

# KR7424E/KR7424E(B)

## 24-hour time-lapse recorder

The KR7424E and KR7424E(B) four-head time-lapse recorders are advanced, high-quality audio/video recorders designed for video surveillance systems. Capable of recording in colour and black and white, these recorders have extensive programming capabilities and provide outstanding picture quality.

These high-performance units provide time-lapse recording in 3H, 6H, L12H and L24H modes.

To search for the desired image, adjust the playback speed with the shuttle ring and search an image field-by-field with the jog dial.

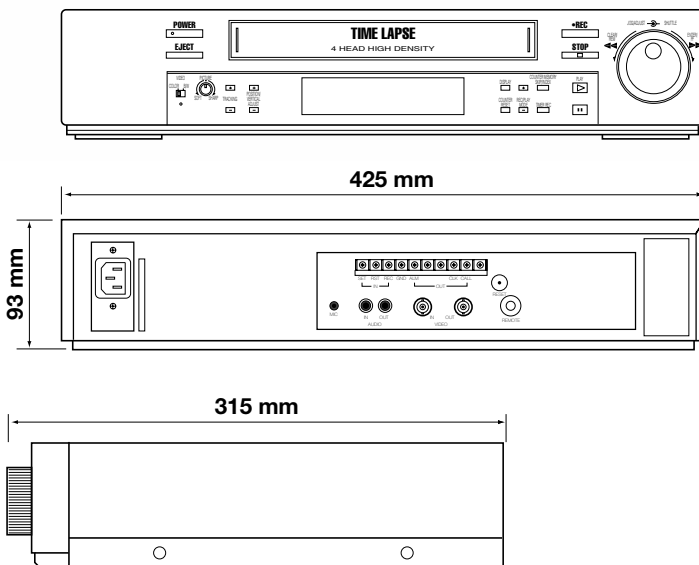
This adds up to a powerful surveillance system for banks, office buildings, convenience stores, boutiques, casinos and parking lots, as well as a convenient observation tool for numerous time-intensive processes.



### Features:

- Time-lapse recording in 3H, 6H, L12H and L24H modes
- Audio recording up to 24 hours
- Separate audio input
- Flexible 8-position time programs
- Jog dial/shuttle ring
- Built-in time date generator
- Protection against power failures
- Camera switch pulse output for multiplexer synchronisation
- 1-year limited warranty on parts & labour, 6-month limited warranty on heads

### Dimensions



KR74E

Australia · France · Germany · Italy · Japan · Singapore  
South Africa · United Kingdom · United States of  
America · Australia · France · Germany · Italy ·  
Japan · Singapore · South Africa · United Kingdom

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# KR7424E/KR7424E(B)

## Technical Specifications

Tape Speed and Recording Time:

Hour mode	Rec. type	Rec/play hour mode E-180	Rec/play hour mode E-240*	Recording sec/field	Recording fields/sec	Audio setting	Mux field delay
3H	(Normal)SP	3hrs.	4hrs.	0.020	50	Yes	002
L12H	(Normal)SP	15hrs.	20hrs.	0.100	10	Yes	007
L24H	(Normal)SP	27hrs.	36hrs.	0.180	5.55	Yes	013

\*We do not recommend using a E-240 tape.

### ELECTRICAL SPECIFICATIONS

Input voltage	100 to 230 V AC @ 50/60 Hz
Power consumption	Approx. 20 W
Video signal format	PAL standard, (625 lines, 50 fields)
Video record system	2 rotary heads, azimuth double helical scanning system
Recording mode (hr)	3, L12, L24
Max. record time	with E-180, 27 hr
Luminance signal	Frequency modulation recording
Colour signal	Low frequency conversion, sub-carrier phase shift recording
Audio track	1 track
Video input	1.0V <sub>pp</sub> , 75 ohm, BNC
Video output	1.0V <sub>pp</sub> , 75 ohm, BNC
Video S/N ratio	>42 dB
Video resolution	> 330 horizontal lines B&W > 240 horizontal lines colour
Audio record	All models
Audio input	-8 dB, 50 k ohm, RCA plug
Audio output	-6 dB, 1 k ohm, RCA plug
Audio S/N ratio	>43 dB
Microphone input	-67 dB, 600 k ohm mini mic jack
Audio freq. response	70 Hz - 7 kHz (3-hour mode)
Alarm recording time	Timed:15 sec/30 sec/45 sec/1 min/2 min/5 min/10min
Manual 1:	Until the alarm reset switch is switched to on
Manual 2:	Until the alarm reset switch is switched to off
Display Format	
Display Mode 1	(month)-(day)-(year): (day of week) (hour): (minute): (second)(recording mode)
Display Mode 2	(month)-(day)-(year)(hour) : (minute) : (second)
Display position	In any position
Timer program	8 programs, daily start and stop time for 1 week

Your local contact is:

### ELECTRICAL SPECIFICATIONS (continued)

Battery backup	Lasts 31 days
Elapsed time indicator	The maximum of 89,999 hours
Connector rating:	
ALM/CALL/MODE	
Active:	"low" level, max. current 50mA (+5 V DC)/10 mA (+24 V DC)
Non active:	open, max. voltage +24 V DC
SET/RST/REC	
Active:	When terminals are short-circuited or "low" level voltage applied
Non active:	open
CLK recording:	A pulse of the frequency division ratio selected by on-screen menu

### MECHANICAL SPECIFICATIONS

Tape format	VHS 1/2" width high density video cassette tape
Fast forward/rewind time	Approx. 140 sec with E-180 tape
Heads	Video 4 rotary single crystal heads
Audio/control	1 stationary head
Erase	1 full-track head
Motors	3 motors-drum/capstain direct drive system
Connectors	
SET input	Screw terminal for starting alarm recording
RST input	Screw terminal for finishing alarm recording or adjusting on-screen
REC input	Screw terminal for starting/finishing recording or for series recording
GND	Screw terminal for ground
ALM output	Screw terminal for output while alarm recording is under way
CLK output	Screw terminal to command camera switching
MODE output	Screw terminal for indication of VCR selected mode
CALL output	Screw terminal for external warning device or for series

### GENERAL

Ambient temperature	From 5°C to 40°C
Ambient humidity	80% relative humidity
Dimensions	425(W) mm x 93(H) mm x 315(D) mm
Weight	4.5 kg

### OPTIONS

KR7424E	24-hour time lapse recorder with Euro plug
KR7424E(B)	24-hour time lapse recorder with UK plug