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Kenwood TS-590SG HF/6m Base Station £1399.96

DESCRIPTION

The Kenwood TS-590SG is Equipped with 500 Hz/ 2.7 kHz Roofing Filter as standard. 1st IF frequency (11.374 MHz) down conversion* is employed when receiving on 15, 20, 40, 80 or 160 meter bands. Included as standard directly after the 1st Mixer and Post Amp that compensates for conversion loss is a BW 500 Hz and 2.7 kHz 6-pole MCF, which determines adjacent receptivity realizing superb dynamic range performance that was not possible using up conversion. Even when an interfering signal approaches the reception frequency, a virtually flat dynamic range is maintained. You can capture a clear signal even in reception conditions where strong

adjacent interfering signals become problematic.

* Down conversion is selected automatically when receiving in CW/ FSK/ SSB modes if the final passband is 2.7 kHz or less.

Advanced AGC control through digital signal processing from the IF stage onward

It would be no exaggeration to say that Kenwood's receive audio, which enjoys a reputation for being non-tiring even in long contests, is determined by IF AGC control based on unique DSP algorithms. This series features all of the IF DSP AGC technology developed with the TS-990S. A remodeling of the AGC circuitry has realized superb AGC performance covering from small to large inputs. Even if interference signals slip between the Roofing Filter and the IF DSP filter that determines the final selection, level optimized AGC control enables operation without the need for awareness of Roofing Filter bandwidth.

Morse code decoder function

Received morse code displayable* by scrolling on 13-segment display unit. Moreover, characters are shown* in a dedicated window on the ARCP-590G (freeware).

* Proper decoding may not be available due to reception conditions, etc.

Programmable functions

The
TX/RX Equalizer DSP now settable per Mode
RIT/XIT/CL keys can also be used as programmable function keys.
Now up to 20 steps adjustment for TX Monitor and CW Side-tone

New Split function enabling quick setting
Enhanced VGS-1 "Voice Guide" functions

In addition to conventional split frequency setting methods, the TS-990's proven split setting
New Quick Split-frequency Operation function like TS-990S
functionality has been included. A long press of the SPLIT key, when making a 2 kHz upsetting,
will enable quick setting by pressing "2" on the keypad. Furthermore, in simplex operation with
New Tri-Colour LCD Display (Amber, Green or Yellow)
Just XIT on, the XIT frequency can be changed with TF-SET. The keypad keys are band-direct
keys. Each band has 3 memories, enabling quick call-up of usually-used frequencies.
Extra (3rd) PF function via push-switch in the MULTI/CH knob

Other features
Deluxe new VFO knob design

Antenna output function (shared with DRV connector)

LED backlight with selectable color tone

FIL A/B configurable independently with VFO A/B (convenient during Split operation)

Front or rear PTT selectable for Data PTT

Switching from HI CUT/LO CUT to WIDTH/SHIFT possible for reception bandwidth changing in
SSB mode

Interference/noise removal features

Heavy-duty design is capable of withstanding grueling conditions typical of contests or long
hours of hard operation with two of 60mm fan cooling system

Built-in preset-type high speed operation automatic antenna tuner

Key Features

TS-590SG Upgraded features, replaces the original TS-590S model

Enhanced RX performance with superb 3rd-order Dynamic Range

New On-screen CW decoder

Extended Digital IF Filter selections

"ANT Out" function like TS-990S