

NORTHSTAR

NS100



NS100 MARINE VHF RADIO.

The Northstar NS100 marine VHF DSC radio, available in single and dual station models, combines the ease-of-use and peace-of-mind you expect from Northstar and provides a wealth of useful features.

- The latest DSC SC-101 (US) or Class-D (EU) functions
- Dedicated distress call button automatically transmits MMSID and position until an acknowledgement is received
- Alphanumeric handset with built-in screen for easy operation and information display
- Access to all available marine VHF channel banks including weather
- Adjustable contrast on the handset LCD and adjustable backlighting on for low light and no light use

The dual station model also offers:

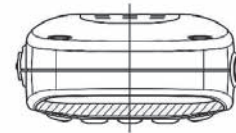
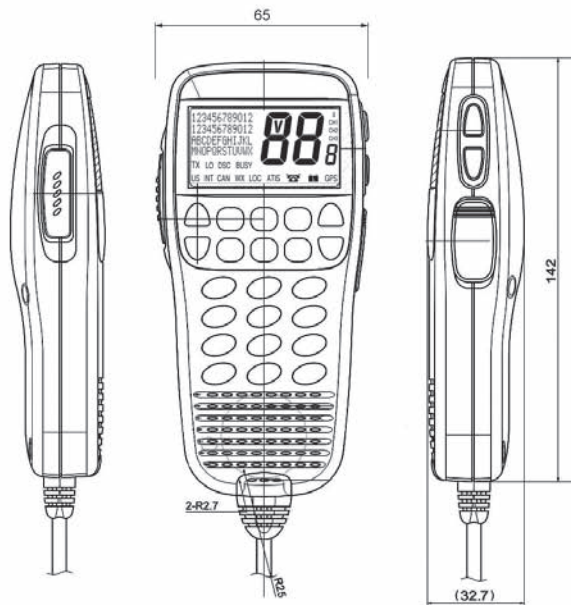
- Second alphanumeric handset
- Intercom capabilities between handsets
- Foghorn mode
- Hailer function

The NS100 radio - the features you need and the performance you expect from Northstar.

DISCOVER IT.

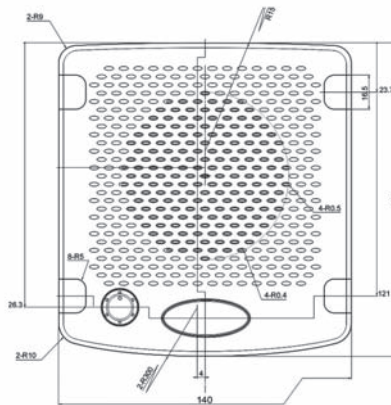
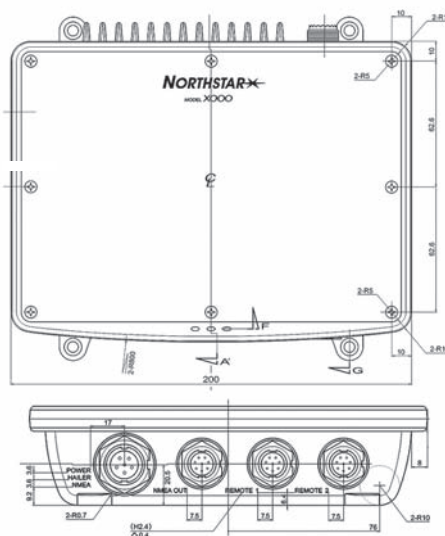
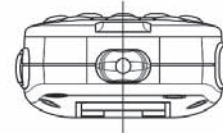
NORTHSTAR

www.northstarnav.com



NS100 - Marine VHF DSC Radio

handset sides, front & top. units: mm



NS100 - Marine VHF DSC Radio Black-box & Speaker front and side

SPECIFICATIONS GENERAL:

- Power supply: 13.6V DC
- Current drain: Transmit 6A at 25W Tx / 1.5A at 1W Tx Receive Less than 400mA in standby
- Useable channels (country-specific) International, USA, Canada, Weather
- Modulation mode: 16K0G3E (FM)16K0G2B (DSC)
- DSC: USCG SC-101 for US, Class-D for EU

PHYSICAL:

- LCD display (viewing): 48(W)x24(H)mm FSTN 4x12 character
- Contrast & backlight control: Yes
- Temperature range: -15°C to 50°C

- Waterproofing: Handset~JIS7 Speaker/ Box~IPX6
- Frequency stability: +/- 10ppm
- Frequency control: PLL

TRANSMITTER:

- Frequency: 156.025~157.425MHz
- Output power: 25W / 1W selectable
- Max Freq deviation: +/- 5kHz
- Spurious & harmonics: Attenuated at least 43+10logPo (USA) 80dB@25W, 60dB@1W (EU)
- Modulation distortion: Less than 10%1kHz for a +/-3kHz deviation

RECEIVER:

- Frequency: 156.025~163.275MHz
- 12dB SINAD sensitivity: 0.25uV
- Adjacent CH selectivity: more than 80dB
- Spurious response intermodulation: more than 80dB
- Rejection ratio: more than 80dB
- Residual noise level: more than 80dB unquieted
- Audio output power: handset~1W external speaker~2W hailer~20W into 4ohms

Specifications are subject to change without notice.

NORTHSTAR

USA
30 Sudbury Road,
Acton, MA 01720, USA
Ph: +1 978.897.6600
+1 800.628.4487
Fax: +1 978.897.7241
sales@bntmarine.com

EUROPE
Unit 2 Ocean Quay,
Belvidere Rd, Southampton,
SO14 5QY, England
Ph: +44 2380 339922
Fax: +44 2380 330345
sales@northstarnav.com

AUSTRALIA
PO Box 479,
Gladesville, NSW 2111,
AUSTRALIA
Ph: +2 9879 9060
Fax: +2 9879 9009
sales@northstarnav.com

NEW ZEALAND
Crystal Electronics Ltd
PO Box 12 760, Penrose
Auckland, NEW ZEALAND
Ph: +64 9 579 3726
Fax: +64 9 525 2687
sales@crystal.co.nz

www.northstarnav.com