

# PORTABLE/BASE STATION FT-2800M



ACTUAL SIZE

**YAESU**  
Choice of the World's top DX'ers<sup>SM</sup>

## SPECIFICATIONS

### General

Frequency Ranges: TX: 144 - 146 or 144 - 148 MHz  
 RX: 144 - 146 or 137 - 174 MHz  
 5/10/12.5/15/20/25/50/100 kHz  
 Channel Step:  
 Standard Repeater Shift:  $\pm 600$  kHz  
 Frequency Stability: Better than  $\pm 10$  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:  $\pm 5$  kHz /  $\pm 2.5$  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  $\mu$ 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-48A6J, 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



## COMPONENT PARTS (SET)



**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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