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Second Hand Kenwood TS-590S HF Transceiver £799.00

DESCRIPTION

Second Hand Kenwood TS-590S HF Transceiver, The Kenwood TS-590S provides impressive, yet affordable amateur operation on the HF and 6 meter bands. Thanks to a down-conversion receiver, narrow first roofing filter and dedicated first mixer, the TS-590S has the best dynamic range in its class when handling unwanted adjacent off-frequency signals¹. Having the first roofing filter (6 kHz BW) directly after the mixer enhances the noise blanker's ability to deal with adjacent off-frequency signals. The result is excellent receive performance, revealing signals that would be hidden to lesser rigs.

Kenwood was the first in the amateur radio market to deploy DSP based AGC at the IF stage with the TS-870S. This DSP technology has now been taken to the next level with the TS-590S. With this new transceiver, a 32-bit DSP is deployed from the IF stage forward, the TS-590S marks a bold new chapter in Kenwood's proud history of making compact, high-performance transceivers. The DSP based AGC has been improved for the target signal in the IF passband, this result is greatly improved in-band IMD characteristics that are on par with those "top of the line" transceivers costing much more¹ (1for 160/80/40/20/15 CW/SSB/FSK).

The TS-590S transmit section uses a die-cast aluminum chassis combined with a large heat-sink to increase heat dissipation efficiency. The cooling system uses the same size fan as in the previous model, but now uses two of them. This allows the fans to run at a much lower RPM while still providing more airflow. Lower RPM means less noise. This heavy-duty TX design is capable of withstanding long hours of operation under grueling conditions as found on DX-peditions or during contests. Excellent performance is expected, combined with ergonomic operation. The ARCP-590 Radio control program and ARHP-590 radio host program is available as a free download from the Kenwood site. The TS-590S is Sky Command® II ready.