

YAESU
The radio

VHF / UHF 5W Dual Band
FM Handheld Transceiver

FT-65

《FT-65R: US and Asia FT-65E: Europe》

VHF 5W Single Band
FM Handheld Transceiver

FT-25

《FT-25R: US and Asia FT-25E: Europe》

High Performance Commercial Grade Specifications



FT-25

FT-65

《Actual Size》

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

ORK (Quick Recall Key) for Easy Operation

Quick Access to Favorite Functions

Emergency Signaling

LED Flashlight, Alarm and Quick HOME Channel Access

FT-65 : VHF/UHF Dual Band 5 W FM Handheld Transceiver

FT-25 : VHF 5 W FM Handheld Transceiver

Ⓜ FT-65R: US and Asia FT-65E: Europe
Ⓜ FT-25R: US and Asia FT-25E: Europe

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 (5 W (High)/2.5 W (Middle)/0.5 W (Low))
- One Watt Powerful Audio Output and Clear Audio from the 36 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-26LI) 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 (Tx) 6 sec. : (Rx)6sec. : (Standby) 48 sec Duty Cycle



SPECIFICATIONS

MODEL	FT-65	FT-25
GENERAL		
Frequency Ranges	RX 136 - 174 MHz 400 - 480 MHz TX 144 - 148 (146) MHz 136 - 174 MHz (Asia) 430 - 450 (440) MHz 400 - 480 MHz (Asia) FM Broadcast 65-108 MHz	RX 136 - 174 MHz — TX 144 - 148 (146) MHz 136 - 174 MHz (Asia) — — FM Broadcast 65-108 MHz
Channel Steps	5/6.25/10/12.5/15/20/25/50/100 kHz	
Frequency Stability	±5 ppm +14 °F to +140 °F (−10 °C to +60 °C)	
Emission Type	F2D, F3E	
Antenna Impedance	50 Ohms	
Supply Voltage	Nominal: 7.4 V DC, Negative Ground	
Current Consumption	205 mA (Receive) 200 mW Output 100 mA (Standby, Saver Off) 18 mA (Standby, Saver On) 4 mA (Auto Power Off) 1.5 A (5 W Tx, 144 MHz) 7.4 V DC 1.7 A (5 W Tx, 430 MHz) 7.4 V DC * FT-65 only	
Operating Temperature	−4 °F to +14 °F (−20 °C to +60 °C)	
Case Size	2.1" (W) x 4.1" (H) x 1.2" (D) (52.5 x 104.5 x 31 mm) (w/o Knob and Antenna)	
Weight	9.17 Oz (260 g) with SBR-25LI and Antenna	
TRANSMITTER		
RF Power Output	5 W (High) / 2.5 W (Middle) / 0.5 W (Low) @ 7.4 V	
Modulation Type	Variable Reactance	
Maximum Deviation	±5.0 kHz	
Spurious Emission	At least 60 dB down (@ High and Middle power) At least 40 dB down (@ Low power)	
Microphone Impedance	2 k Ohms	
RECEIVER		
Circuit Type	Direct-Conversion	
Sensitivity	0.2 μV for 12 dB SINAD (140 - 150 MHz, NFM) 0.2 μV for 12 dB SINAD (420 - 470 MHz, NFM) * FT-65 only	
Selectivity	12 kHz / 35 kHz (−6 dB / −60 dB)	
AF Output	MAX Power 1 W @ 16 Ohms, 0.8 W @ 16 Ohms for 10 % THD	

SUPPLIED ACCESSORIES

- Li-Ion battery (7.4 V 1,950 mAh) SBR-25LI
- Rapid Charger SBH-22
- AC Adapter SAD-20B/C/U *2
- Belt Clip SHB-18
- Antenna

OPTIONS

 SBR-25LI *3 7.4 V, 1,950 mAh Li-Ion Battery	 SBR-26LI 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
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*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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The radio

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