

# Small wonder.



## Processor, N/W switch, IF shift, DFC option

### TS-130S/V

An incredibly compact, full-featured, all solid-state HF SSB/CW transceiver for both mobile and fixed operation. It covers 3.5 to 29.7 MHz (including the three new Amateur bands!) and is loaded with optimum operating features such as digital display, IF shift, speech processor, narrow/wide filter selection (on both SSB and CW), and optional DFC-230 digital frequency controller. The TS-130S runs high power and the TS-130V is a low-power version for QRP.

#### TS-130 SERIES FEATURES:

- **80-10 meters, including three new bands**  
Covers all Amateur bands from 3.5 to 29.7 MHz, including the new 10, 18, and 24-MHz bands. Receives WWV on 10 MHz. VFO covers more than 50 kHz above and below each 500-kHz band.
- **Two power versions...easy operation**  
TS-130S runs 200 W PEP/160 W DC input on 180-15 meters and 160 W PEP/140 W DC on 12 and 10 meters. TS-130V runs 25 W PEP/20 W DC input on all bands. Solid-state, wideband final amplifier eliminates transmitter tuning, and receiver wideband RF amplifiers eliminate preselector peaking.
- **CW narrow/wide selection**  
"N-W" switch allows selection of wide and narrow bandwidths. Wide CW and

SSB bandwidths are the same. Optional YK-88C (500 Hz) or YK-88CN (270 Hz) filter may be installed for narrow CW.

- **Built-in speech processor**  
Increases audio punch and average SSB output power, while suppressing sideband splatter.
- **SSB narrow selection**  
"N-W" switch allows selection of narrow SSB bandwidth to eliminate QRM, when optional YK-88SN (1.8 kHz) filter is installed. (CW filter may still be selected in CW mode.)
- **Sideband mode selected automatically**  
LSB is selected on 40 meters and below, and USB on 30 meters and above. SSB REVERSE position on MODE switch.
- **Built-in digital display**  
Six-digit green fluorescent tube display indicates actual operating frequency to 100 Hz. Also indicates external VFO or fixed-channel frequency, RIT shift, and CW transmit/receive shifts. Backed up by an analog subdial.
- **IF shift**  
Allows IF passband to be moved away from interfering signals and sideband splatter.
- **Built-in RF attenuator**  
For optimum rejection of intermodulation distortion.
- **Single-conversion PLL system**  
Improves stability as well as transmit and receive spurious characteristics.

- **Built-in VOX**  
For convenient SSB operation, as well as semibreak-in CW with sidetone.
- **Effective noise blanker**  
Eliminates pulse-type interference such as ignition noise.
- **Compact and lightweight**  
Measures only 3-3/4 inches high, 9-1/2 inches wide, and 11-9/16 inches deep, and weighs only 12.3 pounds.



#### Optional DFC-230 Digital Frequency Controller

Allows frequency control in 20-Hz steps with UP/DOWN microphone (supplied with DFC 230). Includes four memories (handy for split-frequency operation) and digital display. Covers 100 kHz above and below each 500-kHz band. Very compact.

More information on the TS-130 Series is available from all authorized dealers of Trio-Kenwood Communications, 1111 West Walnut Street, Compton, California 90220.

#### Matching accessories for fixed-station operation:

- PS-30 base station power supply (remotely switchable on and off with TS-130S power switch).
- SP-120 external speaker
- VFO-120 remote VFO
- MC-50 50k $\Omega$ /500 $\Omega$  desk microphone
- Other accessories not shown:
- YK-88C (500 Hz) and YK-88CN (270 Hz) CW filters
- YK-88SN (1.8 kHz) narrow SSB filter
- AT-130 compact antenna tuner (80-10 m, including 3 new bands)
- MB-100 mobile mounting bracket
- MC-30S and MC-35S noise cancelling hand microphones
- PC-1 phone patch
- TL-922A linear amplifier
- HS-5 and HS-4 headphones
- HC-10 world digital clock
- PS-20 base-station power supply for TS-130V
- SP-40 compact mobile speaker
- VFO-230 digital VFO with five memories



**KENWOOD**  
...pacesetter in amateur radio

Specifications and prices are subject to change without notice or obligation.