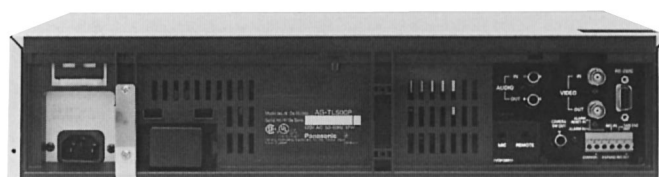


AG-TL500 VHS Time-Lapse Video Cassette Recorder (NTSC)

PRODUCT FEATURES

- Built-in RS-232C interface
- HR (High Response) mechanism assures high reliability
- Diecast aluminum chassis
- Repeat record pass indicator
- Blue screen indication in nonrecording condition
- 2H, 6H, L12H, L24H, 24H, 48H, 72H, 96H, 120H, 168H time modes
- Emergency, alarm and repeat recording
- Weekly timer, daily timer and external timer recording
- Compatible with multiplexer models WJ-FS616 and WJ-FS216 via camera switching pulse output
- Compatible with Proteus Control Systems

The AG-TL500 is a multifunction time-lapse recorder. A full week of recording and playback—168 hours—is possible and includes many advanced features, like a repeat record counter, blue background display for all nonrecording modes and a record double lock. The built-in RS-232C interface allows direct control of the AG-TL500 from the multiplexer model WJ-FS616 or from your PC with optional PFW100 software.



RECORDING MODES

| Rec Mode | Rec Time (Max./Approx.) | | Interval | Sound |
|-------------|-------------------------|----------|-------------------|-------|
| VHS | 2H | 2 hrs. | 1/60 sec. | Yes |
| | 6H | 6 hrs. | 1/60 sec. | |
| Linear Slow | L12H | 14 hrs. | 1 field/0.12 sec. | |
| | L24H | 26 hrs. | 1 field/0.22 sec. | |
| Time-Lapse | 24H | 26 hrs. | 1 field/0.22 sec. | No |
| | 48H | 50 hrs. | 1 field/0.42 sec. | |
| | 72H | 74 hrs. | 1 field/0.62 sec. | |
| | 96H | 98 hrs. | 1 field/0.82 sec. | |
| | 120H | 122 hrs. | 1 field/1.02 sec. | |
| | 168H | 170 hrs. | 1 field/1.42 sec. | |

AG-TL500 VHS Time-Lapse Video Cassette Recorder (NTSC)

GENERAL SPECIFICATIONS

GENERAL

| | |
|------------------------------|--|
| Power Source | 120VAC \pm 10%, 50/60Hz |
| Power Consumption | 17W |
| Operating Temperature | 41°F–104°F (5°C–40°C) |
| Operating Humidity | 35%–80% |
| Weight | 9.9 lbs. (4.5kg) |
| Dimensions | 3 $\frac{1}{16}$ "H x 16 $\frac{1}{16}$ "W x 11 $\frac{1}{16}$ "D (100 x 430 x 290.5mm) |

SYSTEM

| | |
|-------------------------------|--|
| Television System | EIA standard, NTSC color signal; 525 lines, 60 fields |
| Video Recording System | 4 rotary heads, helical scanning system (VHS mode) |
| Modulation System | Luminance: FM azimuth recording; Chrominance: converted subcarrier phase shift recording |
| Audio Track | 1 track |

TAPE TRANSPORT

| | |
|-----------------------------|--|
| Tape Format | VHS |
| Tape Speed | 2H mode: 15/16 ips (33.35mm/s) |
| Record/Playback Time | 2/6/L12/L24/24/48/72/96/120/168H with T-120 |
| FF/REW Time | Less than 3 min. with T-120 |

VIDEO

| | |
|------------------------------|----------------------------------|
| Line In (BNC) | 1.0Vp-p, 75 ohms unbalanced |
| Line Out (BNC) | 1.0Vp-p, 75 ohms unbalanced |
| Horizontal Resolution | 280 lines |
| S/N Ratio | 45dB (color/monochrome, 2H mode) |

AUDIO

| | |
|-----------------------|-----------------------------|
| Line In (RCA) | -10dBV, 47K ohms unbalanced |
| Mic In (M3) | -60dBV, 600 ohms unbalanced |
| Line Out (RCA) | -8dBV, 1K ohm unbalanced |

CONNECTORS

| | |
|--------------------------------|---------------------------------|
| Terminal Input | Alarm, alarm reset, REC |
| Terminal Output | Tape end, warning/REC |
| Camera Switching Output | 12V/0V, pulse width: 16.7 msec. |
| Remote Control | RS-232C I/F |

OPTIONAL ACCESSORY

| | |
|---------------|----------------------|
| AG-A11 | Wired remote control |
|---------------|----------------------|

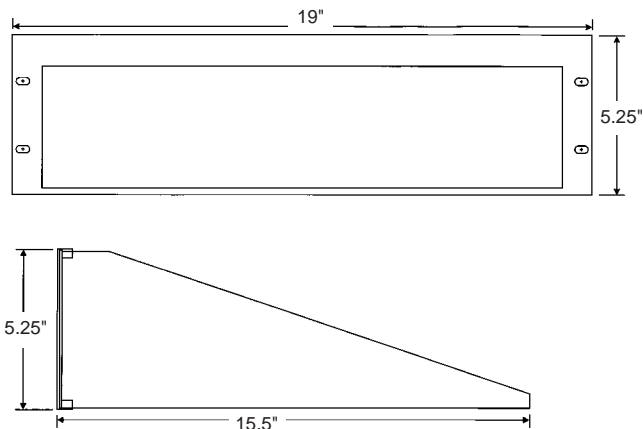
Weights and dimensions shown are approximate.
Specifications subject to change without notice.

RACK-MOUNT INFORMATION

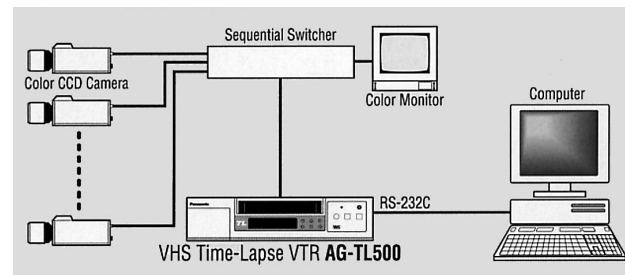
| | |
|--------------------------------|---------------------------|
| Rack-Mount Accessory | RK-AGTL500RMK* (optional) |
| Rack Height (EIA) Units | 3 units |
| Dimensions | 5.25"H x 19"W x 15.5"D |

*Manufactured by Bi-Tronics, Inc. Tel. (800) 666-0996

Please note this product cannot be ordered from Panasonic Security & Digital Imaging Co.



SYSTEM CONFIGURATION



ARCHITECTS' AND ENGINEERS' BID SPECIFICATIONS

The industrial grade time-lapse field recorder shall be a Panasonic Model AG-TL500 or equivalent. The time-lapse recorder shall not be a modified consumer unit. The time-lapse recorder shall be VHS compatible. The time-lapse recorder shall provide on-screen programming. The time and date for display as well as for control of selectable functions shall be generated by a built-in time/date generator. The unit shall display a blue background for all nonrecording modes. The unit shall have a built-in RS-232C interface to make it suitable for use in computer-controlled systems. The unit shall have 3 recording modes: VHS, linear slow and time-lapse. The maximum capacity of the 3 modes, respectively, shall be 6 hours, 24 hours and 168 hours (1 week). The time-lapse mode shall not allow sound recording but the other 2 modes shall. The unit shall include a repeat record pass indicator, to count each complete pass of a tape and indicate when to replace a used tape. The time-lapse recorder shall have connectors for video, audio, camera switchers and other video equipment. The time-lapse recorder shall be capable of controlling the timed switching on a sequential switcher. The time-lapse recorder shall have a record review feature for instant operation check. The time-lapse recorder shall not exceed the following dimensions: 3 $\frac{1}{16}$ "H x 16 $\frac{1}{16}$ "W x 11 $\frac{1}{16}$ "D. Its weight shall not exceed 9.9 lbs. It shall be UL listed.