The JHS-430 is a 2 Watt UHF intrinsically safe transceiver designed for on-board, ship-to-ship or ship-to-shore communications in ship operations, loading/unloading, rescue operations and mooring. The JHS-430’s ergonomic design and intrinsically safe structure are engineered to FM standards for use when transporting flammable, dangerous materials by Tanker, LPG carrier, LPG carrier and/or LO carrier.

FEATURES

◆Intrinsically Safe Structure
Engineered to meet FM standards the JHS-430 is intrinsically safe and is approved for use when transporting, loading or unloading flammable, dangerous materials. The advanced, structurally sound casing and design ensure its safe use in conditions where intrinsically safe communication is necessary.

◆Waterproof Design
The JHS-430’s one piece, sealed casing and waterproof design made to comply with industry specifications (JIS class 7) ensure its use even in rainy or severe splash conditions.

◆Tone Squelch Function (option)
The JHS-430 features 2 tone squelch frequencies that can be pre-set.

◆Easy Operation
The ergonomic design of the unit and placement of the control knob and keys allow single handed operation and a wide screen viewer for channel identification.

◆Low Power Consumption
The Lithium-Ion battery provides minimal power consumption with long lasting operation. The sleep mode function ensures more than 10 hours of use between charging.
SPECIFICATIONS

Frequencies: CH1 457.525MHz
CH2 457.550MHz
CH3 457.575MHz

Emission Type: F3E
Output power: 2W +20%, -50% (Low:0.2W)
Tone squelch: Up to 2 frequencies

Sensitivity: <8dBμ or less (20dB NQS)

Battery: Li-Ion Battery (7.2V DC, 1700mAh)
Service hours: About 10 hours (TX1, RX1, Standby18)

Waterproof: JIS class 7 (1m depth / 30min)

Intrinsically Safe: Class I, II, III, Division 1,
Groups C, D, E, F, G, T3C
Nonincendive: Class I, Division 2,
Groups A, B, C, D, T3C

Temperature: -20˚C to +60˚C (Operate)
Antenna impedance: 50Ω unbalanced

DIMENSIONS

COMPOSITION

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ATTENTION FOR SAFETY

- Read the Instruction Manual before use of this product.
- Do not install this product in any place exposed to water, moisture, vapor dirt and oily smoke. Otherwise it may result in a fire, electric shock or failure.
- Request installation of this product by JRC’s offices or agents. Installation work done by non-specialized technicians may result in an electric shock or failure.

Specifications may be subject to change without notice.

For further information, contact:

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Since 1915
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