

TL24A5T Time Lapse Recorders

INITIAL TECHNICAL DATA

- **24hr Video Recorder**
- **Superior Picture Quality**
- **Turbo Drive Technology for Fast Picture Retrieval**
- **3hr Mode in Alarm**
- **7 Programmable Timer**
- **Automatic Picture Control**
- **Auto Repeat Recording with End-of-Tape Alarm**
- **Search Via Jog Shuttle Control**



The Philips TL24A5T 24hr Time Lapse Recorder (TLR) introduces state-of-the-art audio and video quality plus many easy-to-use features that can be used with any security application including banking, educational, industrial, retail, and medical installations. The TLR has excellent resolution picture and superb still picture quality, with no wavering for the best possible picture display.

Specifically designed with surveillance and security in mind, the TL24A5T TLR offer three picture quality modes (2, 12 and 24 hour recording) to enable the appropriate balance between picture quality and recording time depending on the application: fully

automatic recording at user defined time intervals, manual recording, time-lapse or event alarm recording. Event alarm can be activated by alarm contact.

In the playback mode the user can either quickly select individual images by using time/date or alarm search, or easily browse through by using the jog shuttle. Turbo drive technology provides high speed rewind (a T-120 minute tape is rewound in about 65 seconds).

The alarm memory enables display of 7 alarms on the display monitor and allows the user to rewind to the selected alarm. Other important features of the TLR include superimposed on-screen display for

monitoring cameras while checking VCR display; built-in timer with up to seven programmable options; automatic picture control to ensure no more tracking problems; automatic head cleaning for maintenance free operation; auto repeat recording, with an end-of-tape alarm, warning the user that the tape is about to start over-recording; screw terminal on the back of the unit for camera control and alarm inputs; security lock; and power failure protection to recall alarms.

For reliable CCTV recording, the TL24A5T Time Lapse Recorder provides the system capability, quality, and ease of operation needed for continuous, dependable service.

SPECIFICATIONS

Electrical

Model No.	Rated Voltage	Voltage Range	Power at Min. Voltage
TL24A5T	120 VAC, 60 Hz	120 \pm 10%	15 W

Sync System: NTSC.

Recording System: 4 rotary heads, helical scan. Auto head cleaning.

Video:

Input: 1.0 V_{p-p} composite, 75 ohm.

Output: 1.0 V_{p-p} composite, 75 ohm.

Resolution: 300 TVL (monochrome), 240 TVL (color).

Search Features:

Time/Date search.

Alarm search.

Rev/Fwd search mode in variable speed ranges.

Field-by-Field or Frame-by-Frame search.

Recording Features: Time lapse. 2, 12, 24 hr.

Signal to noise ratio: Better than 46 dB
(in 3 hour alarm mode).

Controls:

Power switch

Menu

Record

Stop/Standby

Still

Play

Search

Jog Shuttle (Rev./Fwd.)

Connectors:

Video In: 1 BNC.

Video Out: 1 BNC.

Audio In: Cinch.

Audio Out: Cinch.

Alarm In: Screw terminal input for starting alarm recording.

Alarm Out: Screw terminal output indicating alarm recording.

ALRES/RECOU: Screw terminal input for alarm reset.

Serial IN: Screw terminal input for serial recording.

Serial OUT: Screw terminal output for serial recording.

Cam. Switcher OUT: Screw terminal connection to Multiplexer or Switcher.

Tape End OUT: Screw terminal output for tape end alarm.

Record Check: Screw terminal input record check.

Ground: Screw terminal input ground connection.

Mechanical

Finish: Grey.

Dimensions: 381 W x 337.8 D x 86.3 H mm
(15 x 13.3 x 3.4 in).

Weight: 4.58 kg (10.1 lb).

Environmental

Temperature: Operating: +10°C to +40°C
(+50°F+104°F).

Humidity: 30-90% relative, non-condensing..

Electromagnetic Compatibility

EMC Requirements:

FCC, Class A.

Safety:

UL.

CSA.



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