



## AD8096HD

96-HOUR HIGH-DENSITY TIME-LAPSE VCR



The AD8096HD High-Density Time-Lapse VCR provides clear, crisp images necessary for surveillance applications. The unit is capable of up to 96 hours of time-lapse recording and up to 24 hours of virtual real-time recording.

On-screen programming allows for simplified setup of features such as advanced time and date search, timer recording, and alarm recording.

In high-density mode, the VCR can record three times as many images on standard VHS tape. The result is smoother recording with more detailed images and enhanced audio capabilities.

The easy-to-use time and date search feature enables you to playback specific alarms and events. The timer recording feature allows for up to fifteen programs – two for each day of the week and one for daily programming. The alarm recording feature designates the speed at which the VCR will record; faster speeds yield increased information.

The unit's versatile shuttle dial allows for a variety of playback features including fast forward/reverse play, forward/reverse field playback, and still field.

The VCR has been optimized for premium quality replay of multiplex recorded tapes when used in conjunction with American Dynamics family of Robot multiplexers. Not only does this VCR allow you to playback tapes in whichever time-lapse mode they were recorded, it also allows you to fast forward and reverse play.

### FEATURES

- Accommodates both standard and high-density record modes
- Virtual 24-hour real-time recording capability
- 96-hour time-lapse recording in high-density mode
- On screen programming
- Tape rewind speed 100 seconds (T-120)
- Automatic head cleaner
- Time and date search
- Alarm search
- 15 programmable timer settings
- Easy recording verification
- Convenient multi-playback mode shuttle
- Daylight savings time feature

## SPECIFICATIONS

### Model Number

AD8096HD .....VCR, 96-hour, time-lapse, NTSC

### Operational

Tape Format .....Standard 1/2 in VHS  
 Video Standard .....NTSC  
 Video Recording System .....Rotary 2-head azimuth  
 Video Head Configuration .....4-head double azimuth  
 Tape Transport  
 Rewind/FF Speed .....Within 100 seconds (with T-120 VHS tape)  
 Head Cleaning .....Automatic  
 Auto Diagnostics .....Alarm buzzer, indicator light, and display number

### Video System

Virtual 24-Hour Real-Time Record/  
 Playback Time Mode .....24-hour with T-160 VHS tape,  
 (20 fields/second) 18-hour with  
 T-120 VHS tape  
 Standard Time Modes .....A2, A12, A24, 24, 48, 72-hour; one-shot;  
 event (with T-120 VHS tape)  
 High Density Time Modes .....30, 48, 72-hour (with T-120 VHS tape) 40,  
 64, 96-hour (with T-160 VHS tape)

### Horizontal Resolution

(A2-Hour Mode) .....350 lines (B/W) 300 lines (color)  
 Luminance Signal .....Frequency modulation recording  
 Color Signal .....Down-converted direct recording type  
 S/N Ratio

(A2-Hour Mode) .....> 45 dB (B/W)  
 > 43 dB (color)

Video Input/Output (BNC) ..1.0 Vp-p, 75 Ω

### Audio System

Record/Playback  
 Time Modes .....A2, A6, A12, A18, and A24-hour  
 Audio Track .....One track, mono  
 Frequency Response  
 (A2-Hour Mode) .....100 Hz to 10 kHz  
 S/N Ratio  
 (A2-Hour Mode) .....> 43 dB

### Audio Input

Line Input .....308 Vrms, > 47 kΩ, pin jack  
 Microphone Input .....0.245 Vrms, < 5 kΩ, 3.5 jack

Audio Output .....388 Vrms, < 4.7 kΩ, pin jack

### Alarm Handling

Alarm Record Modes .....A2, A6, A12, A18, and A24-hour  
 Alarm Record Duration .....5, 15, and 30 seconds; 1, 1.5, 2, 2.5, 3, and  
 6 minutes; continuous, manual

### Timer

Timer Recording .....15 event programmability  
 Recording Speed .....Programmable

### On-Screen Displays (can be set on or off at user's discretion)

Date .....Current month, day, and year  
 Day .....Current day of week  
 Time .....Current time of day  
 Speed .....Tape speed  
 VCR .....Sets the VCR number (1-8)  
 Alarm Counter .....Displays number of alarms

### Electrical

Input Voltage .....120 VAC, 60 Hz  
 Power .....18 watts

### Mechanical

Dimensions (H x W x D) .....92 x 430 x 318 mm  
 (3.6 x 17 x 12.5 in)  
 Weight .....5.0 kg (11 lbs)  
 Shipping Weight .....6.5 kg (14.5 lbs)

### Environmental

Operating Temperature .....5° to 40° C (41° to 104° F)  
 Humidity .....80% RH (non-condensing)  
 Storage Temperature .....-20° to 60° C (-4° to 140° F)

### Regulatory

Emissions .....FCC: Part 15, Class A  
 Canada: ICES-003, Class A  
 Safety .....UL: UL2044  
 CSA: C22.2 No. 1

### Options

RVMOTE .....Wired Remote Control  
 RVLOCK3 .....VCR Lock Box  
 ADR8010RK .....Rack Mount Kit