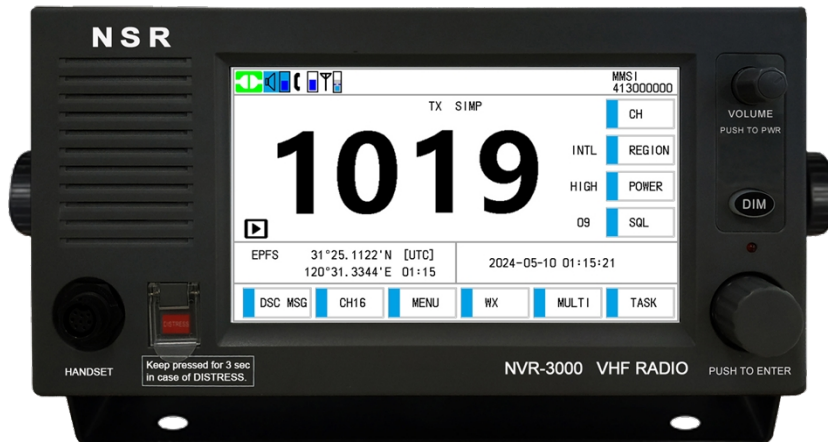


VHF RADIO (DSC Class A)

NVR-3000

NSR's new generation of VHF RADIO:

- Meet the latest ITU standards
- Large 7-inch color display with touch screen operation
- 4-digit channels available
- Dual-watch / Tri-watch function
- Audio interface to VDR & Data interface to BAM/INS
- Operational dual handsets/wing handsets/remote stations/Tug handset & Mic
- Replay function available
- ATIS function available
- User channel table configurable
- Type approval with DNV (MED) and CCS



- NVR-3000 VHF RADIO (GMDSS) is a high-performance VHF device, capable of voice communication and DSC (digital selective calling) facilities as well.
- Conforming to the Class A standard set for VHF DSC by ITU and IMO regulations, NVR-3000 can be part of an onboard GMDSS package for vessels of A1, A2, A3 and A4.
- Interfaces to VDR and BAM system/INS are available on NVR-3000.
- NVR-3000 conforms to the regulations of ITU-R M.493-16, ITU-R M.541-11, IMO MSC.302 (87), MSC.1/Circ.1460/Rev.5, MSC.511 (105), IEC 61097-7, etc.



SPECIFICATIONS

- TX Frequency: 156.025 ~ 157.425 MHz
- RX Frequency: 156.050 ~ 163.275 MHz
- Working Channel: ITU
- DSC Watch CH: CH70
- TX Power: 25 W (high) / 1 W (low)
- RX Sensitivity: $\leq 2 \mu\text{V e.m.f (SINAD=20 dB)}$
- Display: 7-inch color LCD, touch screen operation
- Interface:
 - GNSS Input: RS422, 4800 bps
 - VDR Output: 600 Ω balanced
 - BAM/INS I/O: RS422, 4800 bps
 - Print I/O: RS232, 4800 bps
- Power Supply: DC 24 V (range 21.6 V ~ 31.2 V), max 4.5 A
- Size: 146.9 (H) \times 311.4 (W) \times 117 (D) mm (Transceiver)
- Weight: 3 kg (Transceiver)
- IP Grade: IP22: Transceiver, Handset: IP66: Antenna

EQUIPMENT LIST

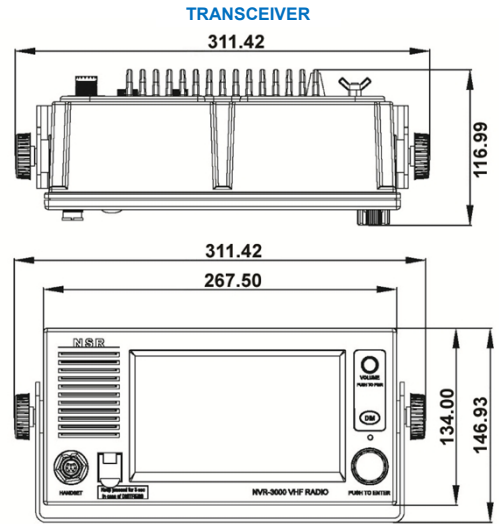
● STANDARD

- Transceiver NVR-3000 1 pc
- Handset NHS-200 1 pc
- Accessories 1 set

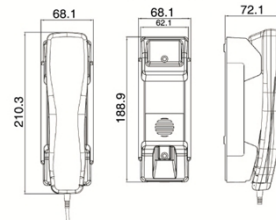
● OPTIONS

- AC/DC PSU PS-10 1 pc
- Alarm Unit NAU-100 1 pc
- External speaker NSK-100 1 pc
- Additional Headset NHS-200 1 pc
- Remote Station NVR-3000R 1 set
- Dual Handset Kit 1 set
- Wing Handset Kit 1 set
- Tug Handset & Mic Kit NHS-206J/M/P 1 set
- Remote Unit NRU-100 1 pc
- VHF Antenna NVA100 2 pcs
- Sun Cover NSC700B 1 pc

SIZE DIMENSION



HANDSET



SYSTEM DIAGRAM

