

Optional Accessories

• BT-14 Battery Case (6AA)	• SC-54 Soft Case with Swivel Belt Clip
• PB-43N Ni-MH Battery Pack (7.2V/1100mAh)	• PG-4Y Programming Interface Cable (DB-9)
• BC-21 Wall Charger	• KSC-24 Rapid Charger
• SMC-32 Speaker Microphone	• SMC-33 Speaker Microphone with 3 Keys
• SMC-34 Speaker Microphone with 3 Keys & Volume Control	• PG-2W DC Cable
• PG-3J Cigar Lighter Cable with Noise Filter	• HMC-3 Headset with VOX
• KHS-21 Headset without VOX, PTT	• EMC-3 Clip Microphone with Earphone
• MCP-1A Memory Control Program (available free for downloading from the Kenwood website: www.kenwood.net)	

Not all products are available in all markets.

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		
	High	Mid	Low
BT-14, 6 alkaline batteries	4	8	10.5
PB-43N	5.5	8.5	11

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.

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ADS#09306 Printed in USA

KENWOOD

Listen to the Future

TH-K2AT

144MHz FM TRANSCEIVER

*The spirit of adventure
is alive and well*

TH-K2AT
144MHz FM TRANSCEIVER

- NOAA Weather Radio reception* with audible alert
- Large LCD panel and backlit keys
- Multiple scan functions
- 5W RF output
- Tough weatherproof construction

* US only



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, this 144MHz 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.



Actual size



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

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 CONSTRUCTION

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