

HEAVY-DUTY VHF FM TRANSCEIVER FT-2800M



ACTUAL SIZE

 **YAESU**
Choice of the World's top DXers™

General
 Frequency Ranges: TX: 144 - 146 or 144 - 148 MHz
 RX: 144 - 146 or 137 - 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: F2, F3
 Antenna Impedance: 50 Ohms, unbalanced
 Supply Voltage: 13.8 V DC $\pm 15\%$, negative ground
 Current Consumption: RX: less than 0.7 A,
 less than 0.3 A (squelched)
 TX: 10 A(65W)/ 7A(25W)/ 5A(10W)/4A(5W)

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: 4.0 lb (1.8 kg)

Transmitter

Output Power : 65 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 0.2 μ V
 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

Supplied accessories : Microphone MH-48AII, Base Station Feet
 Mobile Mounting Bracket MMB-83, DC cable
 Specifications subject to change without notice or obligation.
 Specifications guaranteed only within Amateur band.

CONTROLS AND SWITCHES



OPTIONS



MLS-100
High-Power External Speaker



FP-1023 (U.S.A. only)
AC Power Supply (23 A)
FP-1025A (U.S.A. only)
AC Power Supply (25 A)



FP-1030A
AC Power Supply (30 A)

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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