

# HEAVY-DUTY 75 W 2 m FM TRANSCEIVER **FT-2900R/E**\*

\*E for European Version

## The King of Mobile

- Massive Heatsink guarantees 75 Watts of Solid RF Power with No Cooling Fan Needed
- Loud 3 Watts of Audio Output for noisy environments
- Large 6 Digit Backlit LCD for excellent visibility
- 200 Memory Channels for serious users

**75 WATTS**



Yaesu's FT-2900R/E, the most ruggedly-built 2-meter amateur transceiver ever, provides 75 Watts of power along with Yaesu's renowned bullet-proof receiver front end. Direct keypad frequency entry, Alpha-Numeric Memory System, the high power output, and unsurpassed ergonomics make the FT-2900R/E an operator's dream come true!

**Main Features**

- Massive Heatsink guarantees 75 Watts of Solid RF Power with No Cooling Fan Needed
- Loud 3 Watts of Audio Output for noisy environments
- Large 6 Digit Backlit LCD for excellent visibility
- 200 Memory Channels for serious users
- Alpha-numeric Channel Display
- CTCSS and DCS Encode/Decode Built In
- Versatile Scanning Capability
- WX Channels with "Severe Weather" Alert (US Version)
- Smart Search™
- WiRES™ Internet Linking Access Feature
- MH-48A6J DTMF Direct Access Microphone
- Excellent Receiver Performance
- Wide/Narrow Deviation Selection
- RF-Level Squelch
- Interactive Programming Menu
- Supply Voltage Display
- Transmit Time-Out Timer (TOT)
- Automatic Power-Off (APO)
- Automatic Repeater Shift (ARS)
- 4-level Display Dimmer
- Dual Watch

**SPECIFICATIONS**

General	
Frequency Ranges	TX: 144 - 146 or 144 - 148 MHz RX: 144 - 148 or 136 - 174 MHz
Channel Step	5/10/12.5/15/20/25/50/100 kHz
Standard Repeater Shift	±600 kHz
Frequency Stability	Better than ±10 ppm -4° F to 140° F (-20° C to +60° C)
Modes of Emission	F2D, F3E
Antenna Impedance	50 Ohms, unbalanced
Supply Voltage	13.8 V DC ±15 %, negative ground
Current Consumption	RX: less than 0.7 A, less than 0.3 A (squelched) TX: 15 A(75 W)/ 9 A(30 W)/ 5 A(10 W)/ 4 A(5 W)
Operating Temperature Range	-4° F to +140° F (-20° C to +60° C)
Case Size(WxHxD)	6.3" x 2.0" x 7.3" (160 x 50 x 185 mm) (w/o knobs)
Weight	4.2 lb (1.9 kg)
Transmitter	
Output Power	75 W / 25W / 10W / 5W
Modulation Type	Variable Reactance
Maximum Deviation	±5 kHz / ±2.5 kHz
Spurious Radiation	Better than -60 dB
Microphone Impedance	2 kOhms
Receiver	
Circuit Type	Double Conversion Superheterodyne
IFs	21.7 MHz & 450 kHz
Sensitivity (for 12 dB SINAD)	Better than 0.4 µV
Selectivity(-6/-60 dB)	12 kHz / 28 kHz
IF Rejection	Better than 70 dB
Image Rejection	Better than 70 dB
Maximum AF Output	3 W into 4 Ohms @ 10 % THD

Specifications subject to change without notice or obligation. Specifications guaranteed only within Amateur band.

**ACCESSORIES & OPTIONS**

 <p><b>FP-1030A</b> External Power Supply (25A)</p>	 <p><b>FP-1023A</b> (U.S.A. only) AC Power Supply (25 A)</p>	 <p><b>MLS-100</b> External Speaker (12 W Peak Power)</p>
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**Supplied Accessories**

- MH-48A6J** DTMF Microphone
- MMB-83** Mobile Mounting Bracket
- DC cable**

Technical specs subject to change without notice. The FT-2900R has not been approved by the FCC. This device may not be sold or leased, or offered for sale or lease, until FCC approval has been obtained.

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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