

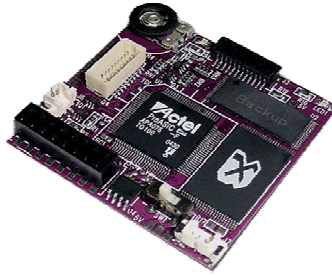


Xecuter 3 1959 Bios **Complete Manual**



[For Xbox Versions 1.0 to 1.6]

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<http://www.x3biosguide.tk>

Version 1.0 Released 12-02-05

-- WARNING --

Using the X3_1959.bin (1.0-1.5) bios on your 1.6 Xbox will
KILL your Xbox.

Using the X3_1959_v16.bin (1.6) bios on your 1.0 to 1.5 Xbox
will KILL your Xbox.

**THE AUTHOR HOLDS NO RESPONSIBILITY FOR
ANY DAMAGE THAT MAY OCCUR**

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Starting X3 Config Live!

Usually when an X3 Chip is first installed and flashed the X3 Config Live! OS will automatically load on boot. If this is not the case, hold down the White button on your controller whilst booting.

If the X3 Config Live! is not showing up for you try holding the White button just before the Xecuter3 Logo appears (in place of the Microsoft logo) on boot [shown below]. If problems still persist, try running an Xbox game or application, then reboot and try the method above.





After booting into X3 Config Live! the main menu of will be displayed on your screen. This menu will be your navigation menu for editing any of the powerful bios features. It presents itself as shown above.

To navigate through X3 Config Live! use [A] to accept and [B] to return.

Using “Reboot To Dash” :

If you have the X3 Config Live! set to auto-boot when the Xbox is powered on. You will then need to hit this menu item to load your dashboard. If the X3 Config Live! isn't set to auto-boot but you accessed the menu by holding down the white button, and wish to go to your dashboard, you can also press this menu item.

Using “Cold Reboot” :

This will do exactly the same thing as manually turning off the Xbox, followed by turning back on and starting from the xbox flubber screen.

Using “Power Off” :

This function speaks for itself. If you don't wish to get up to turn off the Xbox, then hit this menu item and your Xbox will turn off.

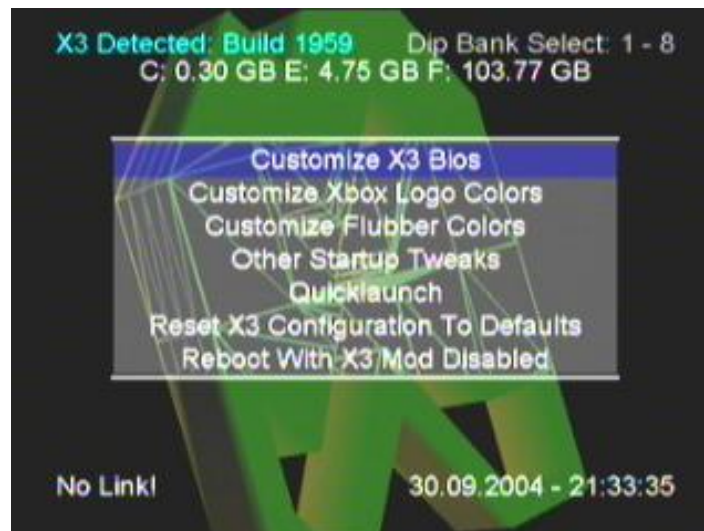
Xecuter3 Config Live! Is the most current and powerful bios currently created at this stage in time. No other bios is capable to perform “on-the-fly” modifications.

Chapter 4

“X3 Config Live”

After selecting “X3 Config Live” from the main menu you will be displayed with a sub menu that handles customization to your X3 Bios, Xbox Logo colors and Flubber Colors. This menu also handles startup tweaking and quicklaunch [which will be explained later].

Below is a picture of the sub-menu that will be displayed:



Reset X3 Configuration To Defaults:

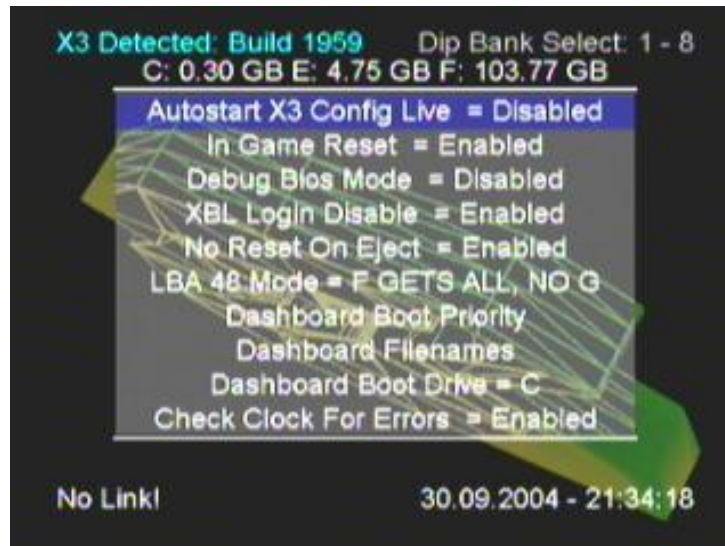
This option will reset all settings to the defaults.

Reboot With X3 Mod Disabled:

This will reboot the Xbox with the X3 disabled. The pro-switch(or standard) will go Red to indicate that the mod is disabled and you are running on the Microsoft standard bios.

4.2

“X3 Config Live: Customize X3 Bios”



Autostart X3 Config Live:

When this is enabled, X3 Config Live! will boot automatically every time your Xbox is switched on. From here you can use the “Reboot to Dash” item to start your dashboard.

In Game Reset [IGR]:

When In Game Reset(IGR) is enabled you can reboot to your dashboard or X3 Config Live!(if its set to auto-boot) when running any game or application. Some dashboards (e.g. EvolutionX) have an inbuilt IGR coded into the dashboard. If you experience problems with IGR there may be a conflict with both the dashboard IGR and the X3 Bios IGR running at the same time. If you should experience this problem, disable the dashboards IGR to solve this problem.

Debug Bios Mode:

If enabled, the X3 Bios will act like a debug BIOS, allowing you to [convert a retail Xbox in to a debug box](#) with no need to run a separate Debug bios.

XBL Login Disable:

As you probably know, XBL (Xbox Live) cannot be used in conjunction with a modified bios. If you try you WILL be BANNED. Luckily this great feature if enabled will not let your Xbox connect to XBL with the X3 running. If this is disabled and you try to access XBL with the X3 running, you WILL BE BANNED.

No Reset On Eject:

With this function enabled the xbox will not reset itself (cold reboot) when the eject button is pressed. This will enabled you to swap discs without restarting.

LBA 48 Mode:

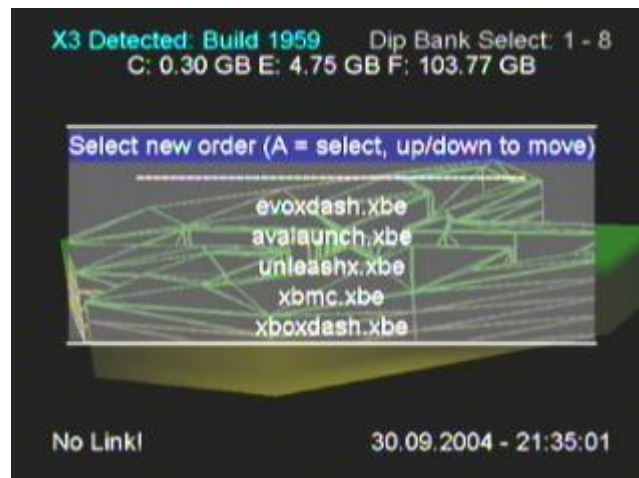
This handles the HHD partitions, the options available are:

- Standard Partitions (Xbox Stock Drive)
- F Drive gets everything – No G Drive
- F Drive up to 137Gb – G Drive gets the rest

The first option is for use with the Xbox hard drive that came factory installed. The second option means that your F drive will get all of the free space and G will have nothing (This option is recommended). The last option means that the first 137gb will be given to F Drive, beyond this any further space will be given to G drive.

Dashboard Boot Priority:

This function will give you the ability to set 5 dashboard filenames in the order of preference. E.g.

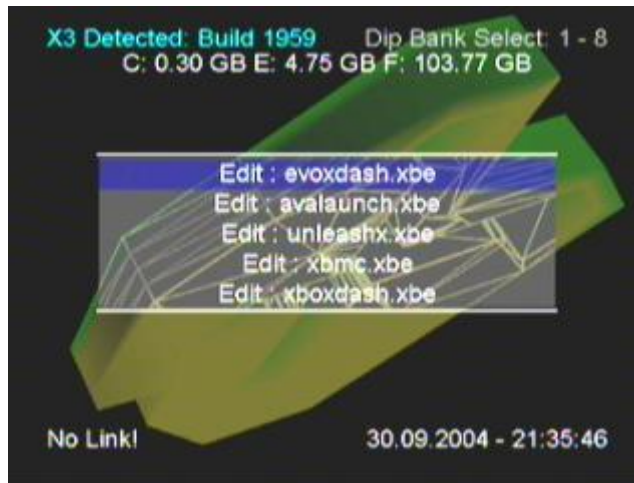


This means that on boot it will try to find and launch the first listed dashboard. If unsuccessful it will move to the next listed dashboard and so on..

Dashboard Filenames:

Using this option will allow you to set 5 dashboard filenames to be used in the “Dashboard Boot Priority” function.

E.g.



Dashboard Boot Drive:

This will allow you to set the drive that you have your dashboard files located on so that the bios knows where to boot the dashboard from.

Check Clock For Errors:

Sometimes with running different applications and using different eeproms you can experience problems with the clock. The X3 is ready to fix the clock whenever an error is detected when this is enabled.

4.3

“X3 Config Live: Customize Xbox Logo Colors”

This feature enables you to change the Xbox Logo colors that appear on boot after the flubber animation has played. Currently the X3 Bios is the only bios that has the ability to change the colors “on-the-fly”.

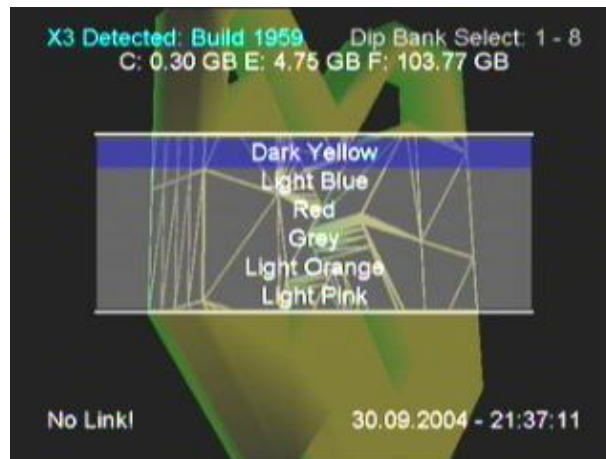
You will be displayed with a menu as shown below:



Each of the options are to change the color of a certain part of the Xbox Logo screen. These colors are in HEX format. Go to <http://www.x3biosguide.tk> and use the “Color Selector” to generate the HEX color codes.

Display Color Presets:

The X3 bios comes with some color schemes preset, by selecting this option you can choose one of the following:



Below are previews of each preset:

Dark Yellow:



Light Blue:



Red:



Grey:



Light Orange:



Light Pink:



If you want to revert back to the factory default colors, use the “Reset Colors to Original” option.

4.4

“X3 Config Live: Customize Flubber Colors”

This feature enables you to change the Flubber colors that appear on boot. Currently the X3 Bios is the only bios that has the ability to change the colors “on-the-fly”.

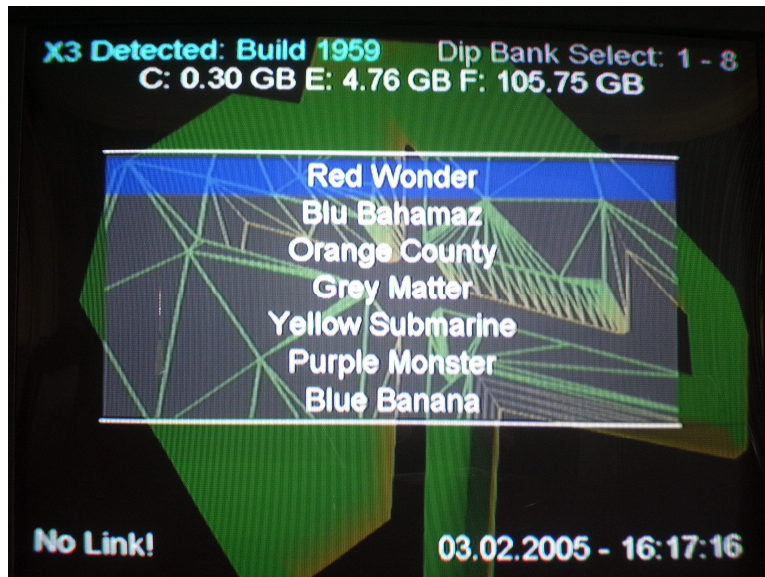
You will be displayed with a menu as shown below:



Each of the options are to change the color of a certain part of the Flubber animation screen. These colors are in HEX format. Go to <http://www.x3biosguide.tk> and use the “Color Selector” to generate the HEX color codes.

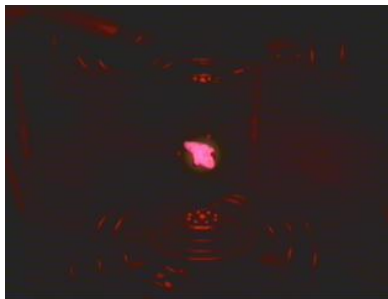
Display Color Presets:

The X3 bios comes with some color schemes preset, by selecting this option you can choose one of the following:



Below are previews of each preset:

Red Wonder:



Blu Bahamaz:



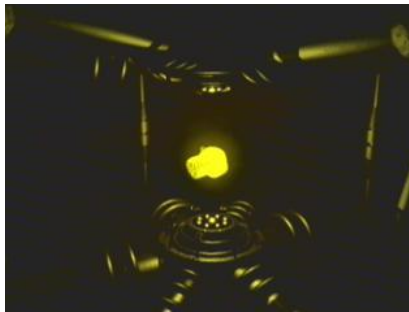
Orange County:



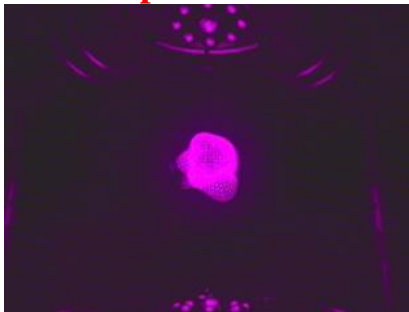
Grey Matter:



Yellow Submarine:



Purple Monster:



Blue Banana:



If you want to revert back to the factory default colors, use the “Reset Colors to Original” option.

4.5

“X3 Config Live: Other Startup Tweaks”

This menu will give your Xbox style and class. You are able to control the startup (Flubber) animation, the Xbox LED color, whether or not the TM logos are displayed with the Xbox Logo, and whether you wish the Flubber to be in wire frame mode.



Xbox Startup Animation:

If this is enabled the flubber animation will be played on boot. If you wish to load up the Xbox quickly, disable this option and you will skip the flubber animation.

Flubber Random Animation:

This will decide whether or not the flubber animation varies on boot(if flubber is enabled). If set to disabled, the flubber animation that is set in the “Flubber Animation Number” will be played.

Flubber Animation Number:

This will allow you to choose which flubber animation is to be played on boot providing the “Flubber Random Animation” is set to disabled and the “Xbox Startup Animation” is set to enabled. There are 15 animations that range from 0 – 14.

Wire frame Flubber:

If enabled your flubber will be exactly as the name suggests. A wire frame!

LED Color:

This will allow you to choose which L.E.D(Light Emitting Diode) color will be showing on the front of your Xbox surrounding the eject button. You can choose from:

- Red
- Green
- Orange
- Cycle [Flashes through all colors continuously]

Display TM Logos:

If disabled you will not have any TM logos displayed on your Xbox startup logo.

4.6

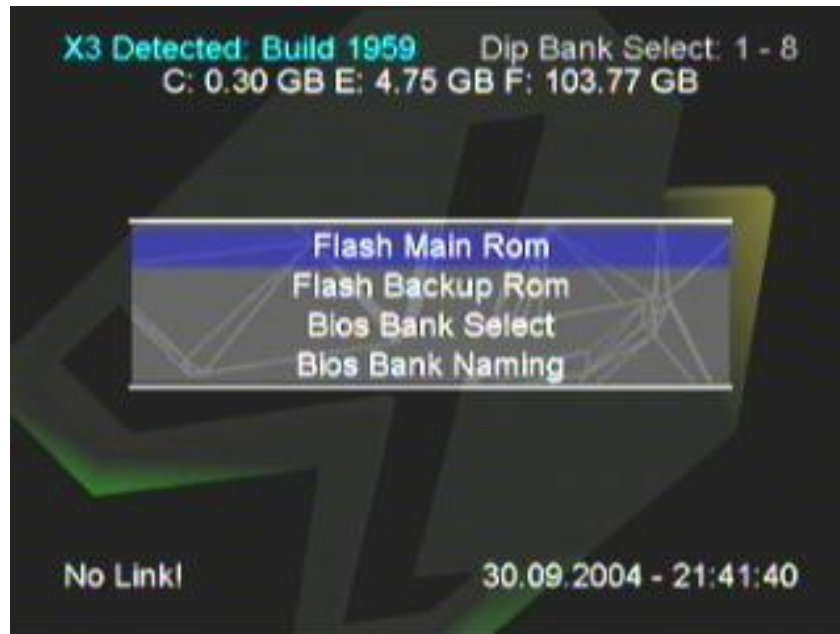
“X3 Config Live: Quicklaunch”

Quicklaunch gives you the option to have the Bios boot a different dashboard on the same or on a different drive than the usual option. You can set the “Path:” and the “Drive:” in the menu, to use quicklaunch. Hold a trigger on boot.



Chapter 5

“Bios Tools”



In the “Bios Tools” menu, you can Flash the Main Rom and the Backup Rom. You can select which Bios Bank to run from and name each bank.

Explaining the X3 2MB Bios Banks:

The Xecuter3 has 8 banks, each consisting of 256k of storage.

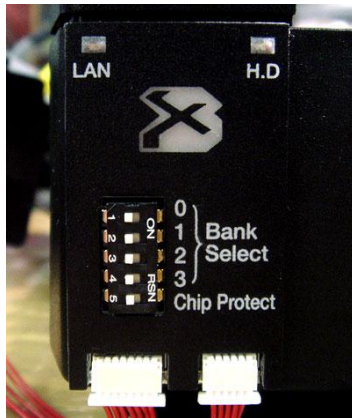
Bank 1	Bank 2	Bank 3	Bank 4	Bank 5	Bank 6	Bank 7	Bank 8
256k	256k	256k	256k	256k	256k	256k	256k

$256k + 256k + 256k + 256k + 256k + 256k + 256k + 256k$
Total = 2MB [2048kb]

The X3 1959 Bios (a.k.a X3_1959.bin / X3_1959_v16.bin) is a 1MB Bios. Therefore Banks 1+2+3+4 will be used to hold the X3 Bios. As $256k + 256k + 256k + 256k = 1MB$ [1024kb]

Using the Pro-Switch/Standard Switch to choose Bios bank:

On the pro switch you will have 4 circular buttons which are used to select the bios bank. On the normal switch you will have a chip which appears like the one pictured below (left):

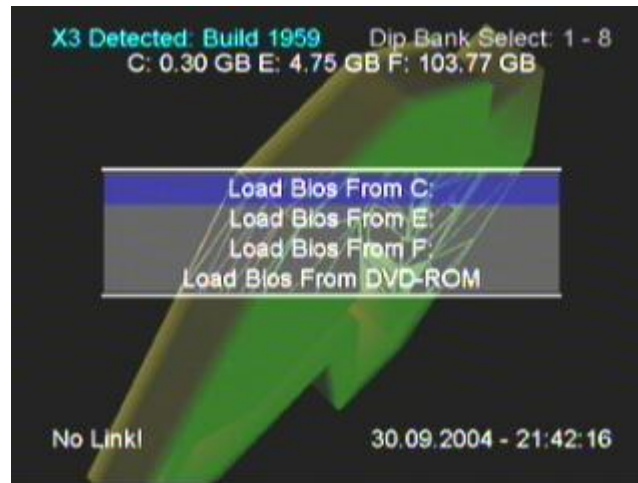


Below is a table that displays the switch settings for each bank.

Memory Bank	Size	Switch Combination
Bank 1	256k	on on on on
Bank 2	256k	off on on on
Bank 3	256k	on off on on
Bank 4	256k	off off on on
Bank 5	256k	on on off on
Bank 6	256k	off on off on
Bank 7	256k	on off off on
Bank 8	256k	off off off on
Bank 1 + 2	512k	on on on off
Bank 3 + 4	512k	off on on off
Bank 5 + 6	512k	on off on off
Bank 7 + 8	512k	off off on off
Bank 1 + 2 + 3 + 4	1MB	on on off off
Bank 5 + 6 + 7 + 8	1MB	off on off off
Bank 1+2+3+4+5+6+7+8	2MB	off off off off

Flash Main Rom:

After hitting the “Flash Main Rom” button you will be displayed with a menu that appears like this:



In this menu you choose the location of the bios. You are able to FTP into the Xbox whilst X3 Config Live! is running, and upload the desired bios (Refer to X3 FTP Support). You are also able to burn a bios to a DVD-R disc and flash from that. After selecting the location of the bios, X3 Config Live! will analyze the size of the bios and display options as to which banks it can be flashed too. E.g. If you flashed the X3_1959.bin it would ask you to flash to either Banks 1+2+3+4 or 5+6+7+8.

Make sure that the protect switch is in the “OFF” position when attempting to flash the bios. If the protect switch is set to “ON” the flash wont work.

Note: if the protect switch is set to “OFF” and still wont flash, the switch on the actual X3 might be set to protect.

ONLY FLASH WITH A BIOS DESIGNED FOR YOUR VERSION OF XBOX.

WARNING: DO NOT FLASH OVER YOUR X3 BIOS (USUALLY BANKS 1+2+3+4) UNLESS YOU HAVE FLASHBIOS FLASHED ON YOUR BACKUP ROM)

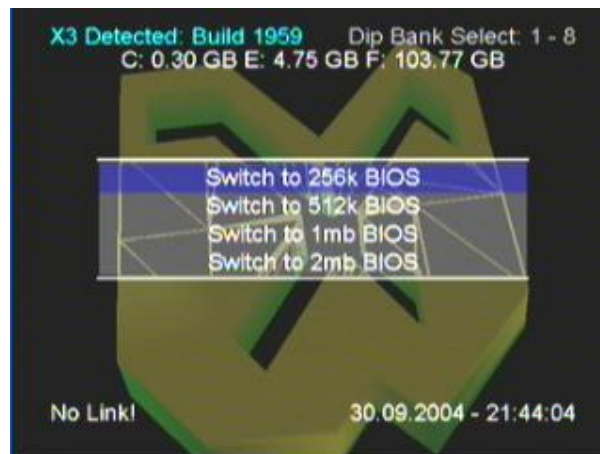
Flash Backup Rom:

A great feature of the X3 is that it has a 256k backup bank. This 256k bank is designed to hold the 256k Cromwell FlashBIOS software. Therefore if anything goes wrong with your main bios, you can start from your backup bios by turning on your Xbox by pressing both Eject and Power at the same time. With the 256k Cromwell FlashBIOS stored on your backup bank you are able to re-flash your main bios.

NOTE: IT IS HIGHLY RECOMMEND THAT YOU FLASH YOUR BACKUP ROM WITH CROMWELL FLASHBIOS IF YOU PLAN ON PLAYING WITH MULTIPLE BIOS'S

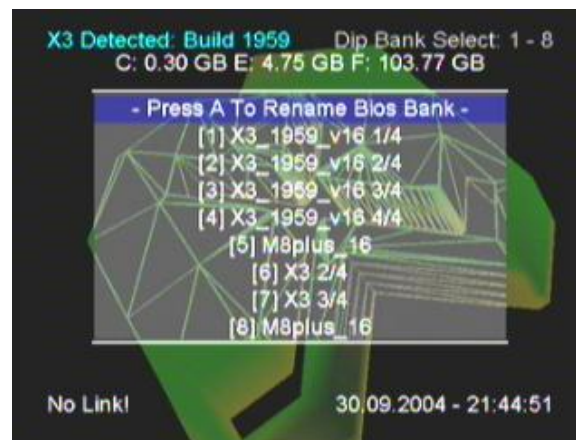
Bios Bank Select:

This option can change what bios bank you want to use.



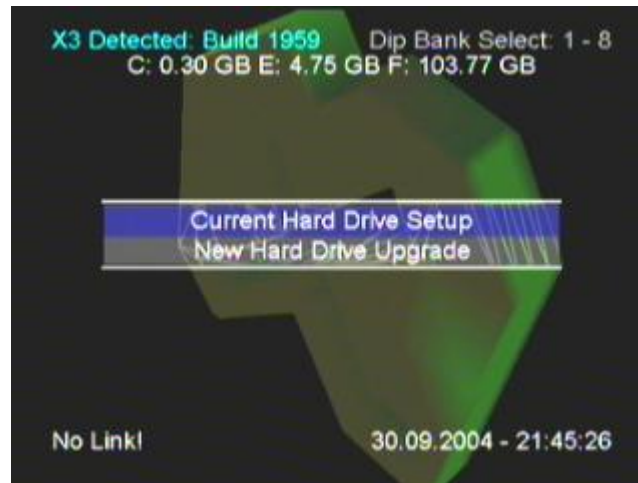
Bios Bank Naming:

This lets you name all 8 bios banks to make it easy to manage multiple bios. When you flash the bios it should automatically name itself according to the name of the bios being flashed.



Chapter 6

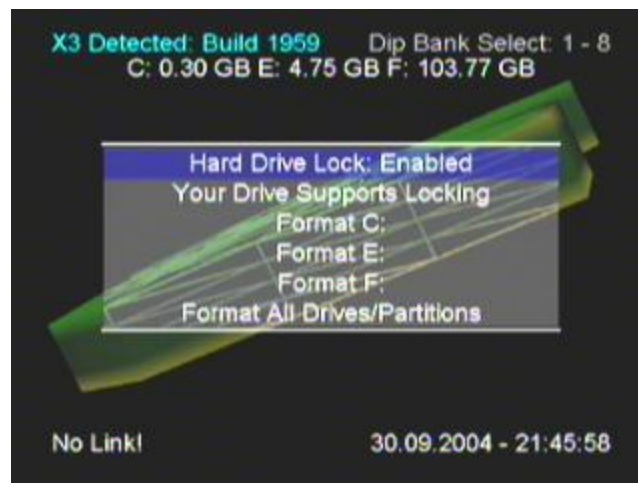
“Disk Tools”



Another powerful feature of the Xecuter3 Bios and X3 Config Live! is that it allows you to simply plug in a new HHD and it can prepare the drive for you. Or you can manage the current HHD, including formatting, locking and unlocking.

Current Hard Drive Setup:

This menu gives you control over your current HDD. You are able to Lock/Unlock the HDD and format all or certain drives.



New Hard Drive Setup:

Another brilliant part of the X3 bios is its ability to partition and configure a brand new hard drive. If you plan on putting a new HHD into your Xbox, use this feature to set it up.

Chapter 7

“EEprom Tools”

WARNING: BACKUP YOUR EEPROM FIRST. THE XBOX EEPROM CONTAINS YOUR SERIAL NUMBER/ONLINE KEY/HDD ENCRYPTION KEY/HDD UNIQUE KEY/VIDEO REGION AND OTHER IMPORTANT SETTINGS. IF YOU FLASH A NEW EEPROM TO YOUR XBOX WITHOUT UNLOCKING YOUR HDD OR HAVING A BACKUP OF YOUR CURRENT EEPROM YOUR HDD WILL BE RENDERED USELESS.



EEprom Backup Info:

This screen will display the date and time of your EEPROM Backup on your X3. **NOTE:** Your EEPROM will automatically be backed up to the chip on installation of the chip itself.

Save Xbox EEPROM to X3:

Use this to backup your EEPROM to the X3. This will have automatically happened when the X3 was first installed.

Restore Xbox EEPROM From X3:

This will restore the backed up EEPROM from the X3 to the EEPROM chip itself.

Restoring your EEprom from a PC:

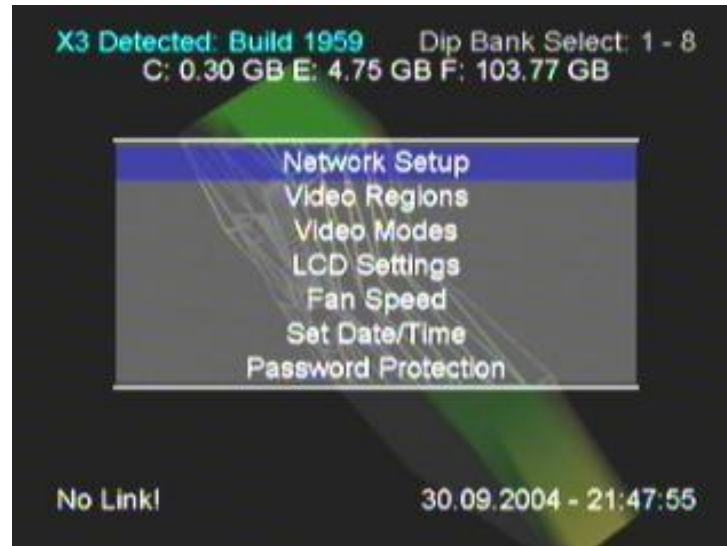
Ftp in to X3 Config Live! with the username of “x3” and the password of “x3” (without the quotes). Navigate to the Admin directory, then to EEprom, then upload your eeprom.bin

NOTE: IF YOU ARE FLASHING WITH AN EEPROM WHICH DIFFERS FROM THE ONE YOU ARE CURRENTLY USING, UNLOCK THE HDD FIRST.

Chapter 8

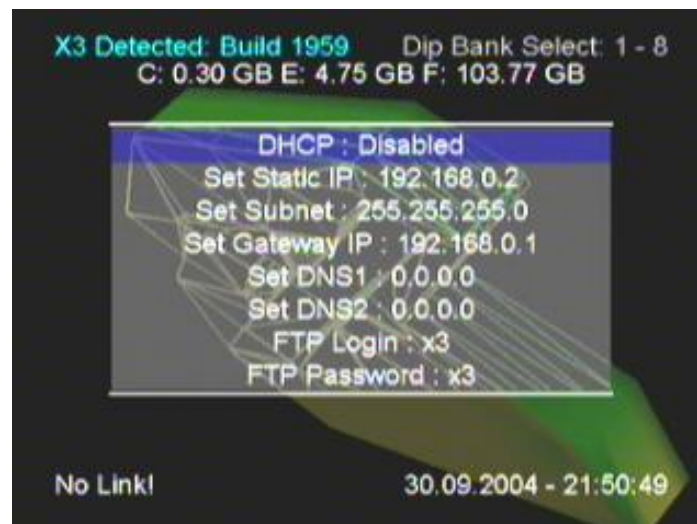
“Settings”

The settings menu is in place for managing the network, video, LCD, fan, date and password protection settings. The settings main menu will appear as shown below:



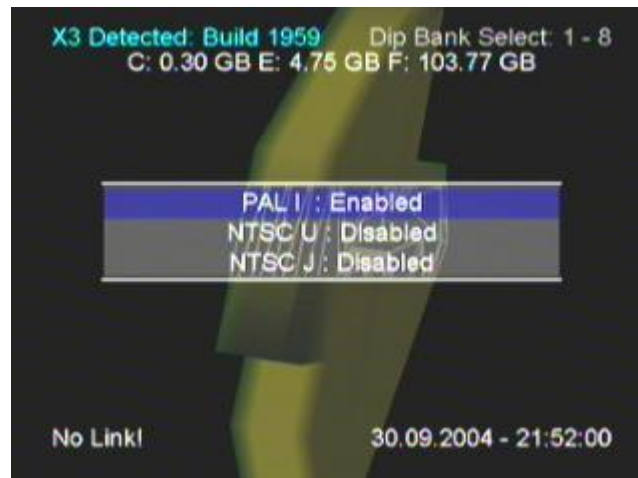
Network Setup:

The network setup menu gives the ability to set a Static IP, a Static Subnet, Gateway and DNS. You may also set the FTP login details for X3 Config Live! The network setup menu will appear as shown below:



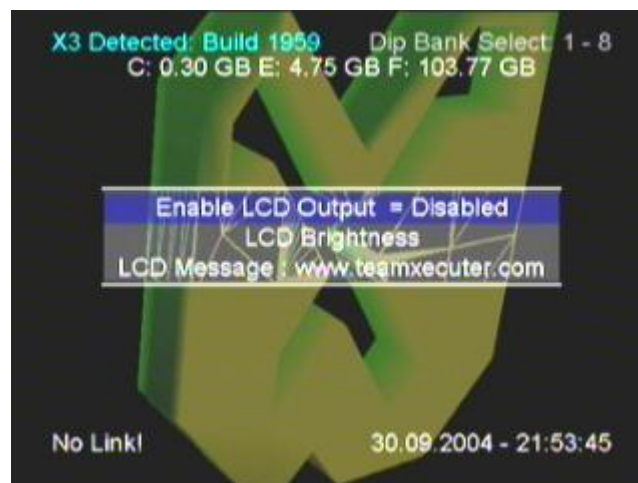
Video Regions:

Changing your video region can cause problems. Only change the mode if you really need to.



LCD Settings:

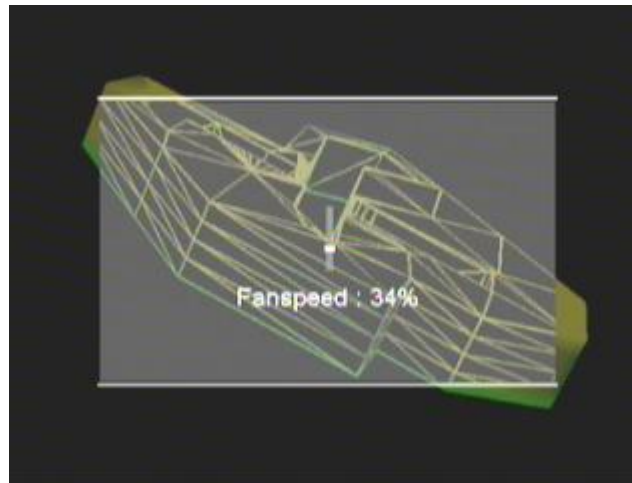
This menu is self explanatory. You can enable/disable the LCD Output, change the brightness and set a custom LCD message.



Fan Speed:

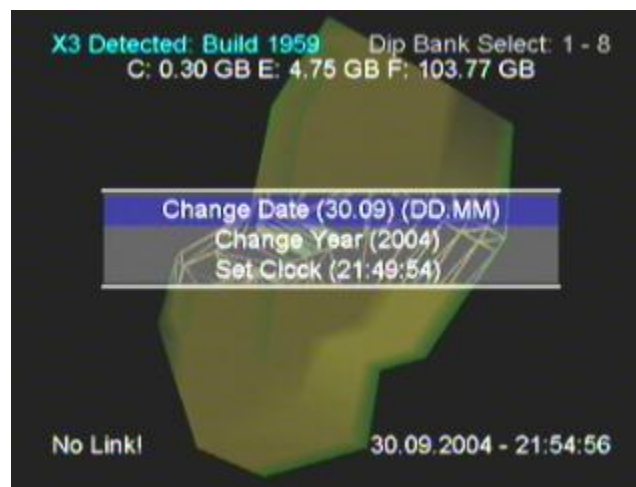
The fan speed can be set from 20% to 100%

The higher the fan speed the louder sound it makes but the cooling increases. (Recommended to be set on 35%)



Set Date/Time:

This is another self explanatory menu which enables you to set the date, year and time in this menu.



Password Protection:

This is a very useful feature to prevent unauthorized usage of the X31959 bios. In this menu you can set a password. After setting a password you will be prompted on boot to enter the password to continue.



Chapter 9

“Hardware Info”

The hardware information menu is purely informational as there are no settings that can be changed in this section of the bios. This will display all the information about your Xbox, including HDD keys, XBL keys, Partition table and X3 information. If you would like to save all this information to file use the “Create E:\x3data.txt With System Info” option and download the file to your pc.



X3 Info:

This part of Hardware Info will display the X3 Config Live build number and the X3 kernel version. E.g.



Xbox Info:

This displays the Xbox version, video encoder, serial number, SMC version, MPC version, GPU version, memory installed (ram) and where your Xbox was manufactured. E.g.



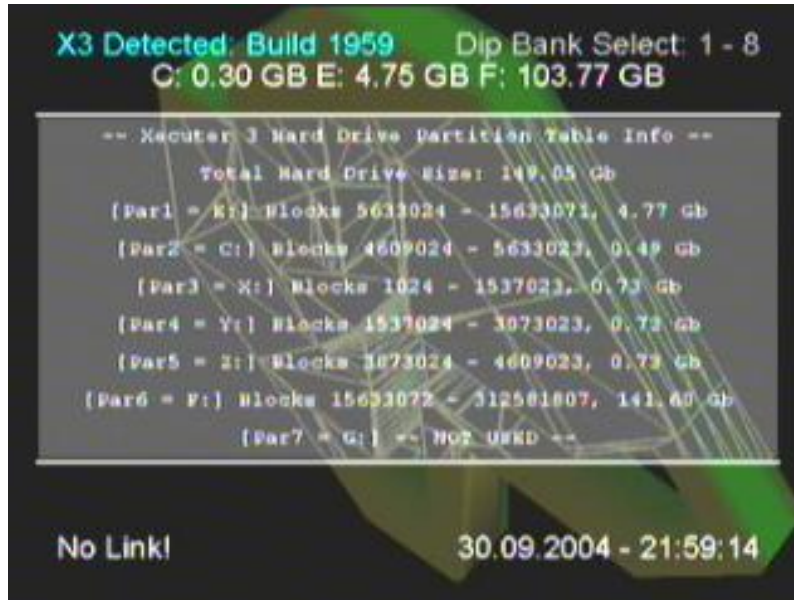
Hard drive Info:

Displays your HDD model, serial, capacity, whether or not your drive is locked and if it supports locking. This section also displays your hard drives lock key. E.g.



Partition Table Information:

This displays a neat table that shows you each partition, how many blocks and space the certain partition has been allowed. E.g.



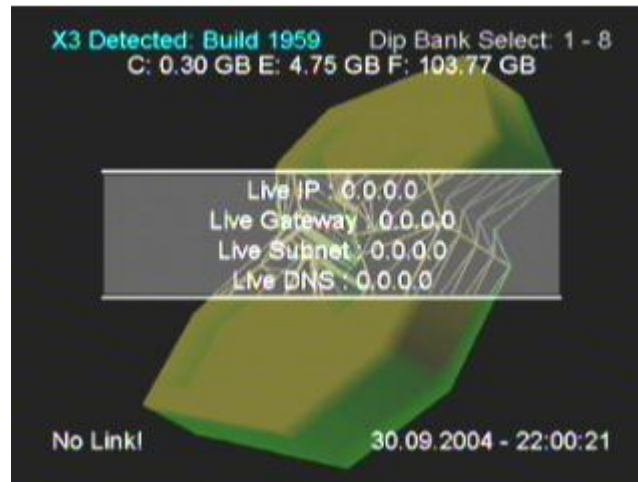
DVD Rom Info:

This displays the model of your DVD drive and the firmware version. E.g.



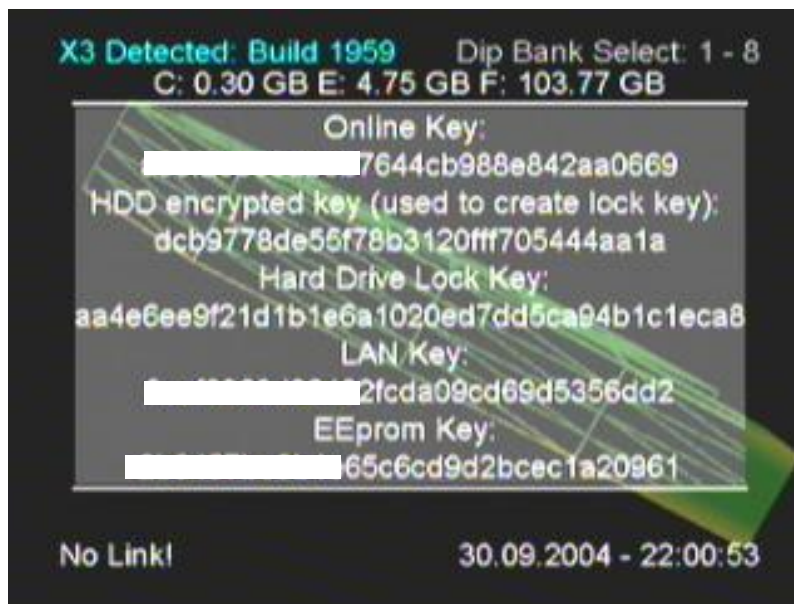
Xbox Live Settings:

Xbox live settings displays your Live IP, Gateway, Subnet and DNS.



Encryption Keys:

This displays very important data which is highly recommended to be backed up. This part of X3 Config Live! will display your online key, hard drive lock key, the hard drive encrypted key(used to generate lock keys), your LAN key and your precious EEprom key. E.g.



Chapter 10

“X3 Config Live FTP Support”

An FTP server has been inbuilt into the X3 Config Live! OS and the login information is by default:

Username: x3

Password: x3

The login can be changed in the Network Settings under “Settings.”

Once you have successfully logged into the X3 FTP, you will be able to navigate around your Xbox HDD partitions.

You will also notice a folder called “Admin” which will contain 2 folders, one for Bios Banks and one for EEprom. This is for re flashing the EEprom or Bios through FTP.

Chapter 11

“Changing X3 Startup Logo”

With the Xeceuter3 1959 bios you can change the usual “Xecuter Rox My Box” logo with your own customized logo. To change this logo to one of your own choice place x3logo.bmp in the Xbox E: drive. Make sure that the file is:

Dimensions: 180 x 50 pixels

Format: 24 bit / 256 colors

Translucent Color: FF00FF



Chapter 12:

“Making A Backup”

Before playing around with the many features the X3 bios has to offer, It is HIGHLY RECOMMENDED that you make a backup and store it somewhere safe or on some media.

To make a backup, start into X3 Config Live, navigate to “Hardware Info” then choose “Create E:\x3data.txt”. Next connect up to X3 Config Live using FTP. Once connected COPY the following folders:

[Admin]

[C:]

[E:]

Store those in a safe place, your EEprom is located in the [Admin] folder and your Xbox information will be located in the [E:] folder under x3data.txt