# NAVTEX RECEIVER
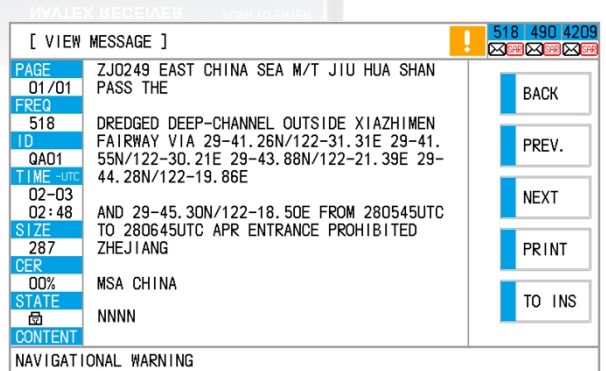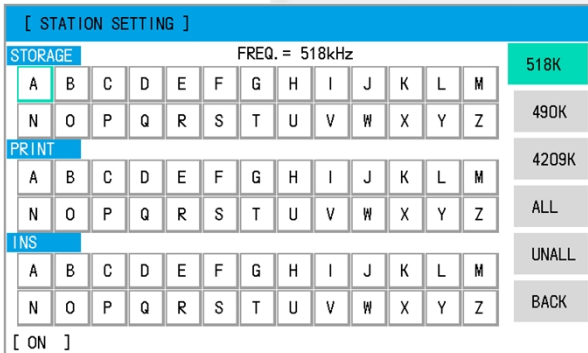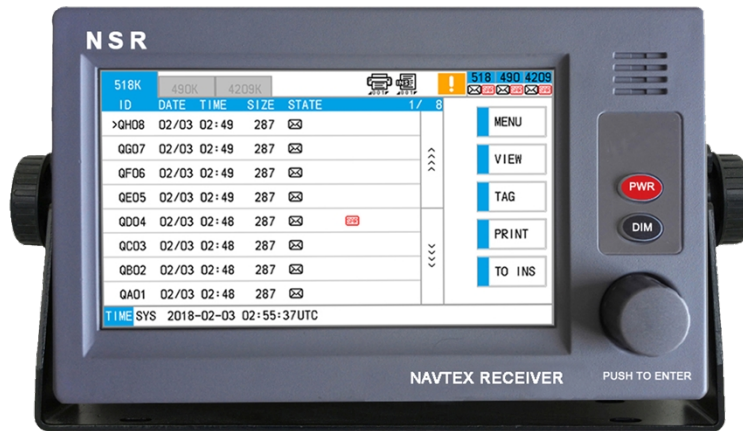
NSR's new generation of NAVTEX Receiver:

- SDR (Software Defined Radio) technology, super sensitivity
- Large 7 inch color LCD, touch screen operation
- Meet the latest rules: IMO MSC.430 (98), IMO MSC.302 (87), IEC 62923-1, IEC 62923-2
- Real three-channel receiving
- Data interface to BAM system/INS
- Type approval with DNV (MED), CCS, RS and VR

| | |
|---|---|
| NVX-1000 | DNV, CCS, RS, VR |
| NVX-3000 | DNV, RS, |

## 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 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                           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
- **ENVIRONMENTAL CONDITIONS**
- - Temperature Range:             -20℃ ~ +55℃ operating, -30℃ ~ +70℃ storage (Antenna)
- - IP Grade:                          IP22 (Receiver), IP66 (Antenna)
- - Compass Safe Distance:        1.15 m (standard)
- **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 (10 V ~ 38 V, 10 W average)
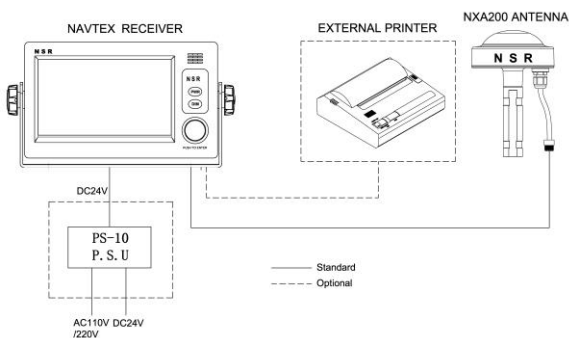- **WEIGHT:**                         2.3 kg（Receiver）
- **SIZE:**                           264 (W)×145 (H)×83 (D) mm (Receiver)

## SYSTEM DIAGRAM



## SIZE DIMENSION



**LOOP ANTENNA**

**RECEIVER**

※ *Specifications subject to change without notice*