

Introducing the DZKit Sienna XL HF+6 Transceiver!

Color touch displays, voice recognition, great features, excellent performance! And still a kit!



World-class RF performance with ultra low phase noise synthesizer

Outstanding audio on transmit and receive

Acclaimed ergonomics made even better (new dark blue color option shown; also available in black and multi-color)

New, stronger, more serviceable chassis

Digital Voice Recorder (22 seconds total in up to 5 memories)

Voice recognition in 6 languages (English, Italian, Japanese, German, Spanish, French).

Pleasant sounding speech response. Languages supported: Arabic, Chinese, Czech, Danish, Dutch, English (UK), English (US), Finnish, French (F) (B) (C), German, Greek, Japanese, Korean, Italian, Norwegian, Polish, Turkish, Portuguese, Russian, Spanish (NA) (C), Swedish (Female and male voice in one language is standard; each additional language available at extra cost.)

RF stages: Amazing performance from a kit rig! See phase noise plot of main VFO at right.

Input circuitry is capable of withstanding +20dBm (93 dB over S9) at the receive antenna input.

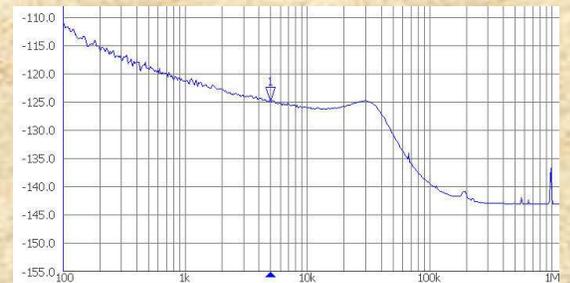
Receiver audio stage includes bhi DSP Noise Cancelling technology: A complete mixed-signal audio system consisting of a dual Harvard core, a patented, high-resolution floating-point coprocessor and an Input/Output Processor which yields 88 dB of dynamic range and exceptionally low system noise. Removes background noise, makes signals stand out! **High performance class AB stereo audio amp** with .02% THD at 4W output on 'phones and speakers simultaneously, with compression to eliminate clipping at high volume. **Extremely low noise audio amps and switching circuits in transmitter and receiver**, for clean reproduction of line-in and mic audio. **3-band Parametric equalizers** on transmitter and receiver. **Balanced mic audio** works great with Heil PR-781 XLR mic.



See antenna status at a glance. Tx path turns red on transmit



Change meter scales by tapping the meter



Elegant back panel provides PC interface, keypad input, paddles and manual key inputs, two IF outputs for panadapters, Rx line-out, Rx and Tx line-in, Rx and Tx band data, 20mW transverter output, ALC input, PTT, linear control, Hi/Lo-Z mic switch, 10 MHz ref in and out, main antenna A/B, ground lug, APP DC input, 100W amp fuse.



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And more!

Cross-band, cross-mode operation. Transmit and receive at the same time. Separate band data outputs for Tx and Rx. Master/Slave operation with secondary Sienna XL receiver. Linear amp control. Transverter-ready. 20mW Tx available without amps for VHF/UHF operation with transverters, 10W and 100W amp options. Antenna tuner option. Dual passband tuning. Notch filter. High performance Inrad roofing filter and 8 optional IF filters at 2nd and 3rd IF. Two 10dB preamps. One 10dB attenuator. Manual and paddle inputs active simultaneously. Remote-controllable—works with DXLab Suite and Ham Radio Deluxe. Serviceable yourself! Detailed Assembly, User's and Service manuals and the famous DZKit Worldwide Support!