

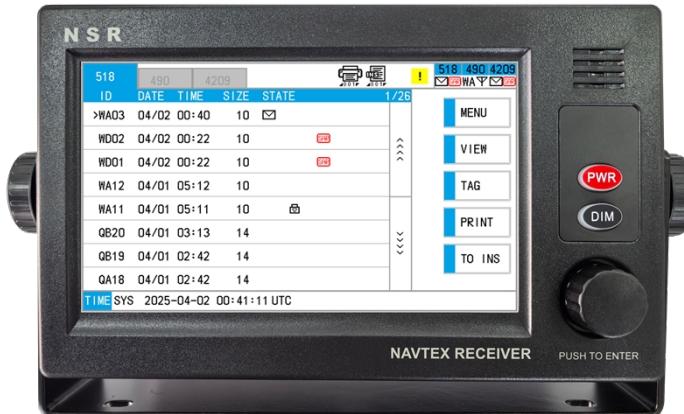
# NAVTEX RECEIVER

**NVX-1000/NVX-3000**

NSR's new generation of NAVTEX RECEIVER:

- SDR (Software Defined Radio) technology, super sensitivity
- Large 7-inch color LCD, touch screen operation
- Meet the latest rules: IMO MSC.508 (105), IMO MSC.302 (87)
- Three-channel receiving simultaneously
- Data interface to BAM/INS
- Type approval with DNV (MED) and CCS

|          |     |
|----------|-----|
| NVX-1000 | CCS |
| NVX-3000 | DNV |



[ STATION SETTING ]

|         |                |   |   |   |   |   |   |   |   |   |   |   |  |
|---------|----------------|---|---|---|---|---|---|---|---|---|---|---|--|
| STORAGE | FREQ. = 518kHz |   |   |   |   |   |   |   |   |   |   |   |  |
| A       | B              | C | D | E | F | G | H | I | J | K | L | M |  |
| N       | O              | P | Q | R | S | T | U | V | W | X | Y | Z |  |
| PRINT   |                |   |   |   |   |   |   |   |   |   |   |   |  |
| A       | B              | C | D | E | F | G | H | I | J | K | L | M |  |
| N       | O              | P | Q | R | S | T | U | V | W | X | Y | Z |  |
| INS     |                |   |   |   |   |   |   |   |   |   |   |   |  |
| A       | B              | C | D | E | F | G | H | I | J | K | L | M |  |
| N       | O              | P | Q | R | S | T | U | V | W | X | Y | Z |  |
| [ ON ]  |                |   |   |   |   |   |   |   |   |   |   |   |  |

[ VIEW MESSAGE ]

|                      |   |
|----------------------|---|
| PAGE                 | ZJ0249 EAST CHINA SEA M/T JIU HUA SHAN PASS THE |
| 01/01                |   |
| FREQ                 |   |
| 518                  |   |
| ID                   |   |
| QA01                 |   |
| TIME -UTC            | DREDGED DEEP-CHANNEL OUTSIDE XIAZHEN            |
| 02-03                | FAIRWAY VIA 29-41.26N/122-31.31E 29-41.         |
| 02:48                | 55N/122-30.21E 29-43.88N/122-21.39E 29-         |
| SIZE                 | 44.28N/122-19.86E                               |
| 287                  | AND 29-45.30N/122-18.50E FROM 280545UTC         |
| CER                  | TO 280645UTC APR ENTRANCE PROHIBITED            |
| 00%                  | ZHEJIANG  |
| STATE                | MSA CHINA                                       |
| UNALL                | NNNN  |
| BACK                 |   |
| CONTENT              |   |
| NAVIGATIONAL WARNING |   |



## FEATURES

- Large 7-inch color LCD.
- Receive on three IMO NAVTEX frequencies (518 kHz, 490 kHz and 4209.5 kHz) simultaneously.
- Displays the message contents.
- Messages are stored for 72 hours.
- Simple to operate by touch screen.
- Desktop or flush mount.
- External printer/NMEA/BAM/INS interface and External alarm output.
- Low power consumption.
- Self-diagnosis function.

## EQUIPMENT LIST

### ● STANDARD

- Receiver NVX-1000/NVX-3000 1 pc
- Loop Antenna NXA200 1 pc
- Accessories 1 set

### ● OPTIONS

- Printer NPT-100 1 pc
- AC/DC PSU PS-10 1 pc
- Flush Mount Bracket 1 pc

## SPECIFICATIONS

### ● NAVTEX RECEIVER

- Receiving Frequencies: 518 kHz, 490 kHz & 4209.5 kHz, to receive on three channels simultaneously
- Mode of Reception: F1B
- Sensitivity: Better than -107 dBm

### ● DISPLAY

- Display System: 7 inch, color LCD, touch screen operation, 154 (W)×87 (H) mm
- Resolution: 800 x 480

### ● INTERFACE

- Input Sentences of NMEA IN Port: ZDA, RMC
- Input Sentences of BAM/INS Port: NRM, CRQ, ACK, ACN
- Output Sentences of BAM/INS Port: ALR, NRX, NRM, ACN, ACK, ALF, ALC, ARC, HBT

- POWER SUPPLY: DC 24 V (range 21.6 V ~ 31.2 V), 10 W average

- WEIGHT: 2.3 kg (Receiver)

### ● SIZE:

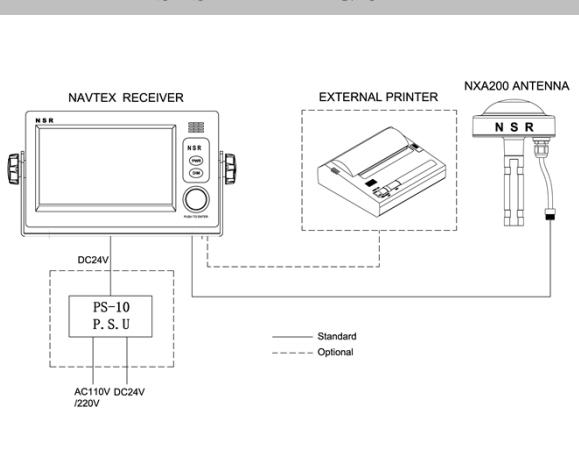
- ENVIRONMENTAL CONDITIONS: 264 (W)×145 (H)×83 (D) mm (Receiver)

- Operating Temperature: -20°C ~ +55°C (Receiver), -40°C ~ +55°C (Antenna)

- IP Grade: IP22 (Receiver), IP66 (Antenna)



## SYSTEM DIAGRAM



## SIZE DIMENSION

