

FM VHF Mobile Transceiver

**FTM-3100R**  
**FTM-3100E**

65 Watts

**YAESU**

The radio



### 65 Watts Stable High Power Output with FACC

The ruggedly built yet compact new 2-meter Mobile Transceiver offers the Yaesu legendary mechanical toughness and 65 Watts of stable high output power. The FACC: Funnel Air-Convection Conductor (Wind Tunnel) gathers cool air through the wide open front air intake and directs it to the final amplifier area and out the rear cooling fan. This efficient cooling system ensures stable output power for continuous long-distance communications.



FACC: Funnel Air-Convection Conductor (Wind Tunnel)

### Loud Audio with 3W Front Speaker

The front facing speaker provides 3 watts of loud audio. The FTM-3100R/E, speaker audio has been tuned for even better sound quality. An optional MLS-100 external speaker supports noisy field operation.



3 Watt (35 x 58mm) Front Speaker

### User-Programmable Microphone Keys

Four Programmable keys on the microphone allow one-touch access to your favorite command functions. The commands available from the microphone replicate the corresponding front panel functions.

Available Key functions:

- Recall HOME channel
- Scan operation
- Set the TX Power
- Activate the GM (Group Monitor)\*
- Open the Squelch

### 220 Memory channels with 8 alpha-numeric characters

The FTM-3100R / E make available a wide variety of memory resources, including 199 "Basic" memories, one "Home" channel for favorite frequencies and 10 sets of band-edge memories. The channel TAGs are programmable with 8 alpha-numeric characters for easy recognition.

### Features

- EPCS (Enhanced Paging & Code Squelch) Operation
- Microphone Gain Setting
- Adjustable TX Deviation Level
- DC Voltage indication feature
- Displaying the Temperature
- Setting the Display illumination level
- Automatic Power-Off (APO)
- Time-Out Timer (TOT)
- Busy Channel Lock-Out (BCLO)
- Weather Broadcast Reception (US version only)
- Severe Weather Alert Feature (US version only)
- Band Edge Beeper
- CTCSS/DCS Bell Operation
- DCS Code Inversion
- Lock Feature
- Cloning

#### General

Frequency Range:  
 Band TX: 144 - 146 MHz or 144 - 148 MHz \*  
 RX: 136 - 174 MHz  
 Channel Steps: 5, 6.25, 10, 12.5, 15, 20, 25, 50, 100 kHz  
 Frequency Stability: ±2.5 ppm -4°F to +140°F (-20°C to +60°C)  
 Emission Type: F3E  
 Supply Voltage: Nominal 13.8VDC, Negative Ground  
 Operating 11.7 - 15.8VDC, Negative Ground  
 Current Consumption: 0.5A (Receive)  
 15A (65W TX)  
 Operating temperature: -4°F to +140°F (-20°C to +60°C)  
 Case Size (W x H x D): 6.1" x 1.7" x 6.1" (154 x 43 x 155mm) w/o Knob  
 Weight (Approx): 2.86 lbs (1.3kg)

#### Transmitter

RF Power Output: 65W / 30W / 5W or 25W / 25 W / 5 W \*  
 Modulation Type: F3E: Variable Reactance Modulation  
 Spurious Emission: At least 60dB down  
**Receiver**  
 Circuit Type: Double-Conversion Super-heterodyne  
 Intermediate Frequencies: 1st: 47.25 MHz 2nd: 450 kHz  
 Sensitivity: 0.2µV for 12dB SINAD (Amateur Band, FM Narrow)  
 0.22µV for 12dB SINAD (Amateur Band, FM Wide)  
 Selectivity: 12 kHz / 28 kHz (-6dB / -60dB)  
 AF Output: 3W (8Ω, THD10%, 13.8V)

■ 以上規格可能會在未經通知的情況下有所調整，頻率範圍和功能將根據對講機版本變化，具體參數可諮詢當地授權經銷商

Supplied Accessories: DTMF Microphone MH-48A6JA, USB Cable, Mounting Bracket and DC Power Cable



\*2 US and Asian versions only \*3 US version only



授權經銷商：

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The radio

**GREAT KING**

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GREAT KING ELECTRICITY CO., LTD.  
http://www.greatking.com.tw