

KR7496E/KR7496E(B)

4-hour continuous-time/96-hour high-density, time-lapse recorder

The KR7496E four-head continuous-time / high-density 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.

In addition to ordinary three-hour and six-hour recording modes, the KR7496E records 20 fields per second in 18H-hour mode and 4.6 fields per second in 72-hour mode, while it offers a new 96-hour mode for extending recording. To search the desired image, adjust the playback speed with the shuttle ring and search an image field-by-field with the jog dial.

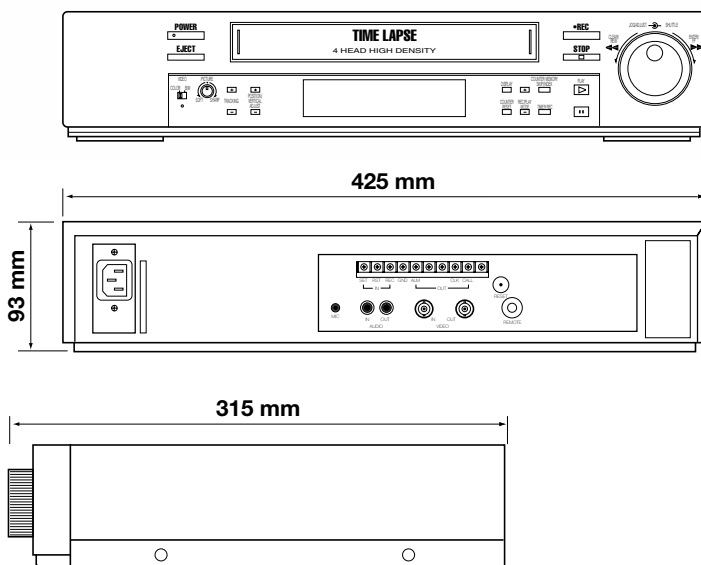
This adds up to a powerful surveillance system for banks, office buildings, convenience stores, boutiques, casinos and parking lots, as well as a convenient observation tool for numerous time-intensive processes.



Features:

- Up to 96-hour high-density recording
- Continuous recording at 20 fields per second in 18-hour mode
- Audio recording up to 24 hours using a E-180 tape
- Time/date search feature
- RS-232C interface (optional)
- Catalogues all power losses and alarm triggers
- Jog dial/shuttle ring
- 1-year limited warranty on parts & labour
- 6-month limited warranty on heads

Dimensions



KR74E

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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.	0.02	50	Yes	002
6H	(H.D.)LP	6hrs.	8hrs.	0.02	50	Yes	002
L18H	(H.D.)LP	18hrs.	24hrs.	0.06	16.66	Yes	003
72H	(H.D.)LP	78hrs.	104hrs.	0.260	3.84	No	013
96H	(H.D.)LP	102hrs.	136hrs.	0.340	2.94	No	017

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

ELECTRICAL SPECIFICATIONS

Input voltage	100 to 230 V AC @ 50/60 Hz.
Power requirements	Approx. 20 W
Video signal format	PAL standard, (625 lines, 50 fields)
Video record. system	4 rotary heads, azimuth helical scanning system
Video input	1.0V _{pp} , 75 ohm, BNC
Video output	1.0V _{pp} , 75 ohm, BNC
Luminance signal	Frequency modulation recording
Colour signal	Low frequency conversion, sub-carrier phase shift recording
Audio track	1 track
Video S/N ratio	> 42 dB
Video resolution	> 330 horizontal lines B&W > 240 horizontal lines colour
Audio input	-8 dB, 50 k ohm, RCA
Audio output	-6 dB, 1 k ohm, RCA
Audio S/N ratio	> 43 dB
Audio freq. response	70 Hz - 7 kHz (3-hour mode)
Event alarm input	Normally open or normally closed
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
Rec. form/density	ALT field
Recording mode (hr)	3, 6, L18 (24), 72, 96
Max. record time	With E-180, 102 hr
Timer record	Flex. 8 program lines
Timer program	Daily start and stop time for one week
Audio record	(3), 6, L18 (24), 72, 96

ELECTRICAL SPECIFICATIONS (continued)

Emergency record	On/off
Audio record protect	On/off
Still play back	Double field
Forward slow	Audio on/off
Alarm search	Full auto
Time/date display	One or two line
Display format	Day and present time/stop watch/display mode
Timer back Up	One year (Li-battery) detachable
Audio/control	1 stationary head
Erase	1 full-track head

MECHANICAL SPECIFICATIONS

VCR tape speed	3 hours - 102 hours (with E-180 cassette)
FF/REW time	Approx. 140 sec with E-180cassette
Head clean mech.	LD/UL only
VCR format	VHS 1/2" width high-density video cassette tape.
VCR head system	4 rotary single crystal heads
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	Max. 80% (non-condensing)
Dimensions	425(W) mm x 93(H) mm x 315(D) mm
Weight	4.5 kg

OPTIONS

KR7496E	96-hour high density recorder with Euro plug
KR7496E(B)	96-hour high density recorder with UK plug
MI-R7100	Optional remote control
KR-7000RS	Optional RS-232C interface board

Your local contact is: