Models FS-1570/2570

- Distress, safety and routine communications
- Fully meets GMDSS carriage requirements
- Instant selection of 256 preset channels
- 160-character message on high-legibility LCD display
- Optional NBDP modem and monitor
- Easy channel selection with rotary control or direct keyboard input
- Scanning of DSC frequencies for distress and general calls on MF/HF
- File editing for ready transmission of DSC message
- GPS position automatically included in a distress call

The FS-1570 and 2570 are new MF/HF radiotelephones for general communications and GMDSS applications. Provided in addition to radiotelephony operation are DSC (Digital Selective Call) on general communications and DSC Watch Receiver on all distress and safety frequencies in MF and HF bands.

The FS-1570 and 2570 maintain a continuous watch on a distress call even while you are exchanging normal voice messages. DSC channels can be individually set or all selected channels can be automatically scanned. When a DSC message is received, the radiotelephone gives audible and visual alarms.

The FS-1570 and 2570 work on all authorized transmit frequencies between 1.6 and 27.5 MHz. Receiver frequencies are selectable between 100 kHz and 30 MHz in 10 Hz steps. The transmit and receive frequencies can be selected separately or in pair. The digital frequency synthesizer provides high frequency stability for DSC and NBDP as well as telephony operation.

The compact cabinet allows a flexible and space-saving installation in a communication console. Optional equipment available are a distress alert unit, received call unit, remote control unit, distress message control unit, etc. In addition a telex modem (NBDP) can be accommodated in the transceiver unit for general message transfer and distress message/maritime safety information handling, satisfying the carriage requirement in GMDSS A3-A4 sea areas.
### SPECIFICATIONS OF FS-1570/2570

#### GENERAL
- **Frequency Range:**
  - TX: 1.6 to 27.5 MHz
  - RX: 0.1 to 30 MHz
- **Channels:** 256 channels, preset by competent service depots, from:
  - All ITU RR Appendix 16 (4 - 27.5 MHz)
  - All distress frequencies in telephony, DSC, NBDP
  - All telephony frequencies allocated by national authorities according to ITU RR Article 8 (1.6 - 4 MHz)

#### Rules and Regulations
- ITU-R Rec. 493-10 (Class A), 541-8, 1082-1
- IEC 61097-3/61097-8/61097-9, IEC 61162-1, IEC 60945
- IMO Res. A.804(19) and MSC.68(68) amendment, EN 300 338

#### POWER SUPPLY
- 24 VDC, 20 A (150 W), 35 A (250 W) for TX, 0.8 A (150 W), 1.5 A (250 W) for RX
- 115/230 VAC with external rectifier

#### EQUIPMENT LIST
1. Transceiver Unit
2. Control Unit
3. Telephone Handset
5. Rectifier with changeover facility PR-300 for FS-1570 PR-850A for FS-2570

#### SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

**DIMENSIONS:**
- **Control Unit FS-1570C/FS-2570C**
  - 1.8 kg 4.0 lb
  - 258 10.2"
  - Control Unit IF-8500
- **Transceiver Unit**
  - FS-1570T: 11.0 kg 24.3 lb
  - 340 13.4"
  - Antenna Coupler AT-1560-15 (FS-1570), AT-1560-25 (FS-2570)
  - 1 unit
- **Antenna Coupler**
  - AT-1560-15/25 (FS-2570)
  - 7.0 kg 15.4 lb
  - 390 15.4"
- **Handset**
  - 0.6 kg 1.3 lb
  - 115x230 VAC 24 VDC 24 VDC

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**INTERCONNECTION DIAGRAM**

**SPECIFICATIONS OF FS-2570T**

**POWER SUPPLY**
- 24 VDC, 20 A (150 W), 35 A (250 W) for TX, 0.8 A (150 W), 1.5 A (250 W) for RX
- 115/230 VAC with external rectifier

**EQUIPMENT LIST**
1. Transceiver Unit 1 unit
2. Control Unit 1 unit
3. Telephone Handset 1 unit
4. Antenna Coupler AT-1560-15 (FS-1570), AT-1560-25 (FS-2570) 1 unit
5. Rectifier with changeover facility PR-300 for FS-1570 PR-850A for FS-2570
6. NBDP Monitor and Modem Unit
7. External Loudspeaker
8. Distress Alert Unit IC-302-DSC