High Performance Commercial Grade Specifications

- Compact Design
  W:H:D 2.1” x 4.1” x 1.2” (52.5 x 104.5 x 31 mm)

- Commercial Grade Specifications
  IP54 and MIL-810-C, D and E

- 1 W Powerful and Clear Audio
  BTL Amplifier and 36 mm Speaker

- 5 W Reliable Output Power
  Selectable 5 W/2.5 W/0.5 W

- QRK (Quick Recall Key) for Easy Operation
  Quick Access to Favorite Functions

- Emergency Signaling
  LED Flashlight, Alarm and Quick HOME Channel Access

FT-65
FT-25

(Actual Size)
**FT-65 : VHF/UHF Dual Band 5 W FM Handheld Transceiver**

**FT-25 : VHF 5 W FM Handheld Transceiver**

The FT-65 and FT-25 are compact FM transceivers, ruggedly constructed to meet commercial grade specifications. They are packed with the high performance and valuable features demanded by Radio operators around the world.

### MAIN FEATURES

- Compact Design, Measuring W 2.1” x H 4.1” x D 1.2” (52.5 x 104.5 x 31 mm)
- 5 Watts of Reliable RF Power within a Compact body
- Three Selectable TX Power settings (5W (High)/2.5 W (Middle)/0.5 W (Low))
- One Watt Powerful Audio Output and Clear Audio from the 38 mm Front Speaker
- Rugged Construction: Meets IP54 Rating (Dust/Water protection), MIL-810-C, D and E
- QRK (Quick Recall Key): Four User Programmable Keys for Quick Access to favorite functions
- Over 9 hours Operating time with Supplied 1,950 mAh Li-Ion Battery pack*1
- Optional High-capacity 2,500 mAh Li-Ion Battery Pack (SBR-26L) provides over 11.5 hours of Extended Operating Time*1
- 3.5-Hour Rapid Charger (SBH-22) Included (Using SBR-25LI)
- Large White LED flashlight, Alarm and Quick Home Channel Access for Emergency Signaling
- Versatile Scanning Capabilities: (Programmed VFO Scan, Memory Scan, Priority Channel Scan, Weather Alert Scan)
- WX Channels with “Severe Weather” Alert (US Version)
- VOX Operation with Optional VOX Earpiece Microphone (SSM-512B)
- PC Programmable with Optional Programming Cable (SCU-35)
- Transceiver-to-Transceiver Cloning with Optional Cloning Cable (SCU-36)
- FM Broadcast Receiver Equipped
- ARTS (Automatic Range Transponder System)
- DTMF Operation
- CTCSS / DCS Operation
- Busy Channel Lock Out (BCL0)
- Battery Saver function
- Automatic Power Off (APO) Feature
- Transmitter Time Out Timer (TOT)

*1 1X6 sec.; RX/66 sec.; S/Standby 48 sec. Duty Cycle

### SPECIFICATIONS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>FT-65</th>
<th>FT-25</th>
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<tr>
<td><strong>GENERAL</strong></td>
<td></td>
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<tr>
<td>Frequency Ranges</td>
<td>RX: 136 - 174 MHz</td>
<td>RX: 136 - 174 MHz</td>
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<tr>
<td></td>
<td>400 - 480 MHz</td>
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</tr>
<tr>
<td></td>
<td>TX: 144 - 148 (146) MHz</td>
<td>TX: 144 - 148 (146) MHz</td>
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<tr>
<td></td>
<td>136 - 174 MHz (Asia)</td>
<td>136 - 174 MHz (Asia)</td>
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<tr>
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</tr>
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<td>85-108 MHz</td>
<td>FM Broadcast 85-108 MHz</td>
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<td>5/6/25/10/12.5/15/20/25/50/100 kHz</td>
<td>FM Broadcast 85-108 MHz</td>
</tr>
<tr>
<td>Frequency Stability</td>
<td>± 5 ppm</td>
<td>± 5 ppm</td>
</tr>
<tr>
<td></td>
<td>+14 °C to +140 °F</td>
<td>+14 °C to +140 °F</td>
</tr>
<tr>
<td></td>
<td>−10 °C to +60 °C</td>
<td>−10 °C to +60 °C</td>
</tr>
<tr>
<td>Emission Type</td>
<td>F20, F3E</td>
<td>—</td>
</tr>
<tr>
<td>Antenna Impedance</td>
<td>50 Ohms</td>
<td>50 Ohms</td>
</tr>
<tr>
<td>Supply Voltage</td>
<td>Nominal 7.4 V DC, Negative Ground</td>
<td>—</td>
</tr>
<tr>
<td>Current Consumption</td>
<td>205 mA (Receive)</td>
<td>—</td>
</tr>
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<td></td>
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</tr>
<tr>
<td></td>
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<td>—</td>
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<tr>
<td></td>
<td>18 mA (Standby, Saver On)</td>
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<td></td>
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</tr>
<tr>
<td></td>
<td>1.5 A (5 W Tx, 144 MHz)</td>
<td>1.5 A (5 W Tx, 144 MHz)</td>
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<td></td>
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<td>1.2 A (5 W Tx, 430 MHz)</td>
</tr>
<tr>
<td></td>
<td>7.4 V DC</td>
<td>—</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>−4 °F to +140 °F (−20 °C to +60 °C)</td>
<td>—</td>
</tr>
<tr>
<td>Spurious Emission</td>
<td>At least 50 dB down (High and Middle power)</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>At least 60 dB down (Low power)</td>
<td>—</td>
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<tr>
<td>Microphone Impedance</td>
<td>2 k Ohms</td>
<td>2 k Ohms</td>
</tr>
</tbody>
</table>

### SUPPLIED ACCESSORIES

- Li-Ion battery (7.4 V, 1,950 mAh) SBR-25LI
- Rapid Charger SBH-22
- AC Adapter SAD-20B/C/U
- Belt Clip SBH-18
- Antenna

### OPTIONS

- SBR-25LI *3: 7.4 V, 1,950 mAh Li-Ion Battery
- SBR-26L: 7.4 V, 2,500 mAh Li-Ion Battery
- SBH-22 *3: Rapid Charger
- SAD-20B/C/U *2*3: AC Adapter
- SCU-35: Programming cable
- SCU-36: Cloning Cable
- SSM-512B: VOX Earpiece Microphone

*2 B: for 120 VAC, C: for 220-240 VAC, U: for 220-240 VAC w/BF plug  *3 The same as the supplied accessory

**About this brochure:** We have made this brochure as comprehensive and factual as possible. We reserve the right, however, to make changes at any time in equipment, optional accessories, specifications, model numbers, and availability. Precise frequency range may be different in some countries. Some accessories shown herein may not be available in some countries. Some information may have been updated since the time of printing; please check with your Authorized Yaesu Dealer for complete details.

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