

**The radio YAESU...**

## The New Premium HF/50 MHz Transceiver FT DX 5000 Series



### FT DX 5000MP

±0.05ppm OCXO, 300 Hz Roofing Filter, Station Monitor SM-5000 included

### FT DX 5000D

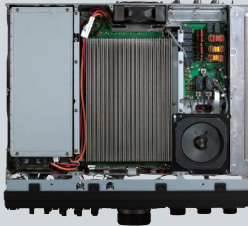
±0.5ppm TCXO, Station Monitor SM-5000 included (300 Hz Roofing Filter optional)



### FT DX 5000

±0.5ppm TCXO (Station Monitor SM-5000, 300 Hz Roofing Filter optional)

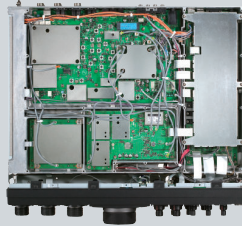
Top View



Side View



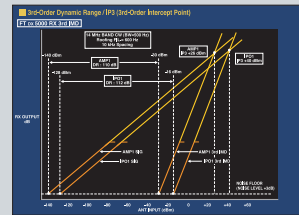
Bottom View



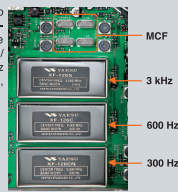
Rear Panel



- Superb and improved 3rd-Order Dynamic Range and IP3 (3rd-Order Intercept Point).  
SSB (2.4kHz BW) 10 kHz SEP: +106 dB, IP3 +40 dBm  
CW (500Hz BW) 10 kHz SEP: +112 dB, IP3 +40 dBm  
2 kHz SEP: +105 dB, IP3 +36 dBm  
1 kHz SEP: +99 dB, IP3 +25 dBm  
\*VFO-A/Main Receiver @ 14 MHz, IPO1



- Newly designed sharp "Roofing" filters for VFO-A/Main Receiver, selectable between 300 Hz, (optional) included in MP, 600 Hz, 3 kHz (6-pole crystal filter), 6 kHz, 15 kHz (4-pole MCF).



- The legendary high performance Yaesu Custom-designed 32-bit Floating Point DSP based on the TI TMS320C6727B (@ 300 MHz), one each for VFO-A and VFO-B.



- The robust and high-power Final Amplifier Stage incorporating two super reliable FET, VRF-150 (Drain-Source Voltage 170 V/Gate Source Voltage ± 40 V, Total Device Dissipation 300 W) in a push-pull configuration, offers solid 200 W output (75 W – Class A operation).



- Three EL (Electro Luminescence) clear displays included for easier operation of the Sub-frequency, graphical wave and menu function.



- The same huge size metering system as the FT dx 9000 series with true analog precision and instant reaction time.



- IF Output (9 MHz) from VFO-A/Main Receiver.
- Variable CW Audio Peak Filter, and High/Low-Cut filtering created through the very latest in DSP technology  
CW Width: 50/100/150/200/250/300/350/400/450/500 Hz  
CW Pitch Frequency: 300~1050 Hz (10 Hz Steps).
- The clear and practical Level Indication System: (Can be controlled ON/OFF independently) MIC-GAIN/RF-PWR/CW-PITCH/KEYER-SPEED/PROC-LEVEL/VOX-DELAY-TIME/BK-IN-DELAY-TIME.
- Add the Optional Data Management Unit DMU-2000, and you can also utilize the powerful Audio Scope, Oscilloscope, Spectrum Scope, logging, and Rotator Control capabilities, using your own computer monitor, (not supplied).



- Optional External, Fully-automatic, Three  $\mu$ -Tuning Units A (160 m Band), B (80/40 m Band) and C (30/20 m Band)



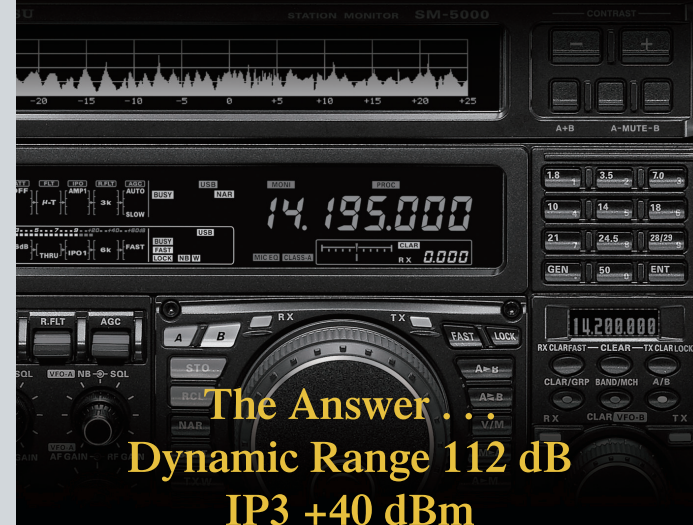
- Comes with the SM-5000 matching station monitor, including a complete, enhanced stereo speaker system with superb audio quality. (Optional for FT dx 5000).



The FT dx 5000 Series 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. Technical specifications are subject to change without notice.

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

## FT DX 5000MP



**The Answer...  
Dynamic Range 112 dB  
IP3 +40 dBm**

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For the latest Yaesu news, visit us on the Internet: <http://www.vertexstandard.com>

# Top Performance Excellence FT DX 5000MP



Actual Size

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

**FT DX 5000** Case Size (WxHxD) : 18.5" x 5.4" x 15.5" (462 x 135 x 389 mm) (w/o knob)  
Weight : 46.2 lbs (21 kg)  
**SM-5000** Case Size (WxHxD) : 18.5" x 1.8" x 7.2" (462 x 45 x 181 mm)  
Weight : 6.6 lbs (3 kg)