

SL720

24 Hour Real Time - 48 Hour Time Lapse Recorder

# security labs

## Features

- High quality field recording / playback  
350 lines horizontal resolution (B/W)  
300 lines horizontal resolution (Color)
- Switchable video noise filter (playback)
- Recording speeds: 2H, 6H, 18H, 24H, 36H, 48H
- Real time recording (24H) with audio
- On screen set up menus
- End of tape output
- Alarm scan function
- Clock memory back up
- Repeat, Timer, Alarm, and Panic record functions
- Adjustable location of on screen; time/date, rec. speed, and 20 character titler
- Daily and weekly timer set for programmable recordings
- Selectable "OPEN" or "CLOSED" inputs for trigger terminals
- Front panel lock out switch
- Hour meter in menus showing cumulative hours of the machine's operation
- Instant record check button on front panel and remote
- DLC coated 4 Head drum
- Auto head cleaner
- Mic input
- A/V bypass during power failure
- Memory menus showing alarm times, and power loss and return times
- Free voltage power supply (90 to 250VAC, 50/60 Hz) for international applications
- Commercial ball bearing capstan motor
- Automatic detection sync mode for SW out connection to multiplexers
- Quick start recording; two seconds from power off to record mode
- Alarm recording times 20s, 60s, 90s, 2min, 3min, 5min, 10min, 15min, 20min, 25min, 30min.



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## GENERAL

Power Source 90 to 250VAC, 50/60 Hz  
Power Consumption Approx. 17 Watts  
Format VHS, NTSC Direct Drive Capstan and Head Motors  
Head System Four Head Rotating Helical Scan Double Azimuth System, DLC  
coating  
Capstan Commercial Grade Ball Bearing Motor  
Tape Speed 33.35 m/sec (Two Hour Mode); SP Recording in all Speeds  
FF/REW Time Approx. 3 Minutes (T-120)  
Dimensions 14" x 3.25" x 11.5" Center Loading w/ Contemporary Styling  
Operational Temp. / Humidity 41 degrees F - 104 degrees F, Less than 80% RH  
Weight Approx. 9 lbs.

## VIDEO SECTION

Video Signal System EIA Standard (525 lines, 60 fields) NTSC  
Camera Input 1.0 Vp-p, 75 ohms Unbalanced  
Video Output 1.0 Vp-p, 75 ohms Unbalanced  
Video Horizontal Resolution Greater than 350 lines (B/W), 300 lines (color)  
Video Recording Speeds (T-120) 2, 6, 18, 24, 36, 48 (T-160)

## AUDIO SECTION

Type Linear Monaural  
Line Input/Output -8.8 dBm / -7.8dBm Unbalanced  
Microphone Input -60dBs, 3.5mm Mini Jack  
Audio recording In 2, 6, and 18 (24H real time w/ T-160 tape)

## CONNECTIONS

Alarm input DC4-5V (Open), DC 0-0.8V (Closed)/5.7k  
Alarm output DC4-5V(H), DC 0-0.8V(L)/5.7k  
Panic input DC4-5V(Open), DC 0-0.8V(Closed)/5.7k  
End output DC4-5V(H), DC 0-0.8V(L)/5.7k  
Warning output DC4-5V(H), DC0-0.8V(L)/5.7k  
Series input DC4-5V(H), DC 0-0.8V(L)/5.7k  
Series output DC4-5V(H), DC0-0.8V(L)/5.7k  
Switch output DC4-5V(H), DC0-0.8V(L)/5.7k (for use with multiplexers)  
Common OV(GND)

## ADDITIONAL FUNCTIONS

Power Automatic Power Up when Triggered  
Quick Start Two Seconds Between Power off and Record  
Back-up 30 Day Back-up Memory Retains Time Stamp  
Time Stamp Time (w/ Seconds) / Date, Frame Counter, Selectable Placement  
On Screen Text On-Screen Text, Up to 20 Characters  
Triggering Device Inputs Rear Panel Screws: Normally-Open or Closed Inputs  
End of Tape Contact Momentary 10mA Output (programmable High or Low (5V or .8V))  
Search Picture, Index, Alarm, Alarm Scan, Zero Search  
Programmable Recordings 7 Events as Daily or Weekly Programs  
Buzzer Internal Programmable Buzzer for Operational Warnings  
Repeat Recording Programmable  
Frame Counter Running 0-30 Frame Counter for Unique Frame Identification  
Hour Usage On Screen in Main Menu  
Alarm Counter Programmable On Screen  
AV Through Audio / Video Active Through With VCR Power Off  
Panel Lock Front Panel Button Security Feature  
IR Remote Full Function Handheld Remote Included  
Multiplexer Sync Automatic Sync Detection Mode or Manual Setting  
Alarm (Event) Recording 11 Programmable Selection Times from 20s to 30 min.