Optional Accessories





• KHS-21 Headset without VOX, PTT

• MCP-1A Memory Control Program (available free for downloading from the Kenwood website: www.kenwood.net)

Not all products are available in all markets.



Kenwood U.S.A. Corporation **Communications Sector Headquarters** 3970 Johns Creek Court, Suite 100, Suwanee, GA 30024-1265

Order Administration/Distribution P.O. BOX 22745, 2201 East Dominguez St., Long Beach, CA 90801-5745

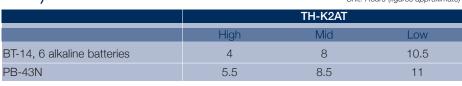
| Specifications |
|----------------|
|----------------|

| General | TH-K2AT |
|--|---|
| Frequency Range* | TX: 144-148 MHz |
| | RX: 136-174 MHz |
| Mode | F3E (FM), F2D |
| Antenna Impedance | 50 Ω |
| Operation Temperature Range | -4° F ~ +140° F (-20° C ~ +60° C) |
| Power Requirements (nominal) | |
| External | DC 12.0-16.0 V |
| Battery | DC 6.0-9.0 V |
| Microphone Impedance | 2 k Ω |
| Dimensions (W x H x D) | |
| With PB-43N (Projections not included) | 2-7/16" x 4-6/16" x 1-2/16" (58 x 110 x 28.4 mm) |
| With PB-43N (Projections included) | 2-7/16" x 5" x 1-7/16" (58 x 127.7 x 35.8 mm) |
| Weight | 12.5 oz (355 g) with PB-43N, antenna, belt hook |
| Transmitter | |
| RF Output Power (approx.) | |
| HI: DC-IN 13.8 V | 5 W |
| PB-43N 7.2 V | 5 W |
| MID: DC-IN 13.8 V | 1.5 W |
| PB-43N 7.2 V | 1.5 W |
| LO: | 0.5 W |
| Modulation | Reactance modulation |
| Maximum Frequency Deviation | less than ± 5 kHz |
| Modulation Distortion | less than 5% (300 Hz ~ 3 kHz) |
| Receiver | |
| Circuitry | Double Super Heterodyne |
| Intermediate Frequency | |
| 1st IF | 38.85 MHz |
| 2nd IF | 450 kHz |
| Sensitivity (12dB SINAD) | less than 0.18 μV |
| Squelch Sensitivity | less than 0.13 μV |
| Selectivity | |
| -6 dB | more than 10 kHz |
| -40 dB | less than 28 kHz |
| Audio Output Power | more than 400 mW (10% distortion) |
| | *Specifications are guaranteed for amateur radio bands only |
| Battery Life | Unit: Hours (figures approximate) |
| , | TH-K2AT |
| | |

KENWOOD Listen to the Future



The spirit of adventure is alive and well



Assuming a duty cycle of 6-second transmit, 6-second receive, 48-second standby

Kenwood follows a policy of continuous advancement in development. For this reason specifications may be changed without notice.





144MHz FM TRANSCEIVER • Tough weatherproof construction

www.kenwoodusa.com

ADS#13310 Printed in USA





A triumph of advanced engineering and design — Kenwood's new TH-K2AT!

Even at first glance, it's obvious that Kenwood's stylish new TH-K2AT is in a class of its own. Though compact enough to fit snugly in either pocket or palm, it offers all the features necessary to make operation simple and sure. And despite its smart looks, this144MHz FM transceiver is tough enough to survive the rigors of outdoor use, while delivering superb performance. So roam freely while enjoying the clear, reliable communications for which Kenwood is renowned.

TH-K2AT 144MHz FM TRANSCEIVER

SOPHISTICATED DESIGN

In sharp contrast to other transceivers in this class, the smart navy-blue TH-K2AT is sophisticated inside and stylish outside.

PRIORITY SCAN

KENWOOD

6 VFO

7 8 9

(*) () (#) (ALL)

6

Actual size

By specifying a priority channel for scanning, you can be ready to receive on either of two different frequencies. Among the many other scan functions are VFO, MR, call, tone, CTCSS, DCS and program.

6-CHARACTER MEMORY NAMES

There are up to 100 memory channels available, or 50 if you use memory names (up to 6 alphanumeric characters to identify a channel). And in addition there are 8 special function memories.

WEATHER ALERT/RX (US only)

In addition to reception of the NOAA Weather Radio, this transceiver can warn you with an audible alert to emergency transmissions such as storm warnings.

BUILT-IN CTCSS, DCS

As well as CTCSS (42 sub-audible tone frequencies) and DCS (104 codes), the TH-K2AT offers a 1750Hz tone burst.

INTERNAL VOX

Convenient hand-free operation is possible when used with the optional KHS-21 headset.

HIGH-CAPACITY Ni-MH BATTERY

Supplied as standard is the environmentally friendly PB-43N Ni-MH battery, offering higher capacity than a Ni-Cd battery. In high-power mode RF output is an impressive 5W.

LARGE BACKLIT LCD

The large 13-segment LCD display with backlighting ensures excellent visibility when using memory names or choosing settings.

PC PROGRAMMABLE

Handling multiple memory channels and memory names is easy from a PC (requires optional PG-4Y interface cable and free MCP-1A software). This is also convenient for copying settings to another transceiver.



13.8V DC-IN

In addition to offering both battery-powered and 13.8V DC operation, the TH-K2AT can be used during battery-charging. Moreover, charging is faster than the previous models.

BACKLIT FRONT KEYPAD

Backlighting now makes key operation easy in low-light situations.



HIGH-GAIN ANTENNA

Shortened for easier carrying, the 4-inch antenna still offers high gain.

LARGE SPEAKER, LOUD AUDIO

Speaker output has been more than doubled to 400mW, ensuring clearer communications even in noisy environments.

RUGGEDIZED WEATHERPROOF

This transceiver is built tough to meet the stringent MIL-STD 810 C/D/E/F standards for resistance to rain, vibration, shock and humidity. It also meets the international IP54 standard for dust and water resistance.



- DTMF encode Wide/narrow deviation selection
- Memory channel transfer Automatic simplex check
- Automatic repeater offset SMA antenna connector
- Time-out timer Auto power off