

# What should I do if one or more of the LED's are flashing?

The front panel of a DAT drive contains two rectangular **LED's** (light emitting diodes). The yellow rectangular LED indicates the drive status; the green LED indicates the cartridge status. These two indicators provide operating information for normal as well as error conditions.

Some DAT drives also contain a round, green power-on LED on the front panel.

The Drive Status LED is yellow, amber or orange and indicates the following conditions:

When **ON** (lit), the drive is reading or writing the tape. (SCSI or DAT activity is present.) During a SCSI PREVENT MEDIA REMOVAL command, the LED is always on.

Do not push the eject button while this LED is ON. If you do, the operation in progress is aborted and the cartridge is ejected, possibly causing loss of data.

When **flashing rapidly**, a hardware fault has occurred. If this situation occurs immediately after power-on make sure the power-on self-test jumper or dipswitch is disabled. Power on the drive must be recycled to clear a hardware fault.

The green, rectangular Cartridge Status LED indicates the following conditions:

- When ON (lit), a cartridge is inserted and does NOT generate excess errors.
- When flashing slowly, a cartridge is inserted but generates excess errors beyond a predefined DDS error threshold. This signal is a warning only and does not indicate data loss.

Clean the drive heads using an approved DDS DAT cleaning cartridge (such as the Seagate Model 91301).

If the LED continues flashing or flashes when ejecting the cartridge, use a brand new certified cartridge for future writes. Otherwise, operation is proceeding normally.

**NOTE:** As routine maintenance, the drive heads should be cleaned after every 25 hours of operation or after the first use of a new tape.

When **flashing rapidly**, the drive could not write the tape correctly (maximum rewrite count exceeded). The WRITE operation failed.

Clean the drive heads using an approved DDS DAT cleaning cartridge, such as Seagate Model 91301.

If the LED continues flashing, cycle power on the tape drive, Use a **brand new** certified cartridge for future writes.

## OPERATION OF LEDs:

LED - Action - Meaning

**LED ON Amber (illuminated)** - the drive is reading or writing the tape.

**Amber Flashing Rapidly** - A hardware fault occurred, or moisture was detected. Use a DDS cleaning cartridge to clean the heads after completing a hardware reset on the drive.

**Green ON (illuminated)** - A cartridge is inserted and does NOT generate excess errors.

**Green Flashing Slowly** - A cartridge is inserted but generates excessive errors beyond a predefined error threshold. Warning condition. Use a DDS cleaning cartridge to clean the heads

**Green Flashing Rapidly** - the drive could not write the tape correctly. Error condition. Use a DDS cleaning cartridge to clean the heads

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