Using the
Xenium-OS
V1.1

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Please Note: Screenshots may vary for V1.4/V1.5 console owners due to limited Focus chipset support in Xenium-OS.

Navigating the Xenium-OS

Navigating the Xenium-OS can be done by using either a controller or by using an IR remote control. The following tables show the functions of the controller and remote control's buttons.

Basic Menu Navigation.

Function	Controller	IR Remote Control
Move Up	D-Pad UP	UP Arrow
Move Down	D-Pad Down	Down Arrow
Move Left	D-Pad Left	Left Arrow
Move Right	D-Pad Right	Right Arrow
Select	A Button	Select Button
Previous Menu	B Button	Back Button

QuickStart Buttons.

Function	Controller	IR Remote Control
Quick Start	A Button	1 Button
Quick Start	B Button	2 Button
Quick Start	C Button	3 Button
Quick Start	D Button	4 Button
Linux	Black Button	0 Button
Main Menu	White Button	Menu Button

Xenium-OS Main Menu

The Xenium-OS Main Menu as shown in the picture below allows you to select a Bios bank to start, Reboot or Shutdown your console as well as entering the Configuration Menu to setup your Xenium.


The highlighted menu item is displayed in blue and can be changed by using the directional pad on your controller. A menu item can be selected by pressing the Ⓐ button on your controller, pressing the Ⓑ button will return to the previous menu.

The number of Bios Banks displayed in this menu may vary depending on the Bank Mode configuration of your Xenium. Bank names can be customized by using the Xenium's Autonaming feature or the on-screen keyboard.

Xenium-OS Configuration Menu

The Xenium-OS Configuration Menu as shown below allows you to customize the operation of your Xenium.
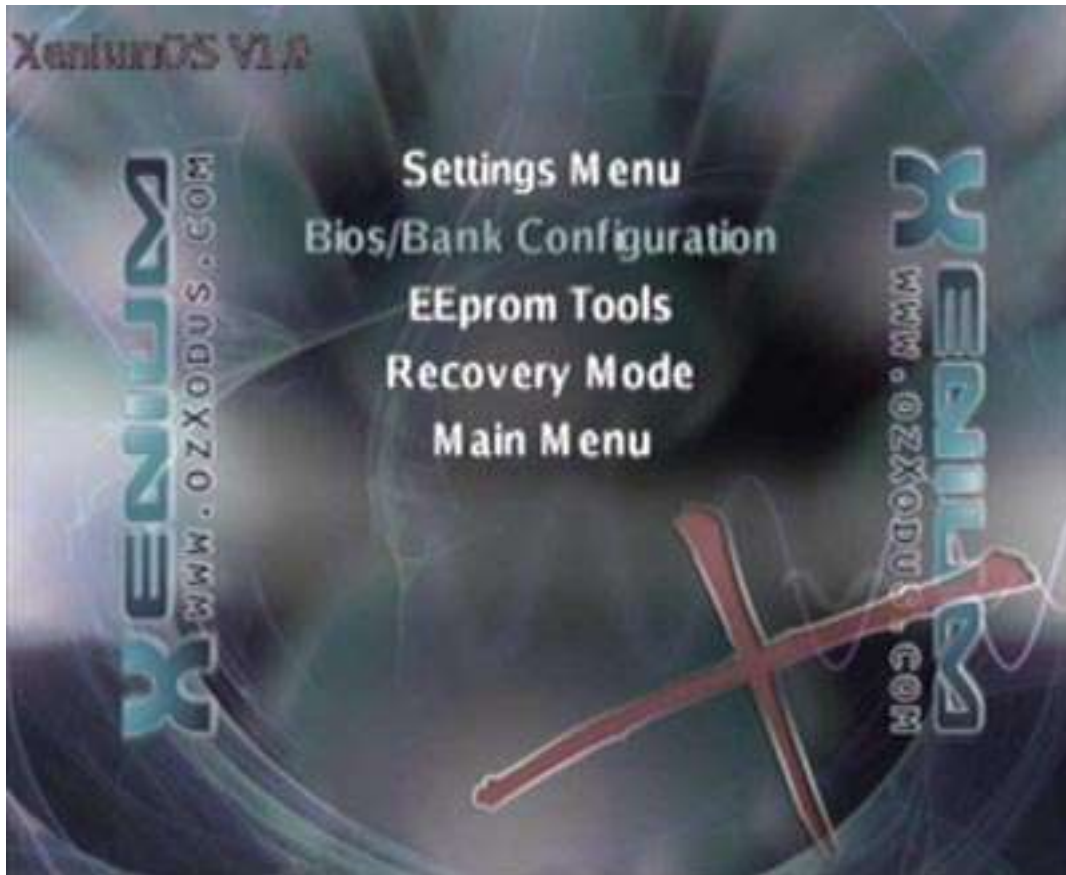
The Configuration Menu offers the following selections:

- *Settings Menu* – This menu allows you to configure the start-up method of your Xenium.

- *Bios/Bank Configuration* – Select this item to change your Xenium's bank mode configuration, to flash a bios onto your Xenium, to rename your bios banks or to assign Quick Start buttons.

- *EEprom Tools* – You can configure your console's video, gaming and DVD regions as well as backing up and restoring your EEprom from this menu.

- *Recovery Mode* – You can repair or upgrade your Xenium-OS by selecting this menu item.

Configuring your Bios Banks

Part 1: Selecting the Xenium's Bank Mode configuration.

By selecting the *Configuration* option from the Main Menu followed by the *Bios/Bank Configuration* item you are able to setup the Xenium's bios banks.

The Xenium is compatible with 256k, 512k and 1Mb bioses in the following combinations:

- ■   1 x 1Mb
- ■   2 x 512k
- ■   2 x 256k & 1 x 512k
- ■   4 x 256k

By selecting the *Bank Modes* menu item you can control the bank partitioning of your Xenium, simply highlight the bank configuration you require and press the Ⓐ button on your controller. The following picture shows the options that are available for selection.

When you have selected your desired bank mode your console's Power LED and the Xenium's Status LED will change to RED to indicate that the configuration is being saved (do not interfere with your console during this process).
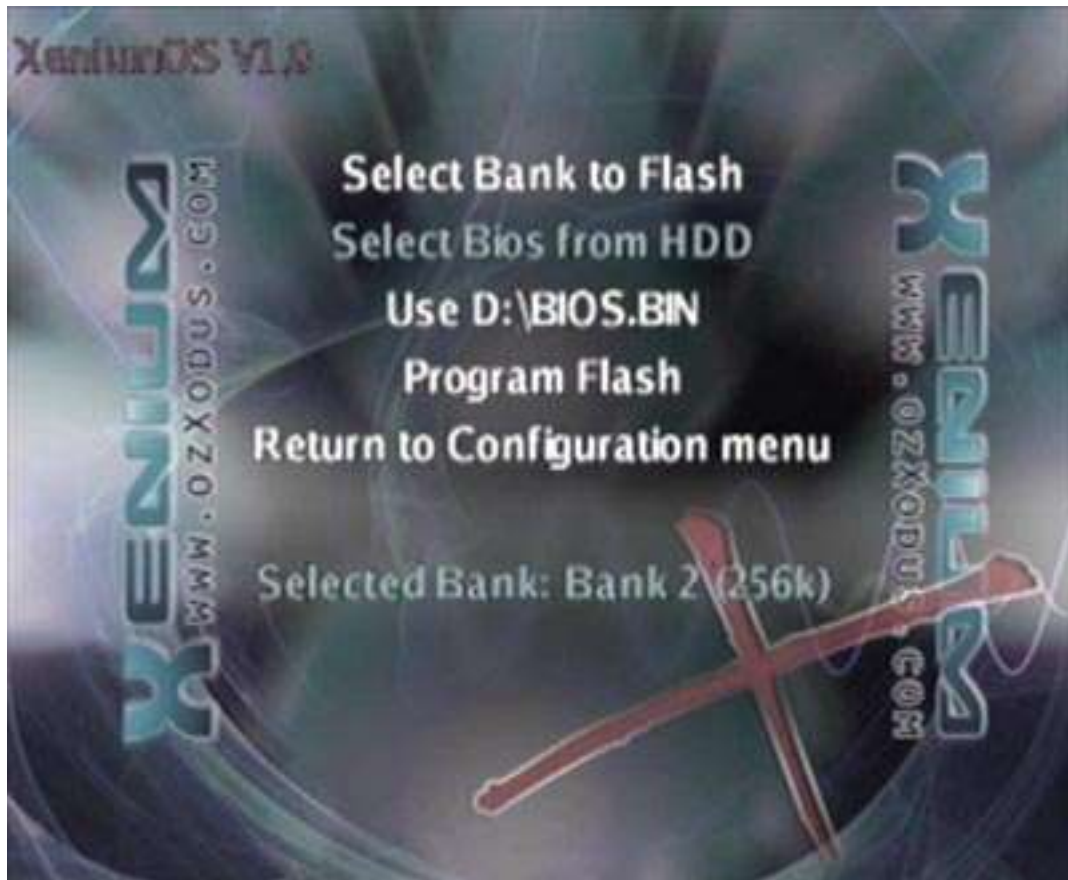
Please Note: Changing Bank modes will reset your Bank names to their default values.
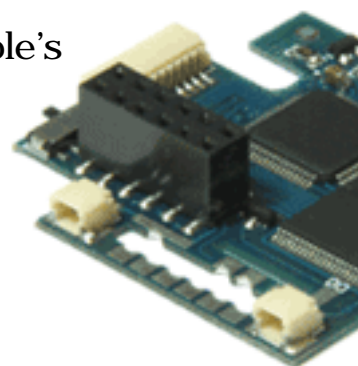
Part 2: Flashing the Xenium's Bios Banks.

To program your Xenium's Bios Banks firstly select the *Flash Bios* option from within the *Bios/Bank Configuration Menu*.

The following screen is then displayed:

By selecting the *Select the Bank to Flash* option a list of available bios banks and their sizes will be displayed as shown in the example below.

Once a bios bank has been selected you will return to the *Flash Bios* menu and your selected bank will now be shown below the menu items.

To flash your Xenium with a bios file that is stored on your console's hard disk, use the *Select Bios from HDD* option and you will be able to navigate your console's C: using the file browser within the Xenium-OS.

The *Use D:\BIOS.BIN* option in the *Flash Bios* menu allows you to program your Xenium with a bios file contained on CD. Before selecting this option eject your console's CD tray, insert a CD containing a bios file called BIOS.BIN and then close the CD tray.

If a selected bios file is too large for the bank or the BIOS.BIN file cannot be found on the CD the Xenium-OS will display an informative error message.

Bios files are automatically mirrored by the Xenium-OS when the selected file is smaller than the destination bank's size.
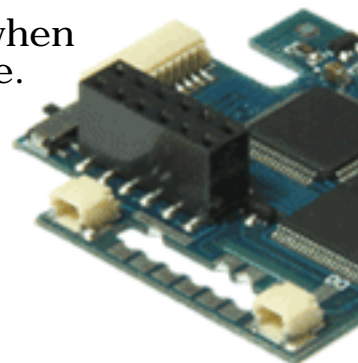
To program the selected bios onto the Xenium's bios bank simply select the *Program Flash* option.

Whilst the bank is being programmed your console's Power LED and the Xenium's Status LED will change to RED to indicate that flashing is in progress (do not interfere with your console during this process).

Once the Flashing process is complete the Xenium will attempt to detect the name of the bios that was just flashed. To accept the detected name press the (A) button or (B) to continue searching.

Detected: EvoX M7
Press A to use this name
Press B to continue searching
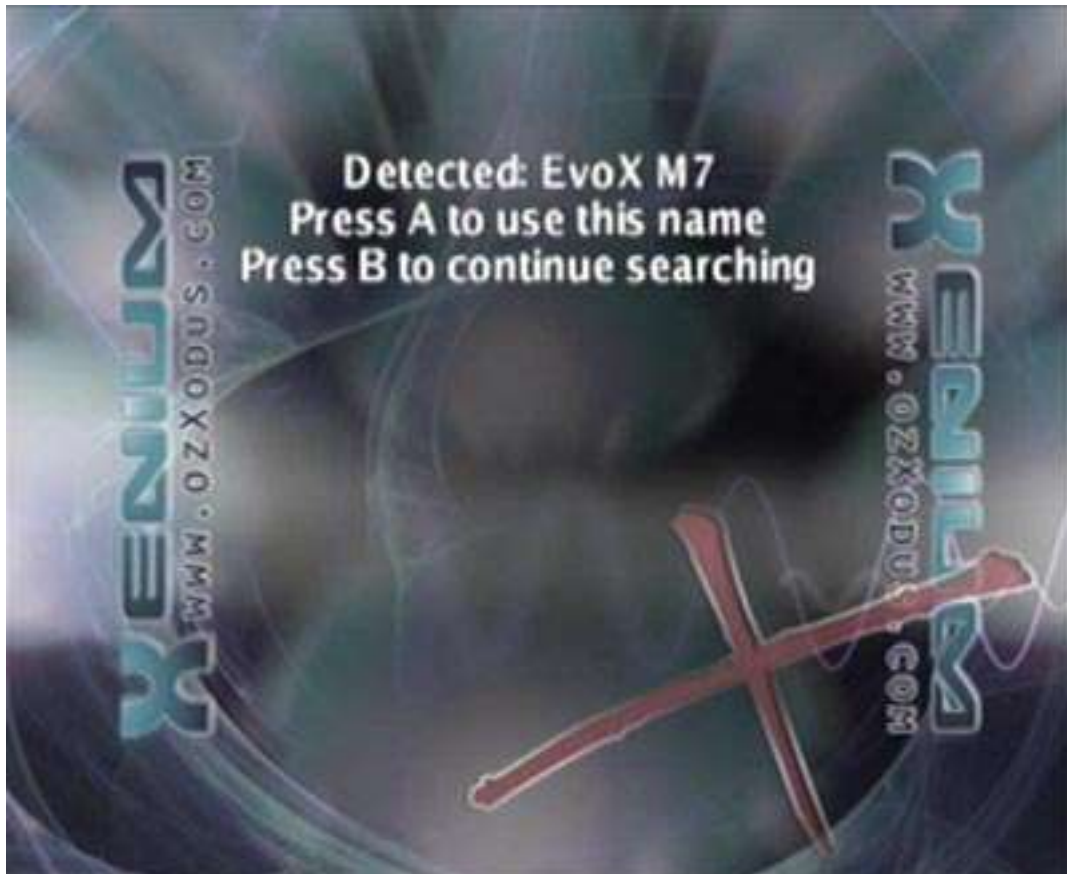
Part 3: Renaming Bios Banks.

By selecting the Bank Names option from the Bios/Bank Configuration menu you can customize the Xenium's bios bank names.

The following menu is then displayed:

Each individual bank can be renamed manually using the onscreen keyboard as shown below or you can select *Autodetect Names* to have the Xenium-OS attempt to detect the bios name.

Part 4: Configuring Quick Start Buttons.

The Xenium-OS can be configured to start-up in either the Main Menu or to a Quick Start mode which allows you to define a default bios and timeout period. By assigning Quick Start buttons you can force your Xenium to boot to a bios bank by pressing a controller button before the specified timeout has been reached.

By selecting the *Assign Quick Start Buttons* option from the *Bios/Bank Configuration* menu you can assign a controller button to one of the Xenium's bios banks or the console's onboard bios (recommended for Xbox Live compatibility).


To assign a button to a bios bank simply highlight the desired controller button and press the (A) button to cycle thru the bank options. Ensure that you select Save *and* exit when you have completed your Quick Start button assignments.

Part 5: Changing LED Colors for Bios Banks.

The Xenium-OS allows you to change the color of the Xenium's LED to indicate which bank has been selected, this feature is also a great way to determine whether your Xenium is enabled when using the Original Bios for XBox Live compatibility. The Xenium's LED can also be turned off.
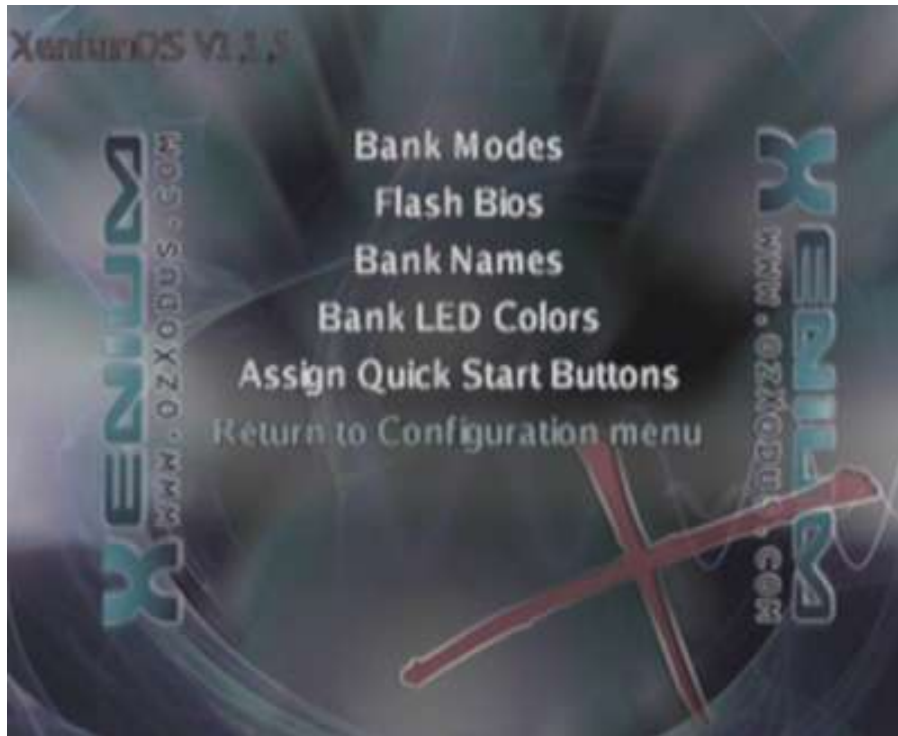
By selecting the *Bank LED Colors* option from the *Bios/Bank Configuration* menu you are able to change the color of the LED for each Bank by firstly selecting the chosen bank from the menu.
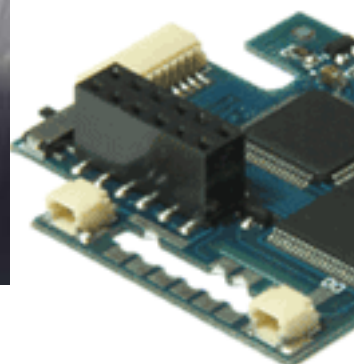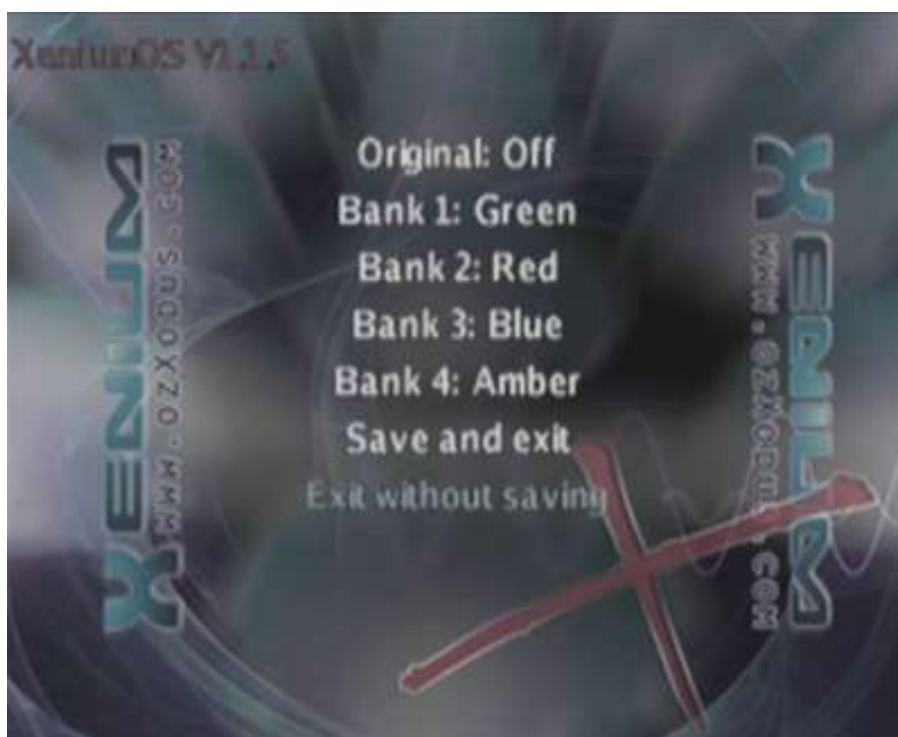
As you highlight each option in the menu the color of the Xenium's LED will change to preview the selected option, when you are happy with your selection press the A button on your controller or *Select* on your IR Remote control to set the banks color.

Your selections will now determine the state of the Xenium's LED when you select a bank from the Main Menu or during the QuickStart mode.

Selecting your Xenium's start-up mode

To cater for both the Rookie and Advanced user the Xenium-OS has been developed with a variety of start-up features including Quick Start mode, Menu mode and Instant Boot.

The Quick Start mode enables you to automatically boot to a bios bank whilst offering a boot timeout of 0 to 30 seconds to allow you time to select an alternative bios to use or to enter the Main Menu of the Xenium-OS before the default bios bank is started.

The Instant Boot option enables you to automatically boot to the default bios by powering on your console with the Power button, when the console is powered on using the Eject button the Xenium-OS is loaded.

Once your Xenium's bios banks have been configured you can configure the *Quick Start* or *Instant Boot* mode by entering the *Settings* menu from within the *Configuration Menu*.

As the picture above shows once the *Quick Start* or *Instant Boot* options are highlighted you can turn the feature On or Off by pressing your controller's Ⓐ button.

Highlighting the *Default Bios* option and cycling thru the available bios banks will select the default bios bank that the Xenium will use if no QuickStart buttons are pressed during start-up.

By setting a *Boot Timeout* you can configure your Xenium to wait between 0 and 30 seconds before starting the console with the default bios when booting. If any Quick Start buttons are pressed during this timeout period another bios bank will instantly boot. If the white button on your controller is pressed you will enter the Main Menu of the Xenium-OS.
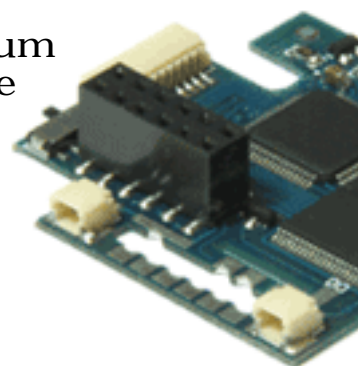
Remember to select the *Save and Exit* option within the Settings Menu to accept your changes.


Using the Quick Start mode

When the Quick Start mode is turned On in the Settings menu, your Xenium will boot to a splash screen and then wait for a controller button to be pressed.

When you are presented with a screen similar to that shown in the picture above the following controller buttons perform these tasks:

- ■   Black = Loads Linux using OzXodus Cromwell.
- ■   White = Enter the Xenium-OS Main Menu.
- ■   A, B, X, Y = Start the console using the bios bank assigned to that controller button. (Configured in *Assign Quick Start Buttons* menu).

If no controller button is pressed during the *Boot Timeout* period defined in the *Settings* Menu the Xenium will start the default bios.
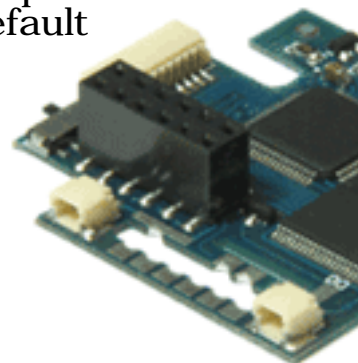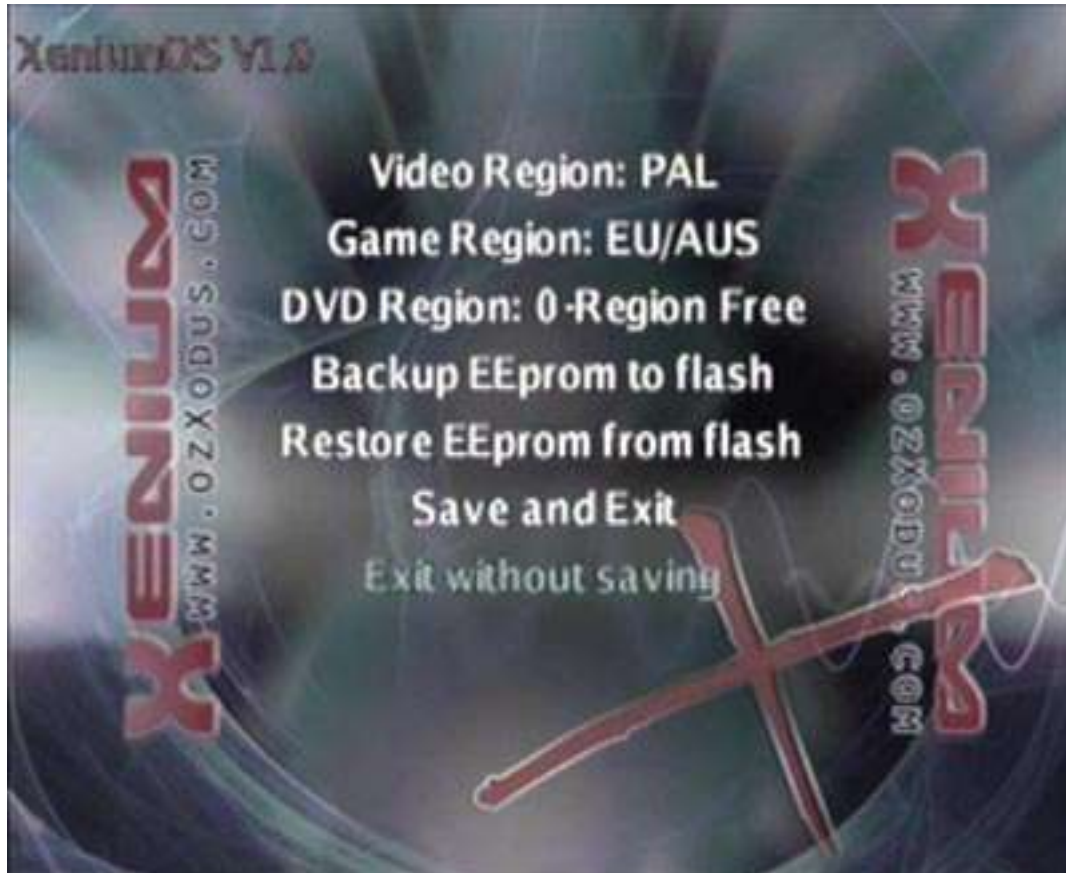
EEprom Tools

The Xenium-OS includes an *EEprom Tools* menu that is available by selecting the *Configuration* option from the Xenium-OS Main Menu.

> WARNING: Incorrect use of the EEprom Tools
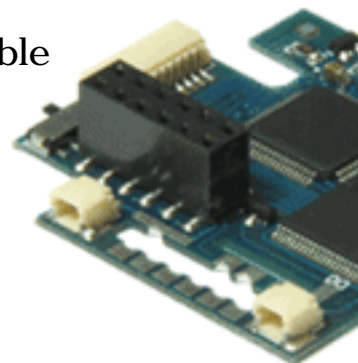> may damage your console.

A range of EEprom editing tools can be used to change your console's Video, Game and DVD Regions.

By highlighting the *Video Region* and pressing the Ⓐ button on your controller you can switch your console's video mode between NTSC or PAL.

To set your console's gaming region to North America, Japan or EU/AUS simply cycle thru the available options when *Game Region* is highlighted.

The *DVD Region* setting for your console is also configurable with 9 available options.

The facility to Backup and Restore your EEprom is available in the EEprom Tools menu. The Xenium-OS is capable of booting even with a damaged EEprom.

Disk Tools

The Xenium-OS includes a *Disk Tools* menu that is available by selecting the *Configuration* option from the Xenium-OS Main Menu.

WARNING: Incorrect use of the Disk Tools may damage your console.

The screenshot above displays the options available in the *Disk Tools* menu. The following is a brief description of each option:

• Drive Info - Reports HDD model, capacity and lock status as well as DVD-Rom model.

• Lock/Unlock Hard Disk – Depending on the current state of your console's hard disk either an option to Lock or Unlock your HDD will be available.

• Smart Drive Upgrade - Upgrade your HDD within Xenium-OS by replacing your DVD-Rom with a new HDD set as Slave for the duration of the cloning process. (Works with HDD < 137Gb).

• Copy Partitions - Copy a HDD's partition to another HDD. Supports Partitions C,E,F,X,Y and Z. (Requires destination HDD to be installed as Slave in place of DVD-Rom).

• Format Partitions - Individually format your C,E,F,X,Y and Z partitions.

To perform the *Smart Drive Upgrade* and *Copy Partition* tasks you will need to set the destination HDD's jumpers to Slave and install the drive in the place of the DVD-Rom as shown below (you will also require a power-splitter to provide power to second HDD).

Creating the Bios CD

- Make a copy of the bios file you wish to use and rename this copy to BIOS.BIN.

- Select a CD or DVD media compatible with your XBox's DVD-Rom.

- Burn the BIOS.BIN file onto a CD, the following screenshots show how to perform this in Nero Burning ROM.
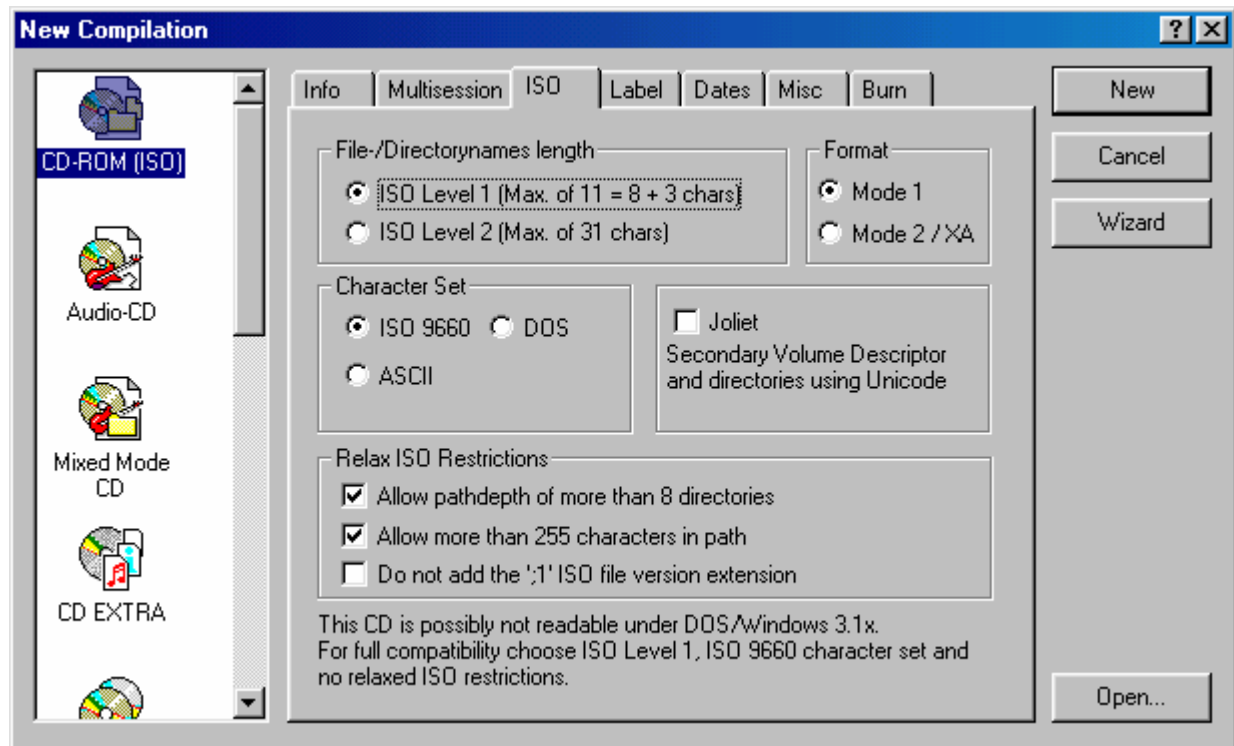
In the Multisession tab ensure No Multisession is selected.
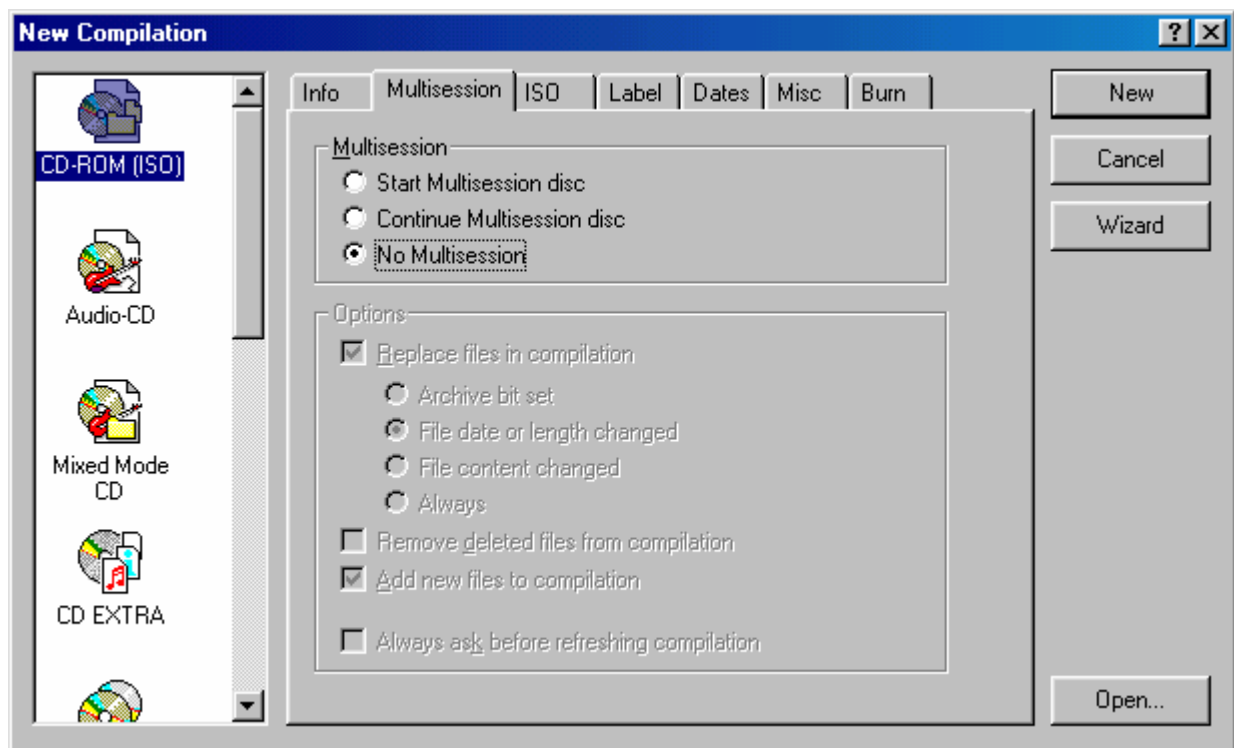
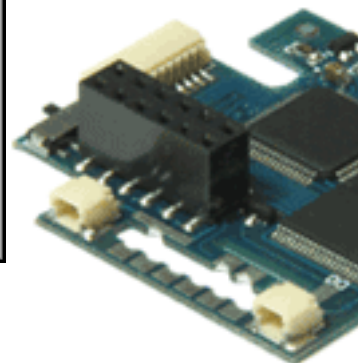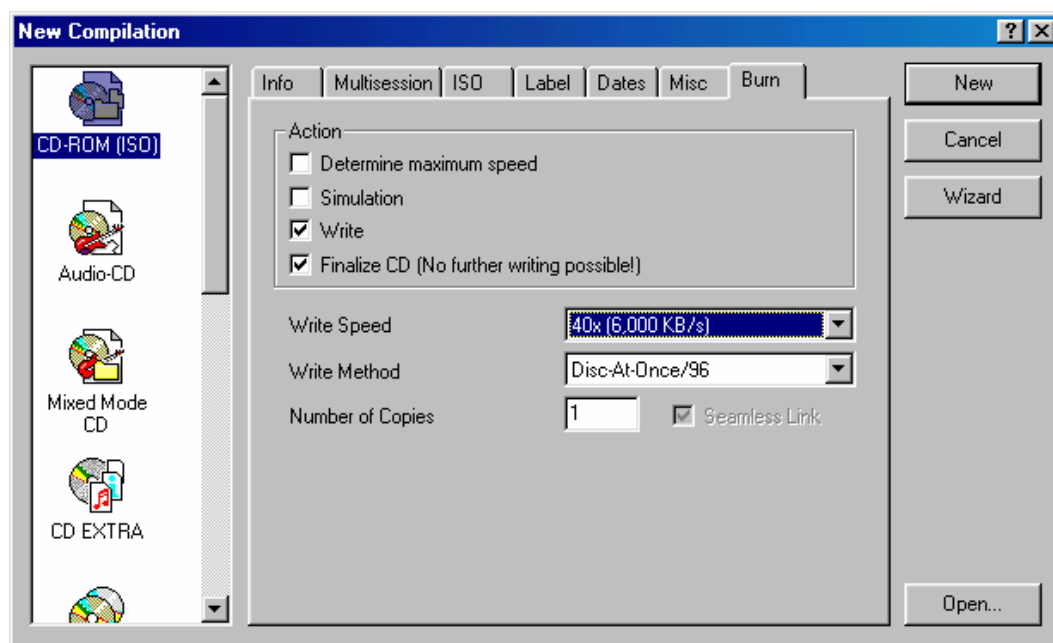In the ISO tab select the following options:

I*SO Level 1*
Format Mode 1
ISO 9660

and *Deselect Joliet*



In the Burn tab select the following options:

Write
Finalize CD
Disc-At-Once/96

Remember to rename your bios file to BIOS.BIN and add a few files to the CD compilation to help the XBox's DVD-Rom read the CD.

Should the update installation fail please power off your console and perform the procedure again. If you are unable to enter Recovery Mode from within the Xenium-OS please change the position on the Xenium's Emergency Recovery Switch below and attempt the upgrade again.

(Remember to return the switch to it's normal position once the update has been performed.)
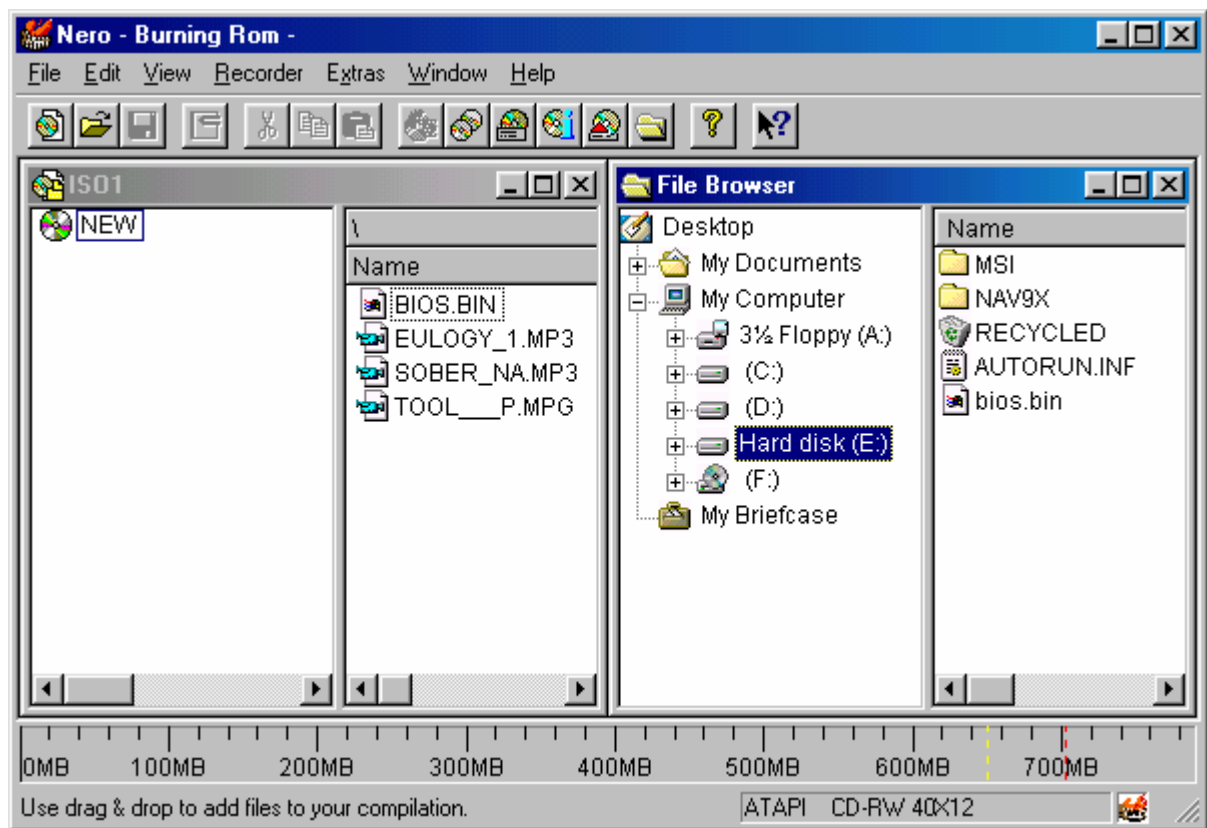
Regards
OzXodus

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