

# NEW COMPACT HF TRANSCEIVER WITH IF DSP

A superb, compact HF/50 MHz radio with state-of-the-art IF DSP technology configured to provide YAESU World-Class Performance in an easy to operate package. New licensees, casual operators, DX chasers, contesters, portable/field enthusiasts, and emergency service providers - **YAESU FT-450... This Radio is for YOU!**



HF/50 MHz 100 W All Mode Transceiver

**FT-450** Automatic Antenna Tuner ATU-450 optional  
**■ FT-450AT** With Built-in ATU-450 Automatic Antenna Tuner

Compact size : 9" X 3.3" x 8.5" and Light weight : 7.9 lb

- Large informative Front Panel Display, convenient Control knobs and Switches
- The IF DSP guarantees quiet and enjoyable highperformance HF/50 MHz operation



Handy Front Panel Control of Important Features including:

- **CONTOUR Control Operation**  
The Contour filtering system provides a gentle shaping of the filter passband.
- **Manual NOTCH**  
Highly-effective system that can remove an interfering beat tone/signal.
- **Digital Noise Reduction (DNR)**  
Dramatically reduces random noise found on the HF and 50 MHz bands.
- **IF WIDTH**  
The DSP IF WIDTH tuning system provides selectable IF passband width to fight QRM.  
SSB - 1.8/2.4/3.0 kHz, CW - 0.5/1.8/2.4 kHz
- **Digital Microphone Equalizer**  
Custom set your rig to match your voice characteristics for maximum power and punch on the band.
- **Fast IF SHIFT Control**  
Vary the IF SHIFT higher or lower for effective interference reduction / elimination.

- The rugged FT-450 aluminum die-cast chassis, with its quiet, thermostatically controlled cooling fan provides a solid foundation for the power amplifier during long hours of field or home contesting use.



MOS FET RD100HHF1



The rugged aluminum die-cast chassis with cooling fan

## More features to support your HF operation

- 10 kHz Roofing filter
- 20 dB ATT / IPO
- Built-in TCXO for incredible  $\pm 1$  ppm/hour (@+77 °F, after warmup) stability
- CAT System (D-sub 9 pin): Computer programming and Cloning capability
- Large, Easy-to-See digital S meter with peak hold function
- Speech Processor
- QUICK SPLIT to automatically Offset transmit frequency (+5 kHz default)
- TXW to monitor the transmit frequency when split frequency operation is engaged
- Clarifier
- Built-In Electronic Keyer
- CW Beacon (Up to 118 characters using the CW message keyer's 3 memory banks)
- CW Pitch Adjustment (between 400 to 800 Hz, in 100 Hz steps)
- CW Spotting (Zero-Beating)
- CW Training Feature
- CW Keying using the Up/Down keys on the optional microphone
- Two Voice Memories (SSB/AM/FM),

Specifications subject to change without notice. Some accessories and/or options may be standard in some areas. Frequency coverage may differ in some countries. Check with your local Yaesu dealer for specific details.

- Operate anywhere using optional internal or external antenna tuning systems



**Internal Automatic Antenna Tuner ATU-450**  
Covering 160 m to 6 m Amateur Bands Dipole or Yagi antennas  
(The ATU-450 Antenna Tuner is included in the FT-450AT)



**External Automatic Antenna Tuner FC-40**  
Covering 160 m to 6 m Amateur Bands (with 65+ ft end fed wire)



**Active Tuning Antenna System ATAS-120A**  
Covering 40 m to 6 m Amateur Bands (For mobile)

- store up to 10 seconds each
- 20 seconds Digital Voice Recorder
- Dedicated Data Jack for FSK-RTTY operation
- Versatile Memory System, up to 500 memory channels that may be separated into as many as 13 Memory Groups
- CTCSS Operation (FM)
- My Band / My Mode functions, to recall your favorite operating set-ups
- Lock Function
- Adjustable Main Tuning Dial Torque
- C.S. Switch to recall a favorite Menu Selection directly
- Hand Microphone included
- IMPORTANT FEATURE FOR THE VISUAL IMPAIRED OPERATORS - Digital Voice Announcement of the Frequency, Mode or S-meter reading

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

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