

TS-520 Specifications

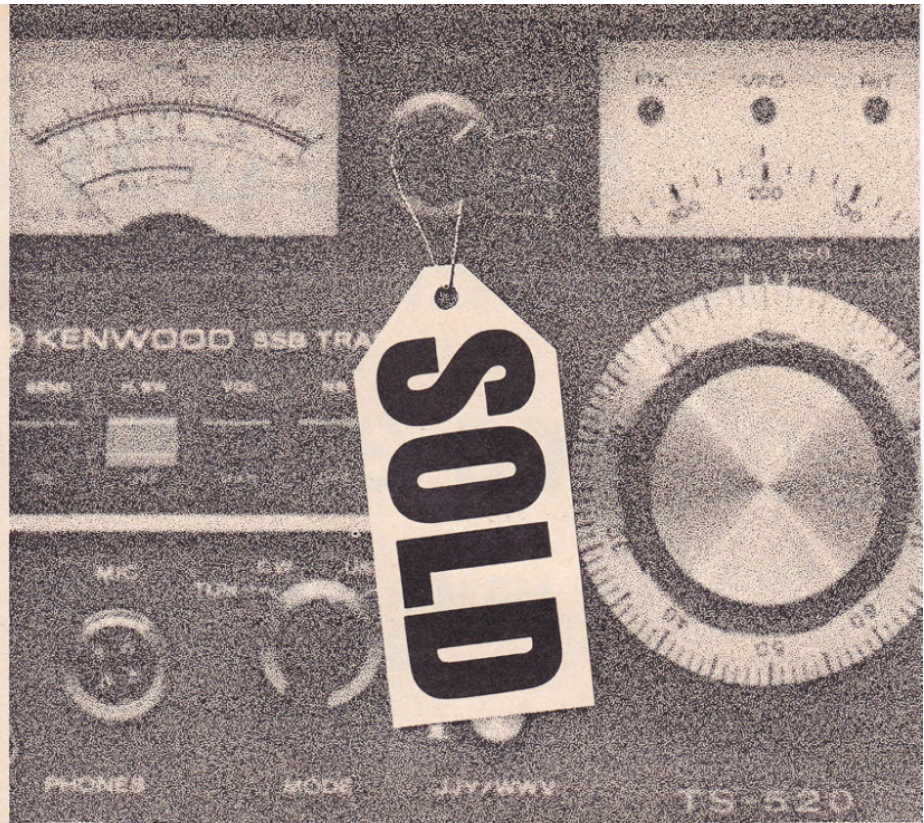
MODES: USB, LSB, CW
 POWER: 200 watts PEP input on SSB, 160 watts DC input on CW
 ANTENNA IMPEDANCE: 50-75 Ohms, unbalanced
 CARRIER SUPPRESSION: Better than -45 dB
 UNWANTED SIDEBAND SUPPRESSION: Better than -40 dB
 HARMONIC RADIATION: Better than -40 dB
 AF RESPONSE: 400 to 2600 Hz (-6 dB)
 AUDIO INPUT SENSITIVITY: 0.25 μ V for 10 dB (S+N)/N
 SELECTIVITY: SSB 2.4 kHz (-6 dB), 4.4 kHz (-60 dB) CW 0.5 kHz (-6 dB), 1.5 kHz (-60 dB) (with accessory filter)
 FREQUENCY STABILITY: 100 Hz per 30 minutes after warmup
 IMAGE RATIO: Better than 50 dB
 IF REJECTION: Better than 50 dB
 TUBE & SEMICONDUCTOR COMPLIMENT: 3 tubes (2 x 6146B, 12BY7A), 1 IC, 18 FET, 44 transistors, 84 diodes
 DIMENSIONS: 13.1" W x 5.9" H x 13.2" D
 WEIGHT: 35.2 lbs.
 SUGGESTED PRICE: \$629.00

VFO-520

Provides high stability with precision gearing. Function switch provides any combination with the TS-520. Both are equipped with VFO indicators showing at a glance which VFO is being used. Connects with a single cable and obtains its power from the TS-520. Suggested price: \$115.00.

SP-520

Although the TS-520 has a built-in speaker, the addition of the SP-520 provides improved tonal quality. A perfect match in both design and performance. Suggested price: \$22.95.



TV-502

TRANSMITTING/RECEIVING FREQUENCY: 144-145.7 MHz, 145.0-146.0 MHz (option)
 INPUT/OUTPUT IF FREQUENCY: 28.0-29.7 MHz
 TYPE OF EMISSION: SSB (A3J), CW (A1)
 RATED OUTPUT: 8W (AC operation)
 ANTENNA INPUT/OUTPUT IMPEDANCE: 50 Ω
 UNWANTED RADIATION: Less than -60 dB
 RECEIVING SENSITIVITY: More than 1 μ V at S/N 10 dB
 IMAGE RATIO: More than 60 dB
 IF REJECTION: More than 60 dB
 FREQUENCY STABILITY: Less than \pm 2.5 kHz during 1-60 min after power switch is ON and within 150 Hz (per 30 min) thereafter.
 POWER CONSUMPTION: AC 220/120V, Transmission 50W max., Reception 12W max. DC 13.8V, Transmission 2A max., Reception 0.4A max.
 POWER REQUIREMENT: AC 220/120V, DC 12-16V (standard voltage 13.8V)
 SEMI-CONDUCTOR: FET 5, Transistor 15, Diode 10
 DIMENSIONS: 6 $\frac{1}{2}$ " W x 6" H x 13 $\frac{1}{4}$ " D
 WEIGHT: 11.5 lbs.
 SUGGESTED PRICE: \$249.00

CW-520
 500 Hz CW Crystal Filter: \$45.00

Prices subject to change without notice
 Available at select Kenwood dealers throughout the U.S.

Kenwood's TS-520 has *sold itself* to thousands of amateurs the world over.

The value of its features and specifications are obvious. But just as important is the kind of quality that Kenwood builds in. Hundreds of testimonials on the air attest to its performance and dependability. You probably have heard of some of the same glowing praise.

The TS-520 operates SSB and CW on 80 through 10 meters and features built-in AC and 12VDC power supply.

VOX, RIT, noise blanker, 2-position ALC, and double split frequency controlled operation are only some of its fine features.

Kenwood offers accessories guaranteed to add to the pleasure of owning the TS-520. The TV-502 transverter puts you on 2-meters the easy way. (It's completely compatible with the TS-520.) Simply plug it in and you're on the air. Two more units designed to match the TS-520 are the VFO-520 external VFO and the model SP-520 external speaker. All with Kenwood quality built in.

TRIO-KENWOOD COMMUNICATIONS INC.