

YAESU FT-DX10

HF/50 MHZ SDR TRANSCEIVER - OUTPUT 100 W

THE LITTLE BROTHER OF FT-DX101.



The new Yaesu FT-DX10 already No. 3! on the Sherwood list ([Download Sherwood Receiver Test Data](#))

Like the FT-DX101 series, the new Yaesu FT-DX10 utilizes the Yaesu Hybrid SDR configuration - Narrow Band SDR and Direct Sampling SDR. The Narrow band SDR receiver emphasizes excellent receiver performance, while the Direct Sampling SDR provides a Digital Processing Real-Time Spectrum Scope.

Like the FT-DX101 series, the Down Conversion type receiver configuration with the first IF at 9MHz has been adopted. It makes it possible to incorporate excellent narrow bandwidth crystal roofing filters that have the desired sharp "cliff edge" shape factor. Thanks to the Narrow Band SDR with the latest circuit configuration including 500Hz, 3kHz and 12kHz roofing filters and low-noise oscillator, the RMDR (Reciprocal Mixing Dynamic Range) reaches 116dB or more, the close-in BDR (Blocking Dynamic Range) reaches 141dB or more, and 3rdIMDR (third-order Intermodulation Dynamic Range) reaches 109dB or more, in the 14MHz band at 2kHz separation.

RDDS (High Resolution Direct Digital Synthesizer) affords Quiet and Clear Reception

The local circuit of the new FT-DX10 uses 250MHz HRDDS method same as the FTDX101 series. Thanks to its characteristics that improve the C/N (carrier to noise) ratio and the careful selection of components in the design, the phase noise characteristic of the local signal achieves an excellent value of -145dB or less in 14MHz at 2kHz separation.

Frequency Ranges : RX 30 kHz - 75 MHz ; TX 1.8 - 54 MHz (70 MHz after mod.) Ham Bands only

Modulation Type : AM, FM, LSB, USB, CW, RTTY, PSK

RF Power Output : 5-100 Watt (AM 5-25 Watt)

Dimensions : W266 x H91 x D263 mm

Weight : 5.9 kg

A few of the extraordinary features are listed below:

15 separate band pass filters

9 MHz IF Roofing Filter Producing Excellent Shape Factor (12 kHz, 3 kHz and 600 Hz)

Effective QRM rejection with the IF DSP (IF SHIFT/WIDTH, IF NOTCH DNF, DNR, COUNTOUT)

High-quality and super stable final amplifier utilizing the new push-pull MOSFET RD70HUP2

Aluminum Heat Sink with 80mm low-noise axial flow cooling fan

High Speed Automatic Antenna Tuner with a large capacity 100-channel memory

RF & AF Transmit Monitor

Microphone Amplifier with Three-stage parametric Equalizer (SSB/ AM mode)

Article id: **YAESU FT-DX10**

Price: **€ 1695,00**

ex VAT € 1400,83

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QMB (Quick Memory Bank)
Band Stack Function
Large Touch-Panel 5-inch Full-Color TFT Display
3DSS (Three Dimension Spectrum Stream) Waterfall Display
SD Card Slot
Optional speaker – SP-30 designed for the new FT-DX10 (not yet available)
Optional roofing filter (300Hz) – XF-130CN available

Remote Operation with optional LAN unit (SCU-LAN10)

Remote operation of the transceiver is possible with the optional SCU-LAN10 and SCU-LAN10 Network Remote Control Software. In addition to controlling the transceiver basic operations, the versatile scope displays enable sophisticated operation such as monitoring the band conditions on a large display at a location away from the ham shack by connection to a home LAN network.

Supplied Accessories:

- Microphone SSM-75E
- DC Power Cable w/Fuse
- Spare Fuse
- Jackplug 6.35 Stereo
- Operating Manual English

Using an inverted MX-610 duplexer, separate antenna systems for 6m and HF can be connected to the single SO-239 Antenna socket.

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