

SL830 PRO

40 Hour Real Time - 960 Hour Time Lapse Recorder w/ RS-232

security labs

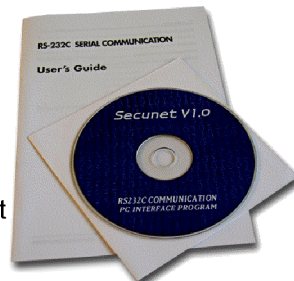
Features

- 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, 30H, 48H, 72H, 96H, 120H, 168H, 240H, 360H, 480H, 720H, and 960H
- Real time recording (40H) 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.



Scan frame by frame in forward and reverse using the digital shuttle

The SL830 Pro includes **RS232 control software** (PC) for remote control of the VCR. Includes command strings for integration into commercial control equipment



Rear Panel Connections

- > Alarm IN / OUT
- > Panic Record Input
- > Series Recording IN / OUT
- > Warning Output
- > SW Out (programmable)
- > Tape End
- > Video IN / OUT (BNC)
- > Audio IN / OUT
- > MIC Input (1/8")
- > 9 Pin RS232 connector



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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
Capstan Commercial Grade Ball Bearing Motor
Tape Speed 33.35 m/sec (Two Hour Mode)
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) 2H, 6H, 18H, 30H, 48H, 72H, 96H, 120H, 168H, 240H, 360H, 480H, 720H, and 960H

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, 18, and 30 (40H 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
Digital Shuttle Frame by Frame Forward and Reverse w/ Five Scan Speeds
Programmable Recordings 7 Events as Daily or Weekly Programs
RS-232 PC Software & Command Strings Provided for Communication
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.