

Video head cleaning

This unit has an auto head cleaning function which automatically reduces the dirt on the heads. However, to further increase the unit's reliability, it is recommended that its video heads be cleaned every day.

Use the cleaning fluid designated by Panasonic.

Condensation

Condensation occurs due to the same principle involved when droplets of water form on a window pane of a heated room. It occurs when the unit or tape is moved between places where the temperature or humidity varies greatly or when, for instance:

- It is moved to a very humid place full of steam or a room immediately after it has been heated up.
- It is suddenly moved from a cold location to a hot or humid location.

When moving the unit to locations such as these, leave it standing for about 10 minutes rather than switching on the power immediately.

If condensation has formed on or in the unit, the "E-20" code flashes in the counter display and the cassette tape is automatically ejected.

Keep the power supplied and simply wait until the "E-20" code goes off.

Error messages

Warning

Error No.	TV monitor display*	Descriptions	VTR operation
E-00* (Err-00)	SERVO NOT LOCKED	Error No. lights when servo disturbances continue for 3 or more seconds during playback, recording or editing.	Continued
E-01* (Err-01)	LOW RF	Error No. lights when envelope levels approx. 1/3 that of normal levels are detected for more than 1 sec. during playback, recording or editing.	Stop
E-10* (Err-10)	FAN STOP	Error No. lights when a fan motor stops operating.	Stop

* Displays when warning information is checked by pressing the DIAG button.

AUTO OFF mode

The following error number flashes on the counter display section.

Error No.	Descriptions	VTR operation
E-20	When condensation is detected, the error no. display flashes, and the unit goes into EJECT mode. The drum rotates after the cassette tape is ejected to remove condensation. When the condensation has been removed, the error no. display disappears and the VTR may be used. ◀Notes▶ 1) The drum rotates as soon as condensation is detected when the unit is in EJECT mode. 2) When condensation is detected while a cassette tape is inserted, drum rotation stops, the cassette tape is ejected and the drum rotation begins again.	EJECT
E-29	The cassette does not move up even when 6 seconds have elapsed since the VTR was transferred to the eject mode.	Stop
E-31	The unloading operation is not completed within 10 seconds.	Stop
E-35	There is no response from the servo microcomputer for 1 or more seconds.	Stop
E-36	Only the servo microcomputer was reset in an instantaneous power failure.	Stop
E-37	The servo microcomputer does not follow the instructions of the system control microcomputer even when 10 seconds have elapsed.	Stop
E-52	After the cassette has been inserted, the tape take-up reel has not wound up the tape while the total tape amount is not detected and while the tape is traveling at or above the normal tape speed in the forward or reverse direction.	Stop
E-53	After the total tape amount has been detected, the amount of tape wound up on the take-up reel and the amount of tape supplied by the supply reel differ to an abnormal extent while the tape is traveling.	Stop
E-55	The tape has not been wound up during unloading.	Stop
E-57	The start/end processing operation is not completed even after 10 or more seconds have elapsed.	Stop
E-59	The cylinder motor speed is abnormally low.	Stop