

# GMDSS MARINE PORTABLE RADIO STV-160

## Marine Two-Way VHF Radio Telephone

- Compliant with ITU-R, IMO Regulation
- ITU, USA, CANADA Channel Available
- Weather Channel Available
- Memory Scanning Function
- Dual Scanning Function
- Waterproof at 1m Depth for 5 Minutes
- Long Life Lithium & NiMH Battery
- Power Saving Functions
- Easy Operation with a Hand in Glove



**STV-160**

## GENERAL

Channels	All current USA, International and Canadian channels, plus 10 Power Channels
Channel Spacing	25KHz
Supply Voltage	7.2 Vdc 1350mAH
Current Drain	Standby 40mA RX:190mA st 0.5W audio output(1KHz) TX:Less than 1A at 2W, 0.7A at 1W, and 0.6A at 0.5W
Operating Temperature Range	-20°C to +60°C
Battery Life	8 Hours (TX :10%, Standby : 90%)
Dimensions	125mm(H)X65.1mm(W)X36mm(D)/4.92"(H)X2.55"(W)X1.41"(D)
Weight	420g

## TRANSMITTER

Frequency Range	156.025 to 157.425 MHz
RF Output Power	Selectable 2W, 1W, 0.5W into 50 $\Omega$ at 7.2Vdc
Spurious Emissions & Harmonic	-65dB at 2W, -55dB at 1W and 0.5W
AF Distortion	Less than 3% at 1KHz for $\pm$ 3KHz Deviation
Max Deviation	$\pm$ 5KHz
Frequency Satability	$\pm$ 5ppm
FM Noise	More than -40dB below audio

## RECEIVER

Frequency Range	156.025 to 163.275 MHz
Circuit Type	Dual conversion superheterodyne
Sensitivity	0.2 $\mu$ V at 12dB SINAD
Adjacent Channel Selectivity	More than 70dB
Intermodulation Response	More than 65dB
Spurious Response Rejection	More than 70dB
Audio Output power	0.5W at 10% distortion into 8 $\Omega$ load

## COMPONENT

Component	Model	Q'ty
Two-way VHF	STV-160	1
Flexible Antenna	ANT-200	1
Lithium Battery (For Emergency Use)	SPL-80	1
Nickel Metal Hydride Battery(Rechargeable)	SPN-72	1
Standard Charger Kit with AC Adapter	SC-62/63	1
Belt Clip	SA-64	1
Installation Manual		1



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