



# Technical Bulletin

**Subject:** CMOS Settings

**Scope:** Award Modular BIOS V4.51PG  
75MHz CPU VT-501 Mainboard

## CMOS Setup

A setup program, built into the system BIOS, is stored in the Mainboard's battery backed CMOS RAM. This setup utility allows changes to the Mainboard configuration settings. It is executed when:

- The user changes system configuration.
- The user changes the backup battery.
- The system detects a configuration error and prompts the user to run the setup program.
- It is run manually by the user.

**Warning: Changes to the BIOS settings can severely affect the Black Widow's performance! Refer to the Main Board Manual shipped with each machine to familiarize yourself with the use of the setup utility before attempting any changes. If in doubt about how to proceed, contact Arachnid Technical Support for assistance.**

To manually run the setup utility:

- Turn off the machine.
- Connect a keyboard to the CPU.
- Turn the machine on and press the "DEL" or "Delete" key when prompted on the screen.

To reconfigure the machine's bios use the following procedure:

1. From the CMOS Setup Utility main menu use the arrow keys to select **LOAD BIOS DEFAULTS** and press ENTER

2. Select **LOAD SETUP DEFAULTS** and press ENTER.  
At this point all BIOS setting are at factory defaults. Make the following changes to individual default settings.

## STANDARD CMOS SETUP

Set the date and time.

HARD DISKS:	TYPE	MODE
Primary Master	Auto	Auto
Primary Slave	None	-----
Secondary Master	Auto	-----
Secondary Slave	None	-----

Drive A : None  
Drive B : None

Video : EGA/VGA  
Halt On : No Errors

Press ESC to return to the main menu

## BIOS FEATURES SETUP

Swap Floppy Drive : Disabled  
Boot Up Floppy Seek : Disabled

Press ESC to return to the main menu

## INTEGRATED PERIPHERALS

Onboard FDD Controller : Disabled  
Onboard Serial Port1 : 3F8/IRQ4  
Onboard Serial Port2 : 3E8/IRQ4  
Onboard Parallel Port : 378H/IRQ7  
Onboard Parallel Mode : EPP  
Parallel Port EPP Type : EPP1.9

Press ESC to return to the main menu

3. Press F10 (At the prompt press Y then ENTER to save and exit the setup utility.)