

If you haven't tried the TS-700A ...you haven't experienced the excitement of 2-meters

TS-700A Specifications

TRANSMIT/RECEIVE FREQUENCY RANGE:
144-148 MHz
MODE: SSB, FM, CW, AM
RF OUTPUT: CW, FM: more than 10W output.
AM: more than 3W output. SSB: more
than 20W DC input.
ANTENNA IMPEDANCE: 50Ω (unbalanced)
CARRIER SUPPRESSION: Better than 40 dB
SIDE-BAND SUPPRESSION: Better than 40 dB
SPURIOUS RADIATION: Less than -60 dB



Experience the excitement
of 2 meters. There's more than
just FM repeaters, you know. SSB DX,
OSCAR Satellite, CW...and do it all with a tunable
VFO. Do it all with the Kenwood TS-700A.

- Operates all modes: SSB (upper & lower), FM, AM, and CW
- Completely solid state circuitry provides stable, long lasting, trouble-free operation
- AC and DC capability. Can operate from your car, boat, or as a base station through its built-in power supply
- 4 MHz band coverage (144 to 148 MHz) instead of the usual 2
- Automatically switches transmit frequency 600 KHz for repeater

- operation...reverses, too
- Outstanding frequency stability provided through the use of FET-VFO
- Zero center discriminator meter
- Transmit/Receive capability on 44 channels with 11 crystals
- Complete with microphone and built-in speaker

The TS-700A is available at select Kenwood dealers throughout the U.S. For the name of your nearest dealer, please write.

MAX. FREQUENCY DEVIATION (FM): ± 5 kHz
REPEATER FREQUENCY SHIFT WIDTH:
600 kHz
TONE BURST TIME: 0.5-1.0 sec.
MODULATION: Balanced modulation for SSB.
Variable reactance frequency shift for FM.
Low power modulation for AM.
MICROPHONE: Dynamic microphone, 500Ω
AUDIO FREQUENCY RESPONSE: 400-2600 Hz
within -9 dB
RECEIVING SYSTEM: SSB, CW, AM: Single-
superheterodyne. FM: Double-
superheterodyne.
INTERMEDIATE FREQUENCY: SSB, CW, AM:
10.7 MHz. FM: 1st IF: 10.7 MHz. 2nd IF:
455 kHz
RECEIVING SENSITIVITY: SSB, CW: S/N = 10
dB or better at 0.25μV. 20 dB noise
quieting = Less than 0.4μV. AM: S/N =
10 dB or better at 1μV
IMAGE RATIO: Better than 60 dB
IF REJECTION: Better than 60dB
PASS-BANDWIDTH: SSB, CW, AM: More than
2.4 kHz at -6 dB. FM: More than 12 kHz at
-6 dB.
RECEIVER SELECTIVITY: SSB, CW, AM: Less
than 4.8 kHz at -60 dB. FM: Less than
2.4 kHz at -60 dB
SQUELCH SENSITIVITY: 0.25μV
AUDIO OUTPUT: More than 2W at 8Ω load
(10% distortion)
RECEIVER LOAD IMPEDANCE: 8Ω
FREQUENCY STABILITY: Within ± 2 kHz during
one hour after one minute of warm-up,
and within 150 Hz during any 30 minute
period thereafter.
POWER CONSUMPTION: Transmit mode: 95W
(AC 120/220V), 4A (DC 13.8V), max.
Receive mode (no signal): 45W (AC 120/
220V), 0.8A (DC 13.8V).
POWER REQUIREMENTS: AC 120/220V,
50/60 Hz. DC 12-16V (13.8V as reference)
DIMENSIONS: 278 (W) x 124 (H) x 320 (D) mm
WEIGHT: 11 kg
SUGGESTED PRICE: \$700.00

Prices subject to change without notice

KENWOOD
...pacesetter in amateur radio

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