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HF Transceivers / Amplifiers



HF & V/UHF All Mode transceivers



FT-710



FTDX10



FTDX101MP



FTDX101D



FT-891



FT-991A

Archived HF Transceivers/Amplifiers

FT-710

Description Accessories Files



SUMMARY

Contact us: (714) 827-7600 (8AM – 5PM PST) SDR HF Technical Support option 8 (New phone menu option)

Sherwood Engineering Incorporated
4th Highest Performing Receiver Receiver Test Data (sherweng.com) [Updated 01 October 2022. Added Yaesu FT-710]

Radio Features:

- HF/50MHz band 100W Compact SDR Transceiver
- SDR circuit configuration emphasizes Receiving Performance which is enabled by the same high-resolution A/D converter and FPGA used in YAESU high-end SDR transceivers.
- Powerful RF Front-End and Low Noise Oscillator System enable Phenomenal Multi-Signal Receiving Characteristics\*
·RMDR:113dB+ ·BDR:127dB+
·3rd IMDR:102dB+ ·TX Phase Noise: -143dBc/Hz
\*Multi-Signal Receiving Characteristic: 14MHz band/2kHz separation \*TX Phase Noise: 100W, CW mode
- Band-Pass-Filters dedicated for the amateur bands to eliminate out-of-band unwanted signals
- Built-in High-speed Automatic antenna tuner with 100 channel memory
- Effective QRM rejection afforded by Dual-core 32-bit high speed floating decimal point DSP
- AESS (Acoustic Enhanced Speaker System) with the supplied SP-40 speaker to create High-fidelity audio output
- High Resolution 4.3-inch TFT Color Touch Panel Display
- 3DSS, real-time 3-Dimensional Spectrum Stream presentation
- VMI (VFO Mode Indicator) shows the current operating mode (VFO-A, VFO-B, Memory Mode and Clarifier/Split operation) at a glance
- "PRESET" Mode functions most suitable for FT8 operation
- Equipped with the External Display terminal (DVI-D)
- Two (2) USB Ports (Type-A and Type-B)
- SD Memory Card Slot
- Support the FC-40 Auto Antenna Tuner
- Remote Operation with Network Remote Control System (Available in the near future)

Supplied Accessories:

- External Speaker SP-40
Microphone SSM-75E
DC Power Cable w/Fuse Spare Fuse
Operating Manual

Specifications:

- Frequency Ranges: RX 30kHz - 75MHz (Operating)
1.8MHz - 29.699999MHz (Specified performance, Amateur bands only)
50MHz - 53.999999MHz (Specified performance, Amateur bands only)
70MHz - 70.499999MHz (Specified performance, UK Amateur bands only)
TX 1.8MHz band - 50MHz band (Amateur bands only)
Modulation Type: A1A(CW), A3E(AM), J3E(LSB,USB), F3E(FM)

**Frequency Stability:**  $\pm 0.5$ ppm (after 1 minute @ +32°F to +122°F / 0°C to +50°C)

**Supply Voltage:** DC 13.8V  $\pm 15\%$

**RF Power Output:** 5W - 100W (5W - 25W : AM Carrier)

**Dimensions** (W x H x D): 9.4" x 3.1" 9.7" (239 x 80 x 247mm)

**Weight** (Approx.): 9.92 lbs (4.5kg)

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