HF/50 MHz Transceiver

**FT-2000**

- IF DSP with WIDTH/SHIFT and Contour Tuning
- First IF Roofing Filters
- Dual In-band Receive
- Ultra-strong Receiver Front End with optional High-Q μ -Tune Preselector
- 100 W and 200 W Versions Available
Both 100-Watt (internal power supply) and 200-Watt (external power supply) versions available.

The 100-Watt version may be operated either from AC mains power or from 13.8 V DC.

Both HF/50 MHz Transceiver
FT-2000
200 W Version with External Power Supply
100 W Version with Internal Power Supply

Excellence
The New Milestone

■ Receiver Front End includes VRF (Variable RF Filter), working in conjunction with a carefully engineered bank of field bandpass filters, provides an adjustable first line of defense against strong out-of-band signals. The result is improved Dynamic Range and higher intercept Point than on other designs with more elementary RF filtering.

■ External High-Q Tuning for the 1.8 - 14 MHz bands (optional = Four Units for 160 M, 80/40 M, and/or 20/10 M required). The YAESU new Q-Tuning System, introduced on the FT-98000, yields ultra-tight RF preselection, thanks to the high Q (300 or more) afforded by the large 1.1 inch (28 mm) diameter coils used in filter construction. As the ferrite tuning slug is passed through the coil structure, the center frequency is adjusted, and the 0 dB bandwidth is approximately 12 kHz on 1.8 MHz.

Photo: 300 W Version with External Power Supply.
Specifications (FT-2000 100 W Version)

**General**

- **Frequency Range:** 30 kHz - 60 MHz (Operating)
- **TX Frequency Stability:** ±1 ppm (after 1 week)
- **Antenna Impedance:** 50 Ohms, unmatched
- **Power Consumption:** 70 VA
- **Dimensions (w/d/h):** 16 x 5.5 x 14" (41 x 135 x 350 mm)
- **Weight (approx.)** 33 lbs. (15 kg)

**Receiver**

- **Circuit Type:** VFO-A: Topo-amplified super heterodyne
  - **Intermediate Frequency:** 455 KHz
  - **Selectivity (6 dB down):** (on 455 KHz) 3 KHz
- **Maximum Audio Output:** 5 watts
- **Input Sensitivity:** 0.12 dB (S/N = 10 dB)
- **Image Repression:** 95 dB

**Transmitter**

- **RF Output:** 5 - 100 watts (2 - 25 watts WATTmeter)
- **Modulation Types:** DE (SSB), Am, FM, WFM, SSB, 3KHz, FM, F10 (RTTY), F10 (PACKET), F10 (AM), F10 (AM), F10 (AM), F10 (PACKET), F10 (PACKET)
- **Audio Power: Maximum:** 10 watts WATTmeter
- **Power Output:** 10 - 20 watts WATTmeter
- **Power Consumption:** 70 VA
- **Dimensions (w/d/h):** 18 x 9.8 x 14" (45 x 115 x 350 mm)
- **Weight (approx.)** 33 lbs. (15 kg)

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