the installation and operation manual, they will provide long and reliable service. Our international Network of distributors can provide you with the information and assistance you may require virtually anywhere in the world.

Please read through and fill in this warranty card and send it to your national distributor for product registration.

LIMITED WARRANTY

The warranty covers repair of defective parts due to faulty Manufacturing and includes labour when repaired in the country of purchase. The warranty period is stated in the product manual, and commences from the date of purchase. The above warranty is the Manufacturer's only warranty and no other terms, expressed or implied, will apply. The Manufacturer specifically excludes the implied warranty of merchantability and fitness for a particular purpose.

CONDITIONS

- The supplied warranty card and receipt with proof of purchase date, must be shown to validate any warranty claim. Claims are to be made in accordance with the claims procedure outlined below.
- The warranty is non-transferrable and extends only to the original purchaser.
- The warranty does not apply to Products from which serial numbers have been removed, faulty installation or incorrect fusing, to conditions resulting from improper use, external causes, including service or modifications not performed by the Manufacturer or by its national distributors, or operation outside the environmental parameters specified for the Product.
- The Manufacturer will not compensate for consequential damage caused directly or indirectly by the malfunction of its equipment. The Manufacturer is not liable for any personal damage caused as a consequence of using its equipment.
- The Manufacturer, its national distributors or dealers are not liable for charges arising from sea trials, installation surveys or visits to the boat to attend to the equipment, whether under warranty or not. The right is reserved to charge for such services at an appropriate rate.
- The Manufacturer reserves the right to replace any products returned for repair, within the warranty period, with the nearest equivalent, if repair within a reasonable time period should not be possible.
- The terms and conditions of the warranty as described do not affect your statutory rights.

CLAIMS PROCEDURE

Equipment should be returned to the national distributor, or one of its appointed dealers, in the country where it was originally purchased. Valid claims will then be serviced and returned to the sender free of charge.

Alternatively, if the equipment is being used away from the country of purchase, it may be returned to the national distributor, or one of its appointed dealers, in the country where it is being used. In this case valid claims will cover parts only. Labour and return postage will be invoiced to the sender at an appropriate rate.

DISCLAIMER

Common sense must be used at all times when navigating and the Manufacturer's navigation equipment should only be considered as aids to navigation.

The Manufacturer's policy of continuous improvement may result in changes to product specification without prior notice.

File id:

WARRANTY CARD
TO BE RETURNED TO YOUR NATIONAL DISTRIBUTOR

OWNER:

Name: _____

Street : _____

City/Zip Code : _____

Country: _____

Product name:

Serial number:

	A	B	C	1	2	3	4	5	6	7
_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Date of purchase: _____ Date installed: _____

Dealers stamp:

Tick here if you do not wish to receive news about future products

19 DECLARATION OF CONFORMITY



Declaration Of Conformity

Nexus Marine AB

P.O. Box 998

S19129 Sollentuna

Sweden

Hereby confirms that this VHF Radio conforms to the essential requirements of the Radio and Telecommunications Terminal Equipment Directive 1999/5/EC and that all appropriate test suite measurements have been performed.

Equipment: **Marine VHF with DSC Class D**

Type-designation: **NX2500**

This compliance is based on conformity with the following harmonised standards, specifications or documents:

Standards No: EN 50385
EN 60215
EN 301 843-1/-2
EN 301 025-1/-2/-3
Statement No: G103785V

CE 0678 

Tony Kent
Chief Operating Officer
Nexus Marine AB
Sollentuna, Sweden
2007-11-20

Copyright ©:
Nexus Marine AB
Kuskvägen 4, 191 62 Sollentuna, Sweden
Tel: +46 -(0) 8 – 506 939 00. Fax: +46 -(0) 8 -506 939 01
www.nexusmarine.se