The IC-718 covers 160-10 meters and features IF Shift, Adjustable Noise Blanker and DSP (UT-106). You get 99 regular memories and 2 scan edge memories. The transmit section features microphone compression and you get 5 to 100 watts of all mode output (4 to 40 watts AM). A Morse keyer is built-in. The meter shows output power, ALC and VSWR. Operating HF has never been easier. Requires 12 VDC at 20 Amps. With HM-36 hand mic. The UT-106 DSP unit is now factory installed. The reliable IC-718 is proof that HF amateur operating does not need to be complicated. 9.67 x 3.8 x 9.5 inches. 8.4 lbs. List $388.00 Order #0718 CALL/WEB

IC-7300
- IF DSP
- Variable RF Out
- Waterfall
- Direct Sampling SDR
- Touch Screen Interface
- Built In Tuner
- SWR Graphic Display
- SWR Graphic Display
- SD Card Slot
- Touch Screen Interface
- RTTY Decode
- Audio Scope
- Spectrum Display
- Speaker on Controller
- Voice Memory
- D-Star DV Mode
- Notch/RIT/Attenuator

The IC-7300 HF plus 6 meter 100 watt transceiver hosts new capabilities and technologies for its class. Instead of the conventional superhetodneyne system, a direct RF sampling approach is used. The brilliant color TFT touch screen provides complete operational status including a stunning real-time spectrum display with waterfall. There is a built-in tuner. Other features include: Voice memory, CW/RTTY memory keyer functions, RTTY decode, SD card slot, 16 Band-pass Filters, VOX, Break In, NB/NR, Notch, RIT/XIT, USB for CI-V and audio I/O, digital noise reduction and 101 memories. Requires 12 VDC at 21 Amps. 9.45 x 3.75 x 9.37 inches. With HM-219 hand mic. Currently our best selling HF rig. List $1699.95 Order #0173 CALL/WEB

IC-7610
- Memory Pad
- Full Break-in CW
- Built-in Antenna Tuner
- 100 Watts
- 10 watts
- ±0.5 ppm Stability
- 1 Hz Readout
- RTTY Demod
- Dual Watch
- 7" Color Display
- Ext. Monitor Support

The IC-7610 provides professional performance in the 160 to 6 meter bands. It introduces dual RF direct sampling receivers achieving 100dB RMDR. Each receiver has separate Digi-SEL preselectors, separate Band Pass Filter networks, feed two separate A/D converters into the FPGA. Comes with a high-speed, high-resolution, real-time spectrum scope on a 7-inch color display. The IC-7610 employs an RF direct sampling system, where signals are converted to digital data and processed by the Field-Programmable Gate Array to reduce distortion that naturally occurs in the various mixer stages found in traditional superhetodneyne receivers. Other enhancements include: SD memory card, I/Q output, Memo Pad, Quick split function, Dual Watch, RF gain and squelch controls, RIT and TX variable, UTC/local clock with timer function, 1 Hz pitch tuning and display, Dial lock, Adjustable diablate, External speaker jacks for Main and Sub receivers, Screen saver function, Multifunction meter and Auto tuner. With HM-36 hand mic and DC cord. Requires 12 VDC at 23 Amps. List $4278.00 Order #0610 CALL/WEB

The IC-7600 was designed from the start to be the ultimate contest transceiver. It features separate DSP units (of the same type used in the famous IC-7600) for the radio and the spectrum display. You will enjoy a +40dBm 3rd order intercept point and ultra wide dynamic range. There is an automatic tracking preselector to reject out-of-band interference. The push-pull 48VDC MOSFET amplifiers provide powerful 200W of output power at full duty cycle with low IMD in all bands. The wide 7 inch diagonal color TFT LCD, 800x480 pixel display is dazzling. The front panel has two USB ports (for optional USB PC key-boards and USB cards). The rear panel offers a host of I/O connections including an SP DIF IN/OUT, Ethernet jack and VGA monitor jack. 120 VAC. 16.8 x 5.5 x 16.6” lbs. With 19 inch rack mounting brackets, but mic not included. List $7800.00 Order #0277 CALL/WEB
The Icom IC-7851 perfects 160 to 6 meter operation with new features such as a 1.2 kHz optimized rooftop filter. The up-conversion design supports a dynamic range that outperforms competitors’ similar models in the 2 to 10 kHz separation tests.

The IC-7851 employs a direct digital oscillator (DDO) with a voltage controlled SAW oscillator (VCSO). This 1st LO design sets a new benchmark for dynamic range that outperforms competitors’ similar models in the 2 to 10 kHz separation tests.

Receive Auto Bandwidths: AM 5/7.5/15 kHz
Receive Bandwidths: AM 5/7.5/15 kHz
Receive Modes: USB/LSB/CW/AM
Receive Power: 150 kHz - 30 MHz
Receive Coverage: 1.8/2.2/2.6 kHz
Receive Bandwidths: 0.5/1.8/2.2/2.6 kHz
Receive Auto Bandwidths: AM 5/7.5/15 kHz
Receive Modes: USB/LSB/CW/AM
Receive Bandwidths: AM 5/7.5/15 kHz
Receive Modes: 1.8/2.2/2.6 kHz
Receive Bandwidths: 0.5/1.8/2.2/2.6 kHz
Receive Tuning Resolution: 1 MHz, 100, 1 kHz
Receive Tuning Resolution: 100, 10 Hz
Receive HF Sensitivity MDS: -135 dBm (500 Hz CW)
Receive HF Sensitivity SSB: -110 dBm (2600 Hz SSB)
Receive I-Q sampling: 32-bit DSP to digital audio CODEC.
Receive AGC Attack Time: Slow/Medium/Fast
Receive Audio System: 8 Ohm 0.8 watts to 1.2x1.6” Internal Speaker or External Speaker jack
Receive AGC Attack Time: S/N >420000
Receive Speaker pg.27 210.00
Receive Speaker Mobile pg.27 77.00
Receive Speaker with Filters pg.27 465.00
Receive Speaker pg.27 120.00
Receive Speaker with Filters pg.27 330.00
Receive Desk Microphone With Up/Down 400.00
Receive Controller Bracket IC-7000 30.00
Receive Mobile Mounting Bracket 50.00
Receive Controller Bracket IC-7851 20.00
Receive 6.0 kHz Roofing Filter 125.00
Receive CI-V Level Converter Discontinued
Receive HD+6M Auto Tuner 599.00
Receive Folded Dipole Antenna 160-10m 430.00
Receive High Stability Crystal ±0.5 ppm Discontinued
Receive Serial data cable to PC. Discontinued
Receive IP Remote Software 149.00
Receive Programming Software 50.00
Receive High Stability OCXO
Receive Digital Voice Recorder
Receive Voice Synthesizer
Receive 7” Dia. Color TFT
Receive 200W Output
Receive 20W Output
Receive Waterfall
Receive Dual Receive
Receive Spectrum Scope
Receive Automatic Tuner
Receive I-Q data & radio control
Receive ESD Protection: ESD diodes at antenna, power jacks, USB port, keys and knobs.
Receive Physical: 5.61 x 1.55 x 6” 2 lbs.
Receive Universal Radio, Inc. Info.: 614 866-4267
Receive Physical: 5.61 x 1.55 x 6” 2 lbs.
Receive AGC Attack Time: Slow/Medium/Fast
Receive Audio System: 8 Ohm 0.8 watts to 1.2x1.6” Internal Speaker or External Speaker jack
Receive AGC Attack Time: S/N >420000
Receive Speaker pg.27 210.00
Receive Speaker Mobile pg.27 77.00
Receive Speaker with Filters pg.27 465.00
Receive Speaker pg.27 120.00
Receive Speaker with Filters pg.27 330.00
Receive Desk Microphone With Up/Down 400.00
Receive Controller Bracket IC-7000 30.00
Receive Mobile Mounting Bracket 50.00
Receive Controller Bracket IC-7851 20.00
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Receive 20W Output
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Receive Dual Receive
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Receive Controller Bracket IC-7851 20.00
Receive 6.0 kHz Roofing Filter 125.00
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Receive Folded Dipole Antenna 160-10m 430.00
Receive High Stability Crystal ±0.5 ppm Discontinued
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Receive Digital Voice Recorder
Receive Voice Synthesizer
Receive 7” Dia. Color TFT
Receive 200W Output
Receive 20W Output
Receive Waterfall
Receive Dual Receive
Receive Spectrum Scope
Receive Automatic Tuner
Receive I-Q data & radio control
Receive ESD Protection: ESD diodes at antenna, power jacks, USB port, keys and knobs.
Receive Physical: 5.61 x 1.55 x 6” 2 lbs.
Receive Universal Radio, Inc. Info.: 614 866-4267
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Receive CI-V Level Converter Discontinued
Receive HD+6M Auto Tuner 599.00
Receive Folded Dipole Antenna 160-10m 430.00
Receive High Stability Crystal ±0.5 ppm Discontinued
Receive Serial data cable to PC. Discontinued
Receive IP Remote Software 149.00
Receive Programming Software 50.00
Receive High Stability OCXO
Receive Digital Voice Recorder
Receive Voice Synthesizer
Receive 7” Dia. Color TFT
Receive 200W Output
Receive 20W Output
Receive Waterfall
Receive Dual Receive
Receive Spectrum Scope
Receive Automatic Tuner
Receive I-Q data & radio control
Receive ESD Protection: ESD diodes at antenna, power jacks, USB port, keys and knobs.
Receive Physical: 5.61 x 1.55 x 6” 2 lbs.
The Yaesu FT-818ND is an enhanced version of the iconic FT-817ND. It is a fully self-contained, battery-powered, 6 Watt QRP amateur MF/HF/VHF/UHF transceiver for portable/camping/ mountain top use. Providing coverage of the 160-10 meter amateur bands (including 60 meters) plus the 6 M, 2M and 70 cm bands, the FT-818 includes operation in the SSB, CW, AM and FM modes. It may operate from the included SBR-32 Li-Ion battery, 13.8 VDC or 8 AA cells (not supplied) and provides up to 6 watts output when on external DC power (2.5 watts on cells). Includes built-in autopower off function. Requires 13.8 VDC at 22 Amps.

List $900.00 Order #0818  CALL/WEB

The Yaesu FT-857D is the world’s smallest HF/VHF/UHF multimode amateur transceiver. But don’t let the diminutive size fool you. The FT-857D is loaded with features, high power output and an outstanding receiver. It provides coverage of the 160 to 6 meter bands, including 60 meters plus the 144 MHz and 430 MHz bands! And look at the receive coverage: 0.1-76, 108-174 and 420-512 MHz. Refinements include: spectrum display, 32 color display, beacon mode, keyer, 200 alphanumeric memories and CTCSS. This enhanced D version includes the DSP2 unit installed. Includes MH-31A8/J hand mic.

List $1700.00 Order #4991  CALL/WEB

The Yaesu FT-450D covers HF and 6 meters all in an easy to use, compact package. It employs state of the art IF DSP technology to bring an array of advanced features to the operator. Enjoy 500 regular and 2 voice memories plus a voice synthesizer. A 10 kHz roofing filter is standard. The backlit LCD display is very sharp. These new D version features include: key illumination, foot stand, 500 and 300 Hz CW Filters, and improved knob set. 9 x 3.3 x 8.5 inches 7.9 lbs. The FT-450D comes with MH-31A8/J hand mic, mic clip and DC power cord. Requires 13.8 VDC at 22 Amps.

List $900.00 Order #0891  CALL/WEB

The Yaesu FT-950D is a compact amateur HF transceiver covering the 160 to 6 meter bands with 100 watts. It features a triple conversion general coverage receiver tuning 30 kHz to 56 MHz. Modes include AM, USB, LSB and CW. DSP technology supports QRM and noise reduction, auto notch and APF audio peak filter. Other features include: attenuator, 4-60 WPM keyer, TCXO, CAT port, USB port, auto power off, full break-in, backlit LCD and backlit keys. The FT-950D comes with: MH-31A8/J hand mic, mic clip and DC power cord. It requires 13.8 VDC at 23 Amps. 6.1 x 2 x 8.6”.

List $900.00 Order #0891  CALL/WEB

The Yaesu FT-991A is a multimode high-power base/mobile “do it all” transceiver covering HF 160 to 10 meters plus the 50, 144, 430 MHz bands! Receive is 0.1-56, 76-108, 118-164 and 420-470 MHz. Power is 5-150 Watts 80/40/20/15/10/6 meters bands. The autotuner covers 160-6 meters with 100 memories for quick tune times. Sharp 3.5” TFT Touch Panel display supporting spectrum display and waterfall functions. System Fusion C4FM digital mode is included. 3 kHz and 15 kHz roofing filters are standard. Built-in ±0.5 PPM DDS/PPLL local oscillator provides high stability for demanding digital modes like JT65. The FT-991A retains all the features of the FT-991, but adds:

✔ Dynamic real-time spectrum scope
✔ Multi-color waterfall display
Supplied with the MH-31A8/J hand mic, DC cord, 25 Amp spare fuse and manual. It also features a three year limited manufacturer’s warranty. Requires 13.8 VDC 22 Amps. 8.8 x 3 x 9.9” 9.7 lbs.

List *1900.00 Order #2821  CALL/WEB

The Yaesu FT-891 is designed expressly for the FT-901 (not included). Requires 13.8 VDC 22 Amps. 8.8 x 3 x 9.9” 9.7 lbs.

List *1900.00 Order #2891  CALL/WEB

The Yaesu FT-50 is a compact multimode high-power HF/6M transceiver covering the 160-6 meters bands with 100 watts. It features a triple conversion general coverage receiver with 30 kHz to 20 MHz tuning. Modes include AM, USB, LSB and CW. DSP technology supports QRM and noise reduction, auto notch and APF audio peak filter. Other features include: attenuator, 4-60 WPM keyer, TCXO, CAT port, USB port, auto power off, full break-in, backlit LCD and backlit keys. The FT-50 comes with: MH-31A8/J hand mic, mic clip and DC power cord. It requires 13.8 VDC at 22 Amps. 6.1 x 2 x 8.6”.

List *900.00 Order #4991  CALL/WEB

The Yaesu FTdx1200 covers 160 to 6 meters with 5 to 100 Watts on SSB, CW, and FM (25W AM). It uses a 16-bit high speed floating point DSP. A full color 4.3-in TFT wide high resolution display shows loads of information providing superior operability and visibility for the FTdx1200 owner. A high speed spectrum scope is located below the LCD. Roofing filters (3/6/15 kHz) are featured. The popular optional #6072 FFT-1 Unit (page 52) adds AF-FFT scope function, RTTY/PSK31 Encode/decode, CW decode. With MH-31e hand mic, DC cord, spare fuses. Requires 13.8 VDC at 23 Amps. 14.4 x 4.5 x 12.3”. 21 lbs.

List *1100.00 Order #1857  CALL/WEB
The Yaesu FT-8900 series of HF/50 MHz 200 watt transceivers are a new premium class of Yaesu radios with two fully independent receivers plus many unique options and accessories designed to meet the performance requirements of even the most demanding operator. Yaesu engineers have achieved 112 db dynamic range and an IP3 [3rd Order IP] of -40 dBm (CW, 500 Hz BW). Sharp roofing filters for VFOA/Main receiver are selectable between 300 Hz (optional on some versions), 600 Hz, 3 kHz, 6 kHz and 15 kHz. Yaesu incorporates two of their famous custom designed 32 bit floating point DSP chips based on the T1 TMS320C6727B running at 300 MHz ... one for VFO A and one for VFO B. Enjoy state of the art on the transmit side with a pair of reliable VRF150 FETs in a push-pull configuration yielding 200 watts (75 watts class A). Three equalizer subdisplays indicate sub frequency, VRF150 FETs in a push-pull configuration yielding 200 watts (75 watts class A). Three equalizer subdisplays indicate sub frequency, graphical wave and menu functions. The rear minescent subdisplays indicate sub frequency, VRF150 FETs in a push-pull configuration yielding 200 watts (75 watts class A). Three equalizer subdisplays indicate sub frequency, graphical wave and menu functions. The rear panel has 9 MHz IF out from VFO Main receiver. The FT8900MP version includes the SM5000 Station Monitor (as shown above) and has 0.05 ppm TCXO and 3 kHz roofing filter. Order #0000 Discontinued

The FT89000LTD includes ±0.05 ppm TCXO and 3 kHz roofing filter, but not the SM5000.
List $5300.00 Order #6279 CALL/WEB

The Yaesu FT-8800 series of HF/50 MHz 200 watt transceivers are a new premium class of Yaesu radios with two fully independent receivers plus many unique options and accessories designed to meet the performance requirements of even the most demanding operator. Yaesu engineers have achieved 112 db dynamic range and an IP3 [3rd Order IP] of -40 dBm (CW, 500 Hz BW). Sharp roofing filters for VFOA/Main receiver are selectable between 300 Hz (optional on some versions), 600 Hz, 3 kHz, 6 kHz and 15 kHz. Yaesu incorporates two of their famous custom designed 32 bit floating point DSP chips based on the T1 TMS320C6727B running at 300 MHz ... one for VFO A and one for VFO B. Enjoy state of the art on the transmit side with a pair of reliable VRF150 FETs in a push-pull configuration yielding 200 watts (75 watts class A). Three equalizer subdisplays indicate sub frequency, VRF150 FETs in a push-pull configuration yielding 200 watts (75 watts class A). Three equalizer subdisplays indicate sub frequency, graphical wave and menu functions. The rear panel has 9 MHz IF out from VFO Main receiver. The FT8900MP version includes the SM5000 Station Monitor (as shown above) and has 0.05 ppm TCXO and 3 kHz roofing filter. Order #0000 Discontinued

The FT89000LTD includes ±0.05 ppm TCXO and 3 kHz roofing filter, but not the SM5000.
List $5300.00 Order #6279 CALL/WEB

The Yaesu FT-8800 series of HF/50 MHz 200 watt transceivers are a new premium class of Yaesu radios with two fully independent receivers plus many unique options and accessories designed to meet the performance requirements of even the most demanding operator. Yaesu engineers have achieved 112 db dynamic range and an IP3 [3rd Order IP] of -40 dBm (CW, 500 Hz BW). Sharp roofing filters for VFOA/Main receiver are selectable between 300 Hz (optional on some versions), 600 Hz, 3 kHz, 6 kHz and 15 kHz. Yaesu incorporates two of their famous custom designed 32 bit floating point DSP chips based on the T1 TMS320C6727B running at 300 MHz ... one for VFO A and one for VFO B. Enjoy state of the art on the transmit side with a pair of reliable VRF150 FETs in a push-pull configuration yielding 200 watts (75 watts class A). Three equalizer subdisplays indicate sub frequency, VRF150 FETs in a push-pull configuration yielding 200 watts (75 watts class A). Three equalizer subdisplays indicate sub frequency, graphical wave and menu functions. The rear panel has 9 MHz IF out from VFO Main receiver. The FT8900MP version includes the SM5000 Station Monitor (as shown above) and has 0.05 ppm TCXO and 3 kHz roofing filter. Order #0000 Discontinued

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List $5300.00 Order #6279 CALL/WEB

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The FT89000LTD includes ±0.05 ppm TCXO and 3 kHz roofing filter, but not the SM5000.
List $5300.00 Order #6279 CALL/WEB
Amateur Base Transceivers

The innovative Yaesu M1 reference microphone features both condenser and dynamic elements. Each element may independently be used to be used independently or in combinations to create the most favorable sound quality. 30-17000 Hz. 600 Ohms. With 8 pin jack and a modular jack.

The innovative Yaesu M100 features a hybrid design integrating a high-quality Condenser and Dynamic element. The Condenser Element produces greater overall frequency response - with clear and crisp audio, while the Dynamic Element delivers enhanced low and mid-range frequency response. A set of one-touch buttons on the microphone base enable the two microphone elements to be used independently or in combinations to create the most favorable sound quality. 30-17000 Hz. 600 Ohms. With 8 pin jack and a modular jack.

The Kenwood TS-990S transceiver has a dual TFT display and dual receivers covering the HF amateur bands plus 6 meters. It also features narrowband roofing filters on the main receiver in a full down-conversion configuration. The TS-990S achieves the highest basic reception 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 and adopts technology from the flagship TS-990. With this new transceiver, a 32-bit DSP is deployed from the IF stage forward, the TS-990S 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. The result is greatly improved in-band IMD characteristics that are on par with those "top of the line" transceivers costing much more (for 160/80/40/20/15 CW/SSB/FSK). Covering 160 to 6 meters with 100 watts, this radio features: automatic tuner, RIT/XIT, keypad entry, full & semi break-in, NR, 10 Hz dual VFO display, USB port, dual quiet low RPM fans and is SkyCommand II ready. New features include Morse decode and display, split function, variable color display and enhanced autotuner. 11 x 4.2 x 13.2" 16.3 lbs.

List $8160.00 Order #3990 CALL/WEB

The Kenwood TS-990S transceiver has a dual TFT display and dual receivers covering the HF amateur bands plus 6 meters. It also features narrowband roofing filters on the main receiver in a full down-conversion configuration. The TS-990S achieves the highest basic reception 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 and adopts technology from the flagship TS-990. With this new transceiver, a 32-bit DSP is deployed from the IF stage forward, the TS-990S 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. The result is greatly improved in-band IMD characteristics that are on par with those "top of the line" transceivers costing much more (for 160/80/40/20/15 CW/SSB/FSK). Covering 160 to 6 meters with 100 watts, this radio features: automatic tuner, RIT/XIT, keypad entry, full & semi break-in, NR, 10 Hz dual VFO display, USB port, dual quiet low RPM fans and is SkyCommand II ready. New features include Morse decode and display, split function, variable color display and enhanced autotuner. 11 x 4.2 x 13.2" 16.3 lbs.

List $39.95

The Kenwood TS-590SG has the best dynamic range in its class when handling unwanted adjacent off-frequency signals thanks to a downconversion receiver, narrow first roofing filter and dedicated first mixer. This enhanced version includes 500 Hz and 2.7 kHz roofing filters to better deal with adjacent 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 and adopts technology from the flagship TS-990. With this new transceiver, a 32-bit DSP is deployed from the IF stage forward, the TS-990S 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. The result is greatly improved in-band IMD characteristics that are on par with those "top of the line" transceivers costing much more (for 160/80/40/20/15 CW/SSB/FSK). Covering 160 to 6 meters with 100 watts, this radio features: automatic tuner, RIT/XIT, keypad entry, full & semi break-in, NR, 10 Hz dual VFO display, USB port, dual quiet low RPM fans and is SkyCommand II ready. New features include Morse decode and display, split function, variable color display and enhanced autotuner. 11 x 4.2 x 13.2" 16.3 lbs.

List $89.95

The innovative Yaesu M100 features a hybrid design integrating a high-quality Condenser and Dynamic element. The Condenser Element produces greater overall frequency response - with clear and crisp audio, while the Dynamic Element delivers enhanced low and mid-range frequency response. A set of one-touch buttons on the microphone base enable the two microphone elements to be used independently or in combinations to create the most favorable sound quality. 30-17000 Hz. 600 Ohms. With 8 pin jack and a modular jack.

List $470.00

Yaesu M100

Yaesu M1

Yaesu

Kenwood TS-990S

Kenwood TS-590SG

Universal Radio, Inc.
651-B Lakeview Plaza Blvd.
Worthington, Ohio 43085

Quality Equipment Since 1942
Page 52

Info.: 614 866-4267
Orders: 800 431-3939
www.universal-radio.com
The Kenwood® TS-890S transceiver made its world debut at the 2018 Hamvention® in Xenia, Ohio. Operating 160 to 6 meters, it features full down conversion receiver with h-mode mixer and High C/N 1st LO. It has four built in roofing filters: 500 Hz, 2.7 kHz, 6 kHz and 15 kHz (optional 270 Hz). The TS-890S has a 7 inch color TFT display with roofing frequency sampling band scope, auto scroll mode, USB audio, 120 memories, multiple information screen, high speed independent band scope, external display via DVI-I and voice guide functions. Remote control operation with direct IP connection (without computer) is supported. Encode of CW, RTTY and PSK is possible. A 100 watt heavy duty, high speed built-in antenna tuner is standard. Requires 13.8VDC at 22.5 Amps. Remote operation with direct IP connection (without computer) supported.

List $4590.00  Order #4890  CALL/WEB

TS-890S OPTIONS

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<thead>
<tr>
<th>#</th>
<th>Item</th>
<th>Description</th>
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</tbody>
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The Kenwood TS-480SAT is an all mode HF plus 6 meter amateur transceiver. It features AF digital signal processing on both receive and transmit. A quad-mixer provides receiver dynamic range equivalent to that of the TS-950 class. Receive coverage is 500 kHz (30 kHz VFO) to 60 MHz and 160-6 Meters.

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The Kenwood TS-480SAT transceivers made its world debut at the 2018 Hamvention® in Xenia, Ohio. Operating 160 to 6 meters, it features full down conversion receiver with h-mode mixer and High C/N 1st LO. It has four built in roofing filters: 500 Hz, 2.7 kHz, 6 kHz and 15 kHz (optional 270 Hz). The TS-890S has a 7 inch color TFT display with roofing frequency sampling band scope, auto scroll mode, USB audio, 120 memories, multiple information screen, high speed independent band scope, external display via DVI-I and voice guide functions. Remote control operation with direct IP connection (without computer) is supported. Encode of CW, RTTY and PSK is possible. A 100 watt heavy duty, high speed built-in antenna tuner is standard. Requires 13.8VDC at 22.5 Amps. Remote operation with direct IP connection (without computer) supported.

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This device has not been approved by the FCC.

This device may not be offered for sale or lease or be sold or leased until approval of the FCC has been obtained.

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