

# **SR203 GMDSS Survival Radio**

VHF Survival Radio Meets All IMO Requirements













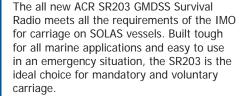
ACR



## SR203 GMDSS Survival Radio

#### VHF Survival Radio meets all IMO requirements





The digital display and control buttons are backlit making operation in low light environments simple. Once activated, the SR203 is automatically tuned to Channel 16 and has a single push Channel 16 call

button to quickly return to the emergency channel. The SR203 boasts exceptional battery life of over 16 hours 20°C thanks to its highly efficient transmitter designed to maximize battery life.

The innovative battery protection tab means the primary battery can be permanently attached to the radio without fear of losing its charge. The radio will always be available for use in times of emergency without the need to remove protective labels.



Simply break off the red protective tab and the radio will be immediately ready to turn on to channel 16. For everyday use, ACR offers a lithium polymer rechargeable battery option. The quick release rapid charger provides the ideal solution for keeping the batteries fully charged.

### **SPECIFICATIONS**



Transmitter

Output Power (High) Output Power (Low) Modulation

**Emission Designator** 

Pre-Emphasis. Spurious Emissions

2.5Watts 1Watt ±5kHz(max) FM

16K0G3EJN dB/octave (300Hz to 3kHz) <0.25µWatt

Receiver

Sensitivity (20dB SINAD) Audio Output Power Adjacent Channel Rejection Intermodulation Rejection Spurious Response Rejection -117dBm 0.4W >70dB >68dB >70dB <2nWatt

General

Color Lanyard Included Wall Mount Included

Spurious Emissions.

High Visibity Yellow (ACR-Treuse)

Yes Number of channels International Frequency Allocation (Simplex only)

Battery Primary Chemistry

Lithium Lithium/ Iron Disulfide (Li/FeS2) >16 hours

5years Lithium Polymer

-30°C to +70°C

1 metre (6 faces)

302 mm

141 mm

68 mm 70 mm

37 mm

1 metre for 30minutes 45°C drop/100 mm for 1 hour

A.694(17); MSC.149(77)

IEC61097-12

Operational Lifetime (10% Tx:10% Rx:80% Squelched)

Replacement interval

Rechargeable

Portable -20°C to +55°C

Environmental

IEC60945 Category Operating Temperature Range Storage Temperature Range Humidity

Waterproof Thermal Shock/Submersion

Drop proof (onto hardwood surface)

Dimensions Height (with Antenna)

Body only Width

Width (including battery tab Depth

Standards and Approvals

Approval Standards (GMDSS) IMO regulations

VHF

European approval USA standards (GMDSS) Marine Equipment Directive A.1/5.17 FCC part 80.1101, CFR47

Replacement Batteries

GMDSS Lithium Battery Product Number 1061 Rechargeable Lithium Battery Product Number 1062 Alkaline Test Battery Product Number 1063

Warranty

1 Year

#### · Efficent transmitter

- · Rugged design
- · Primary Lithium battery exceeds GMDSS requirements
- · Protective battery tab
- Non-hazardous batteries
- 16 hours typical operating life
- · Optional rechargeable battery kit
- · Laser etched control buttons
- · High contrast/backlit digital display and keypad
- 21 Channels



#### A SOLUTION DESIGNED WITH YOU IN MIND

#### **Emergency Use Only Applications**

Order Product Number 2827 Includes: SR203 Survival Radio, Replaceable Lithium Battery, and Wall Mount.

#### Everyday and/or Emergency Use **Applications**

Order Product Number 2828 Includes: SR203 Survival Radio, Replaceable Lithium Battery, Rechargeable Lithium Polymer Battery, Rapid Battery Charger, Power adaptors, and Wall Mount.

#### ATIS Applications

Order Product Number 2829 Includes: SR203A Survival Radio, Replaceable Lithium Battery, Rechargeable Lithium Polymer Battery, Rapid Battery Charger, Power adaptors, and Wall Mount.



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