

NSR's new generation of VHF RADIO:

- Meet the latest ITU standards
- Large 7-inch color display
- Knob & touch screen operation
- 4-digital channels available
- Audio interface to VDR
- Handset to be used
- Data interace to BAM System/INS
- Type approval with DNV-GL (MED)



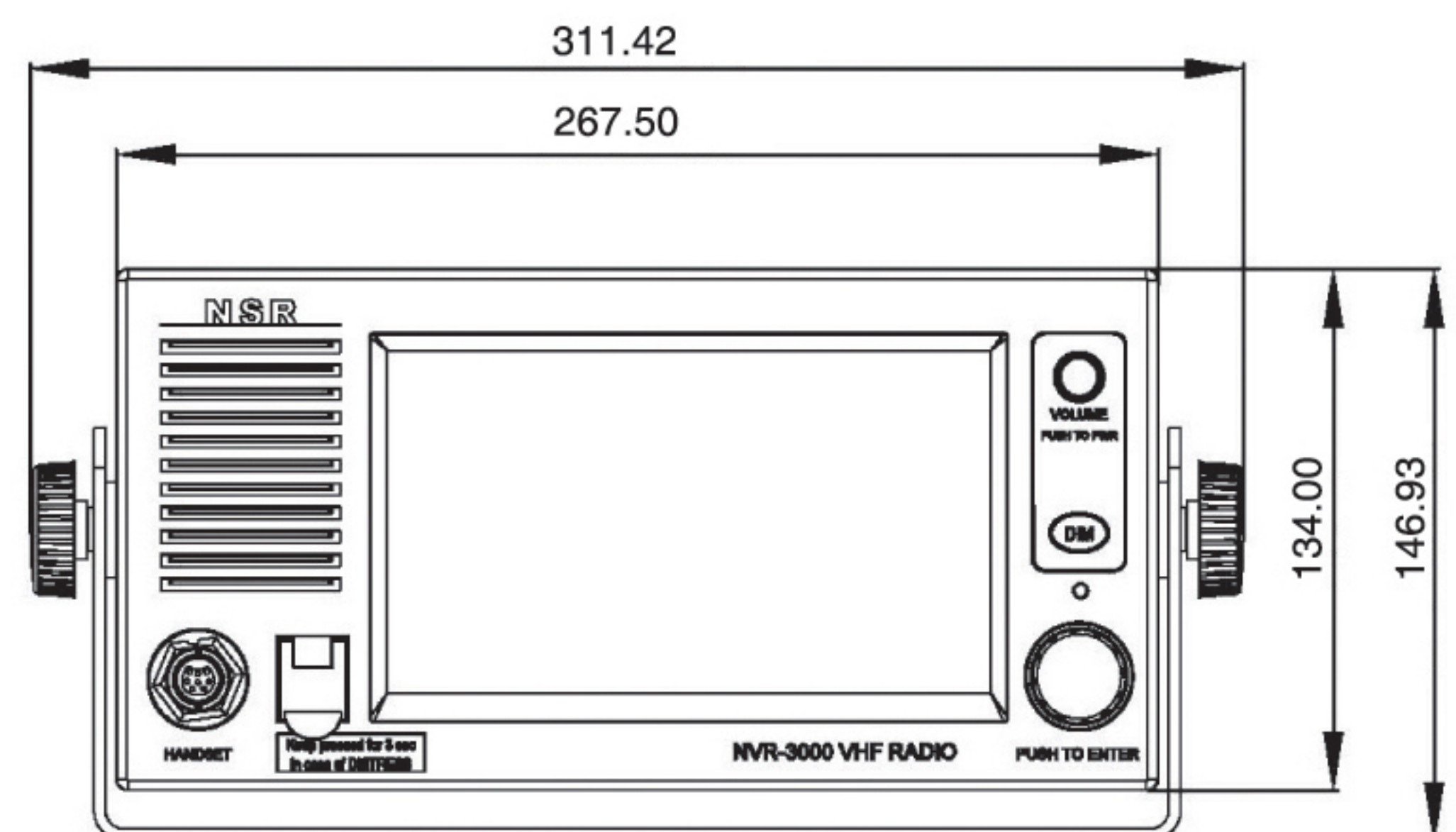
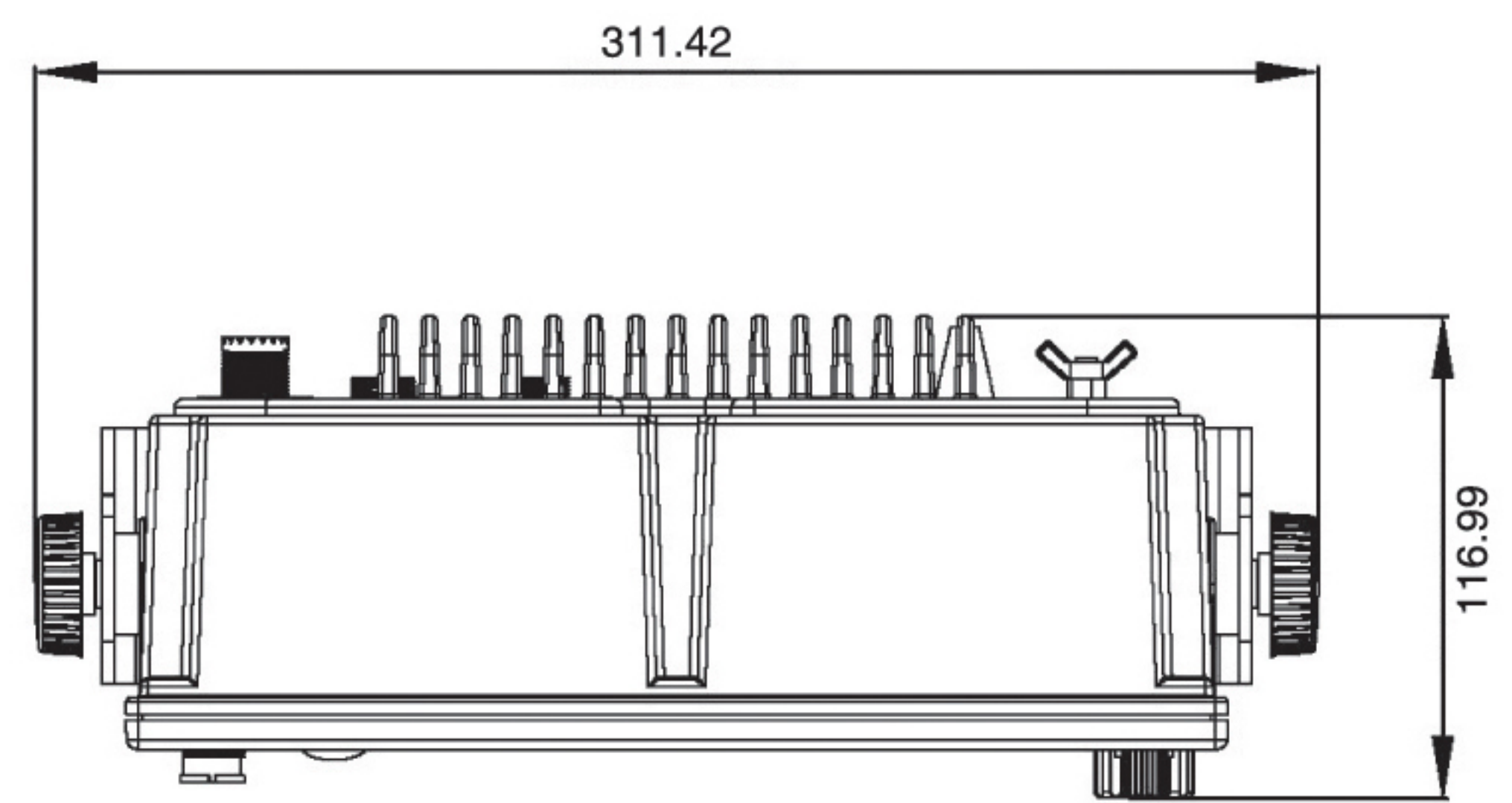
NVR-3000 VHF RADIO (GMDSS) is a high performance VHF device, capable of voice communication and DSC (digital selective calling) facilities as well. Conforming to Class A standard set for VHF DSC by ITU and IMO regulation, NVR-3000 can be part of onboard GMDSS package for vessels of A1, A2 or A3. Interfaces to VDR and BAM system are available on NVR-3000. NVR-3000 conforms to the regulations of ITU-R M.493-15, IMO M302 (87) [2010], IEC 61097-3: 2017, IEC 61097-7: 2018, IEC 62923-1: 2018, IEC 62923-2: 2018.



SPECIFICATIONS

- TX Frequency: 156.025~157.425 MHz
- RX Frequency: 156.050~163.275 MHz
- Working Channel: ITU
- DSC Watch CH: CH70
- TX Power: 25W (high) / 1W (low)
- RX Sensitivity: $\leq 2\mu\text{V}$ (SINAD=20dB)
- Display: 7 inch, color LCD, touch screen operation
- Interface
 - GNSS input: RS422, 4800bps
 - VDR output: 600Ω balanced
 - BAM/INS I/O: RS422, 4800bps
 - Printer I/O: RS232, 4800bps
- Power Supply: 24VDC (max 4A)
- Weight: 3kg
- IP Grade: IP22

SIZE DIMENSION



EQUIPMENT LIST

- STANDARD
 - Transceiver 1 pc
 - Handset 1 pc
 - Accessories 1 set
- OPTIONS
 - AC/DC PSU 1 pc
 - External speaker 1 pc
 - MIC 1 pc
 - VHF antenna 2 pcs
 - Flush Mount Brackets 1 set

SYSTEM DIAGRAM

