

KENWOOD

TH-K2E(ET)/K4E

FM HANDHELD TRANSCEIVER

*The spirit of adventure
is alive and well*

TH-K2E(ET)/K4E
FM HANDHELD TRANSCEIVER

- Large LCD panel, backlit keys
- Rugged, compact construction
- Alphanumeric memory
- High-capacity Ni-MH battery
- Powerful, long hours of operation



TH-K2ET

A triumph of advanced engineering and design — Kenwood's new TH-K2E(ET)/K4E!



Actual size TH-K2E



TH-K2ET

TH-K2E(ET)/K4E FM HANDHELD TRANSCEIVER

SOPHISTICATED DESIGN

In sharp contrast to other transceivers in this class, the smart navy-blue TH-K2E(ET)/K4E 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.

BUILT-IN CTCSS, DCS

As well as CTCSS (42 sub-audible tone frequencies) and DCS (104 codes), the TH-K2E(ET)/K4E offers a 1750Hz tone burst.

INTERNAL VOX

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

Even at first glance, it's obvious that Kenwood's stylish new TH-K2E(ET)/K4E are in a class of their own. Though compact enough to fit snugly in either pocket or palm, they offer all the features necessary to make operation simple and sure. And despite their smart looks, these 144 and 430 MHz FM transceivers are 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.



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-K2E(ET)/K4E can be used during battery-charging. Moreover, charging is faster than the previous model.

BACKLIT FRONT KEYPAD

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

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

Optional Accessories

	
• BT-14 Battery Case (6AA)	• SC-53 Soft Leather Case
	
• 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.com/i/products/info/amateur.html)	

Not all products are available in all markets.

Specifications

	TH-K2E/K2ET	TH-K4E
General		
Frequency Range	TX: 144-146 MHz RX: 144-146 MHz	TX: 430-440 MHz RX: 430-440 MHz
Mode	F3E (FM), F2D	
Antenna Impedance	50 Ω	
Operation Temperature Range	-20° C ~ +60° C	
Power Requirement (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) 58 x 110 x 28.4 mm With PB-43N (Projections included) 58 x 127.7 x 35.8 mm	
Weight	340 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)	

Battery Life

Unit: Hours (figures approximate)

	TH-K2E/K2ET			TH-K4E		
	High	Mid	Low	High	Mid	Low
BT-14, 6 alkaline batteries	4	8	10.5	3	7	9.5
PB-43N	5.5	8.5	11	5	7.5	10

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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