



## TIME LAPSE VCRs

Advanced Time Lapse Video recorders from Computer.

*Combining Optimum Performance, Reliability and a wide range of features to provide the best in Time Lapse Video Recording.*

## DATA SHEET



### CTR3960

A high specification, 960 hour, time lapse VCR with an extensive range of features, providing maximum flexibility, high capacity and enhanced performance.

### 13 RECORDING SPEEDS

Operators can select one of 13 recording speeds. When using multiplexers, it is possible to achieve frame accurate recording by connecting the clock output.

### ON SCREEN MENUS

All of the parameters are set up using the on screen menus, from time and date through to alarm functions. The VCR does not require a camera to be connected at the set up time as menus will operate using an integral system.

### ALARM FUNCTIONS

A table logs alarm activities. Index and skip facilities simplify their location. When an alarm is activated, the machine will automatically revert to real time and, by using the emergency function, it can respond to alarms even when turned off.

### HIGH QUALITY RECORDING

The CTR 3960 is fitted with a switch for selecting colour or monochrome recordings, maximising performance and enabling enhanced resolution in the order of 240 TV lines in colour and 330 TV lines in monochrome.

### CTR3960

Resolution	>330 TVL (Mono), >240 TVL (Colour)
Recording System	4 Rotary heads, Azimuth Helical Scanning 625 Line, 50 Fields, PAL
Signal to Noise	> 42 dB
Recording Speeds	3, 24, 48, 72, 96, 120, 168, 240, 360, 480, 720 (SP Mode) 6, 18, 48, 72, 96, 120, 168, 240, 360, 480, 720, 960 (LP Mode)
Audio Recording Speeds	3, 6, L18, L24
Tape Format	1/2" High Density VHS
Power Requirements	100-230VAC, 50/60Hz
Power Consumption	20W
Operating Temperature	+5-40°C
Battery Backup	Up to 31 days
Weight	4.5Kg
Dimensions	425(W) x 315(D) x 93(H)mm

### CTR440CE

The CTR440CE has revised time lapse modes so the customer can use modes 3,6,18,72,96 with E180 tapes and 4,8,24 modes with E240 tapes.

### CONTINUOUS RECORDING

As with its predecessor high fields per second rates are achievable with the added benefit of an ultimate time lapse mode of 96H. However it is not recommended to use E240 tapes when recording in 72 or 96 hr modes. The time lapse modes of 3, 4, 6, 8, 18 and 24 allow audio recording to take place due to the continuous nature of the recording. The CTR440CE also offers all of the easy to use, time/date and alarm search features by using the jog shuttle dial.

### EASY SET UP

On screen menus simplify the programming of time, date, alarm response modes etc. A simple Summer Time adjust button makes this twice yearly activity simple. A tape remaining indicator bar and the insertion of tape indexes makes searching for alarm events automatic.

### CTR 440CE

Resolution	>330 TVL (Mono), >240 TVL (Colour)
Recording System	4 Rotary heads, Azimuth Helical Scanning 625 Line, 50 Fields, PAL
Signal to Noise	> 42 dB
Recording Speeds	3, 6, 18, 72, 96 with E180 Tapes 4, 8, 24 with E240 Tapes
Audio Recording Speeds	3, 6, L18
Tape Format	1/2" High Density VHS
Power Requirement	100-230VAC, 50/60Hz
Power Consumption	20W
Operating Temperature	+5-40°C
Battery Backup	Up to 31 days
Weight	4.5Kg
Dimensions	425(W) x 315(D) x 93(H)mm

The automatic head cleaner ensures that all heads are cleaned every time a tape is inserted. The power failure protection feature stores data, such as time, date, recording mode and timer set up, enabling the VCR to resume recording after a power failure. It also indicates the time at which the power failed.



Chugai Boyeki (UK) Ltd.,  
Computer House,  
6 Garrick Industrial Centre,  
Garrick Road, London NW9 6AQ  
Enquiries:-  
Telephone:- 0181 732 3324,  
0181 732 3334 or 0181 732 3310  
Fax:- 0181 202 3387