

## **Recorders TLS-224P (Specification)**

### 24-Hour Time Lapse Video Cassette Recorder

Up to 24 hours of time lapse recording capability  
240mm compact size, 12V DC operation  
High quality recording and playback (Horizontal resolution of 350 lines [B/W])  
Multiple Recording Modes  
Field Recording/Field Playback  
Power off through  
Timer Recording  
Alarm Recording  
Built-in Time-Date Generator  
Alarm Scan Function

#### Recorders TLS-224P

Cassette Type Standard  
Video Recording System

#### RECORDING SYSTEM

#### VIDEO Signal format

Video input  
Video output

#### AUDIO Input

#### TIME/DATE GENERATOR

#### ALARM COMMANDS

#### CONNECTORS

#### PHYSICAL Dimensions (W x H x D)

Weight  
Operating temperature

#### ELECTRICAL Power

Output

1/2" VHS (E-180)  
4 Head, 2 Video helical heads for recording and standard  
playback, helical scan heads for time lapse modes  
Luminance FM recording  
Colour Rotary phase converted sub carrier, direct recording  
Recording and playback 3, 12, 24 hours Audio recording 3,  
12, 24 hours  
High speed scan 9X (3 hours modes) Rewind / FF time  
Approx. 2minute 45 sec. (with E-180)  
PAL Standard 625 lines, 50 fields /  
second. PAL Black and White, Colour auto select.  
1.0 Vp-p 75 ohm unbalanced  
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Horizontal resolution  
350 lines (B/W) 250 lines ( Colour)  
Signal to noise ratio 45dB  
Ground contact closure  
Microphone input  
Mini phono jack (3.5mm)  
1st line  
Day, Month, Year, Weekday, Alarm, Count  
2nd line  
Hour, Minute, Second, Recording speed  
Format 24 hour Battery backup 30 days  
Input Ground contact closure  
Output -7.8dBs 600ohms  
Video in/out BNC  
Audio in/out RCA phono jack  
Microphone input Mini phono jack (3.5mm)  
Remote control Mini phono jack (3.5mm)  
Tape end out Screw type terminal strip  
Alarm in/out Screw type terminal strip  
Switch output Screw type terminal strip  
Timer output Screw type terminal strip  
Warning output Screw type terminal strip  
240 x 98 x 338 mm  
Approx. 3.8kg  
5C-40C  
DC12V (10V to 16V)  
-7.8dBs 600ohms