

FTDX10

HF/50MHz 100W SDR Transceiver

Radio Features:

- HF/50MHz band 100W Transceiver
- Hybrid SDR configuration utilizing a Narrow Bandwidth SDR, and a Direct Sampling SDR
- Narrow Band SDR enables Phenomenal Multi-signal Receiving characteristics (2kHz RMDR 116dB+, 2kHz BDR 141dB+, 2kHz 3rd IMDR 109dB+)
- Down conversion, 9MHz IF Roofing Filters produce Excellent Shape Factor
- 250 MHz HRDDS (High Resolution Direct Digital Synthesizer) Ultra Low-Noise Local-Oscillator System
- 15 Separate Powerful Band Pass Filters (BPF)
- Effective QRM Rejection with IF DSP (IF SHIFT/WIDTH, IF NOTCH/DNF, CONTOUR, DNR, APF)
- High-quality and Super-Stable Final Amplifier utilizing the new push-pull MOSFET RD70HUP2
- " - 5-inch Full Colour Touch Panel and 3DSS (3-Dimensional Spectrum Stream) Display"
- MPVD (Multi-Purpose VFO Outer Dial) enables Outstanding Operating Performance
- Quick Memory Bank (QMB)
- Supports CW operation with multiple functions such as: CW zero-in, CW Auto zero-in, CW Reverse, CW decode, CW keying Signal form Shaping by FPGA and others
- RTTY (FSK)/ PSK Encode/Decode Function
- Other practical features such as Optional RF Gain Selection by IPO. Automatic Gain Control, Quick Split Function
- SD Card Slot
- Remote Operation via Internet with optional LAN-Unit (SCU-LAN10)



Supplied Accessories:

Microphone SSM-75E

DC Power Cable w/Fuse

Spare Fuse

6.3mm 3-contact Plug

Operating Manual

Specifications:

Frequency Ranges:	RX 30kHz - 75MHz (Operating) 1.8MHz - 29.699999MHz (Specified performance, Amateur bands only)* *5.1675/5.332/5.348/5.3585/5.373/5.405MHz (US only), 5.351500-5.366500MHz (EU only)/ 5.25000-5.406500 (UK only) 50MHz - 53.999999MHz (Specified performance, Amateur bands only) 70MHz - 70.499999MHz (Specified performance, UK Amateur bands version only)
	TX 1.8 – 54MHz (Amateur bands only) 70MHz - 70.499999MHz (UK only)
Modulation Type:	A1A(CW), A3E(AM), J3E (LSB, USB), F3E(FM),F1B(RTTY),G1B(PSK)
Frequency Stability:	±0.5ppm (32°F to +122°F/0°C to +50°C, after 1min)
Supply Voltage:	DC 13.8V ±15%
Circuit Type:	Double-Conversion Superheterodyne
Intermediate Frequencies	1st IF 9.005MHz 2nd IF 24kHz
RF Power Output:	5W - 100W (CW, LSB, USB, FM, RTTY, PKT) 5W -25W (AM)
Case Size (W x H x D):	10.47 x 3.58 x 10.35(inch) / 266 x 91 x 263 (mm) *Protruding parts not included
Weight (Approx.):	13lbs/ 5.9kg



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