SAMYUNG ENC

MARINE VHF/DSC RADIO TELEPHONE
STR-7000A

- ITU-R M.493-14 / M.541-10 standard is designed to fully meet the latest GMDSS CLASSA IMO regulation
- Integrated CH70 DSC dedicated receiver and DSC dedicated antenna connections enable simultaneous reception of DSC during transmission
- Clear color screen on large LCD displays all information over 160 characters
- High quality front built-in speakers
- Convenient Night Calls with LCD back-light

Meets GMDSS CLASS-A IMO Regulation



MARINE DSC VHF TELEPHONE

STR-7000A

VHF

FRONTIER OF MARINE ELECTRONICS

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MARINE VHF DSC RADIO TELEPHONE

FEATURES

- ITU-R M.493-14 / M.541-10 standard is designed to fully meet the latest GMDSS CLASS-A IMO regulation
- Integrated CH70 DSC dedicated receiver and DSC dedicated antenna connections enable simultaneous reception of DSC during transmission
- Clear color screen on large LCD displays all information over 160 characters
- Remote function that enable up to 15 installation
- Ability to Store / Edit / Call MMSI number in 3 groups of 20 MMSI number
- Convenient channel selections and front built-in speakers
- Convenient Night Calls with LCD BACK-LIGHT

SPECIFICATIONS

GENERALS

- TX Frequency : 156.025MHz ~ 157.425MHz
- RX Frequency : 156.050MHz ~ 163.275MHz
- Number of Channels: 191 Channels (ITU:63, USA:57, CAN:61, WX:10)
- Type of Emission : FM(16K0G3E), DSC(16K0G2B)
- Communication Mode : Simplex and Semi-Duplex
- Antenna Impedance : 50Ω(SO-239)
- Freq. Stability : ±10 PPM(-20℃ ~ +60℃)
- Power supply : Input DC24V / Output DC13.8V / max 10A
- Consumed Currency (13.8V) : TX: 5.5A Max , RX: 1.5A Max
- Size / Weight : 136 x 220 x 175 / About 2.2kg

TRANSMITTER UNIT

- Antenna Output(13.8 V DC) : High/25W, Low/1W
- Starting Mode : SYNTHESIZER mode
- Max. Freq. Deviation : ±5KHz or less
- MIC Input Impedance : 2kΩ
- Spurious Emission : 70dB or less
- Adjacent Channel Power : -70dBc or less

RECEIVER UNIT

- Receiving Mode : DOUBLE CONVERSATION SUPER HETERODYNE
- Intermediate frequency : 1st : 21.7MHz / 2nd : 450kHz
- Receiving Sensitivity : 20dB SINAD = 0.32uV or less
  12dB SINAD = 0.22uV or less
- Squelch Sensitivity : 0.3uV
- Adjacent Channel Selectivity : 70dB or more
- Spurious Response Removal Ratio : 70dB or more
- Residual Noise Level : -40dB or less
- Audio Output(13.8 V DC) : 4.5W / 4Ω(distortion factor 10% or less)

DSC WATCH KEEPING RECEIVER

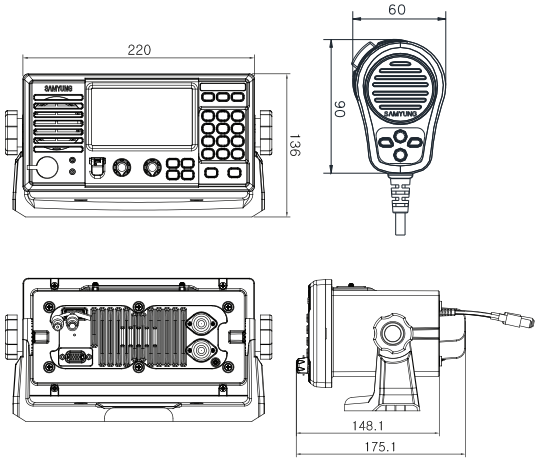
- Receiving Freq. : 156.525MHz
- Mode : 16K0G2B
- DSC Modulation Speed : 1200baud (±30ppm)
- DSC Modulation Quotient : PM/FSK (Within M=2±10%)
- Maximum Available Sensitivity : 0.25uV (10-2 Bit error rate or less)
- DSC Operation : ITU-R M.541-10 / ITU-R M.689-2
- DSC Protocol : ITU-R M.493-14 class-A

CONFIGURATION



DIMENSIONS

STR-7000A
WEIGHT : 2.2Kg



COMPONENTS

- VHF/DSC Radio Telephone Main Unit (STR-7000A)
- Condenser Microphone (SM-6000R-4M)
- Microphone stand
- User Manual
- Installation Material
- (Optional) GPS Antenna Cable
- (Optional) VHF Antenna (SAN-150)
- (Optional) Antenna Cable 15M
- (Optional) AC/DC Power Supply (SP-700)
- (Optional) External Speaker (SS-6000)
- (Optional) Flush Mount Brackets
- (Optional) Antenna Cable 30M
- (Optional) MIC Extend Cable 5M
- (Optional) VHF Antenna (SAN-240)
- (Optional) DSC/VHF Printer
- (Optional) VHF EMG Light

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※ Technical specification maybe changed without prior notice