



MOTOROLA

instructions manual revision

GENERAL

This revision details changes that have taken place since the printing of your manual. Use this information to update your manual.

MANUAL AFFECTED

68P02950C60-B, *Mobile Workstation 520™, Owner's Manual*

REVISION DETAILS

Powering On in Extreme Temperature Conditions

The MW-520 operating temperature range is:

- -20°C - +50°C (for the basic model)
- 0°C - +50°C (for upgrade option V525, without option V145)



To enable the full operating temperature range, the BIOS setup *Idle Mode* parameter must be set to its default value.



When powering on in these conditions, i.e. immediately below or above the operating temperature range, the temperature LED blinks. The workstation will automatically power up once the operating temperature range is reached, or you may turn it off and try later on.

Low Temperature

If the ambient temperature is much lower than the normal operating temperature, all LEDs and buttons will light up for a period of 1 second and the MW-520 will not power up.

A heater (option V145) maintains the ambient temperature of the MW-520 hard disk above 0° (5°C at power-on) to prevent it from being damaged by extremely low temperatures and enabling fast power on. It operates continuously for 16 hours.

If your MW-520 consists of this option, it is automatically turned on from the Main power switch. To disable it, turn the Main power switch off.

High Temperature

If the internal temperature is higher than 60°C, the MW-520 will power-up normally. After 30 minutes of high temperature operation the following message is displayed:

High Temperature Warning! MW-520 is operating out of temperature range!

Press OK to confirm, and the temperature LED will start blinking. After additional 10 minutes of high temperature operation the following message is displayed:

High Temperature Warning! MW-520 will be shut down in 3 minutes.

Press OK to confirm, close all applications and turn off the workstation, or wait to be shut-down automatically.

If the temperature drops after the first warning message, a Temperature OK! prompt is displayed and you can resume working normally.