

Unofficial PrometheOS 1.4.0 guide Version: Alpha September 2024

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Cerbios restart button combinations

Game and Xbmc4Gamers graphical issues

HTTP interface

Main menu



Main menu will display when a BIOS has not been selected to Auto Boot. Will also display when the Xbox is powered on with the cd-rom eject button.

Shown at the bottom;

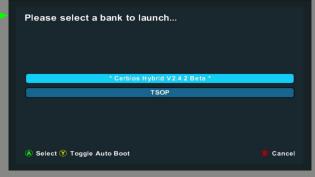
IP address of the LAN adapter

Temperatures of the CPU and Motherboard

Available free memory

(128 Mebibyte modification shown (mebibit=1024, megabit=1000)).

Launch Bank



List of stored BIOS's that can be launched.
BIOS's are added using the Bank Management→Flash Bank menu.

* ... * Stars indicate the selected bank will automatically boot when the Xbox is powered on using the power button.

The default is no bank will auto boot.

TSOP is the BIOS storage chip on the Xbox motherboard. By default it is the Microsoft factory BIOS.

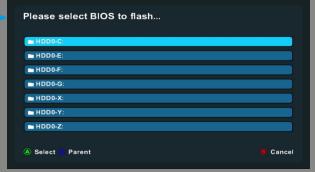
Bank Management



Add BIOS to modchip storage, remove BIOS's and edit a BIOS display name and modchip LED colour.

Displayed at the bottom, the free slots displays the remaining amount of BIOS's that can be stored on the modchip storage.

Flash Bank

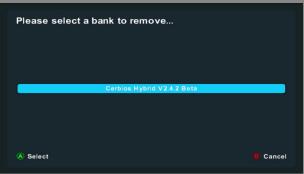


Select a location of a .bin file to load.

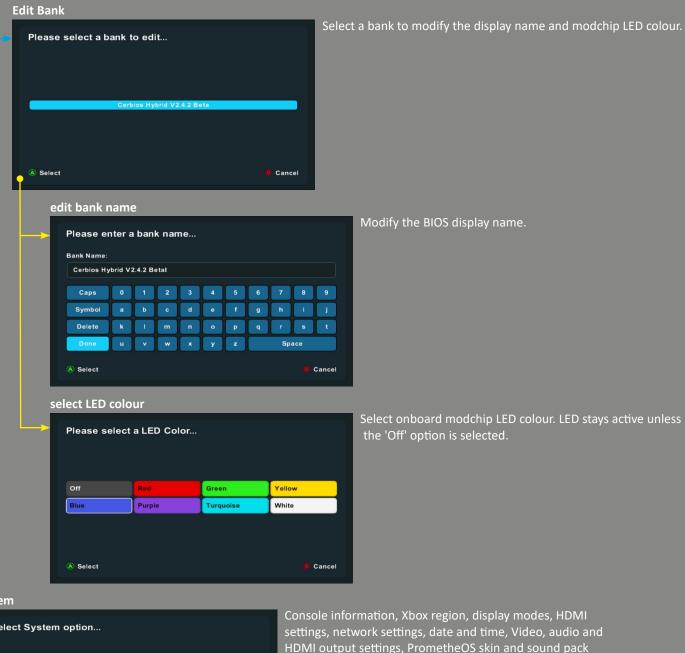
Locations can be a hard drive, DVD or a USB storage device.

BIOS's can also be transferred using the HTTP interface, see HTTP interface section.

Remove Bank



Remove a BIOS from the stored list.



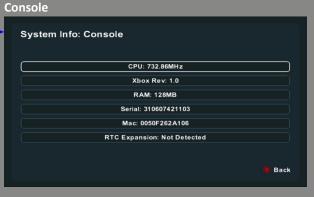
System



settings, network settings, date and time, Video, audio and HDMI output settings, PrometheOS skin and sound pack

System information Select System Info option... Select

Hardware and settings information.



Xbox revision; can be 1.0, 1.1, 1.2, 1.3, 1.4 or 1.6 (there is no 1.5 revision).

RAM; installed, can be 64, 128 or 256 Mebibytes. Serial; number stored in the EEPROM, the same as on a

sticker on the bottom of the console. MAC; address of the network adapater.

Real time clock expansion adapter; project available at https://github.com/Andr-Zero/X-RTC.

Storage



Hard disk drive; model string and serial string.

Audio



Audio mode; can be one of the following options Mono, Stereo, Surround.

Dolby digital (AC3); primarily used in games; list of games that support Dolby digital https://www.mobygames.com/ game/attribute:274/platform:xbox/sort:title/page:1/)

DTS; (Digital Theater Systems) primarily used for video DVD playback.

Video



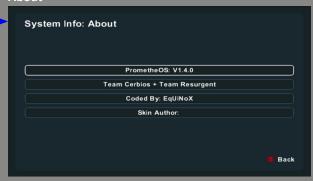
Video Standard; can be one of the following options; NTSC-M, NTSC-J, PAL or PAL-60

DVD Region; can be one of the following options; 1(North America),

Video Encoder; can be Conexant, Focus or Xcalibur

HD Mod; displays the current firmware of a HDMI modification if one is installed.

About



PrometheOS; firmware version installed.

Credits of the teams and the devolper responsible for creating the PrometheOS operating system.

Credit of current PrometheOS skin author, selected in the System→Settings→PrometheOS→Skins



Video, audio and HDMI output settings, region, network settings, date and time, PrometheOS skins and sound packs.

AV Settings



Video, audio and HDMI output settings.

Video



Here video output modes can be enabled or disabled.
The "p" stands for progressive scan, meaning the lines are displayed sequentially from top to bottom rather than "i" interlaced as two separate fields.
480 x 845 progressive
720 x 1280 progressive
1080 x 1920 interlaced

https://consolemods.org/wiki/ Xbox:Games_with_Alternate_Display_Modes

Set the aspect ratio of the output video; Normal 4:3 Letterbox 16:9 Widescreen 16:9

Audio



Audio output mode can be, Mono; one audio channel, Stereo; two audio channels,
Surround; five surround speakers and one
subwoofer channel.

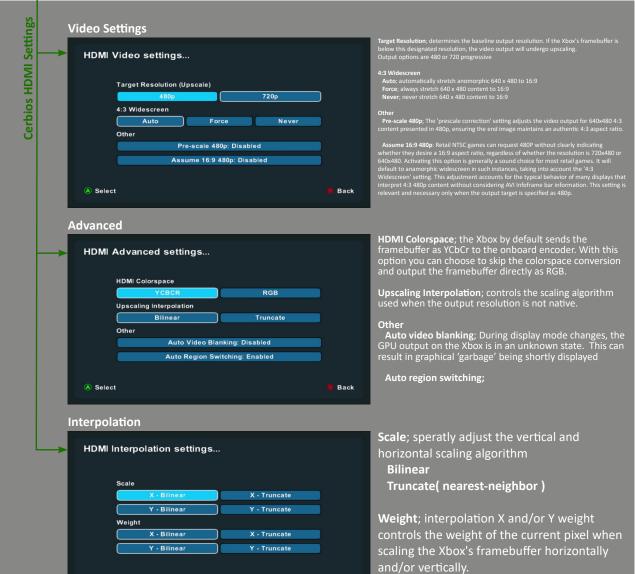
For surround sound a suitable receiver that can accept either Dolby digital or dts is required.

You might not have audio if these are enabled and connected to a receiver that does not support these output methods.

Cerbios HDMI Settings



If a HDMI modification is installed, modify the video output settings.



Region



Video Standard; by selecting PAL-I (50Hz) or PAL-I (60Hz), games will not be able to output 720p or 1080i video resolutions.

Game Region; adjust the region for physical disc games. Most games are region locked. **DVD Region**; adjust the region for video disc playback.

Network



IP Address; manually set or received from a DHCP service.

Subnet Mask; distinguish the network address and the host address within an IP address.

Primary DNS; 8.8.8.8 is the primary DNS server for Google DNS.

Date Time



Modify the date and time; Date and time will only be saved while there is power connected or the clock capacitor is charged or a RTC modification is installed. The date and time will default to, 01/01/2022 12:00AM

XBox revisions 1.0, 1.1, 1.2, 1.3, 1.4 have clock capacitors that are more likely than a 1.6 to leak corrosive materials because of thier age.

PrometheOS

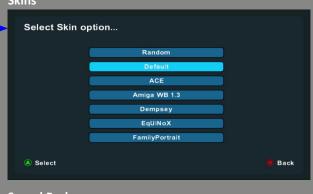


PrometheOS skin and sound pack, boot time delays, update and backup PrometheOS, PrometheOS audio and music volumes, LCD modification, fan speed, drives setup, front panel LED colour.

Themes



Variations of menu colours, backgrounds, interface audio and music.



Skins are loaded from; E:\PrometheOS\Skins

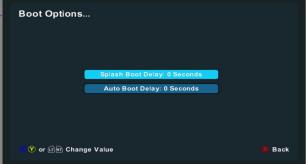
Sound Packs



Sound Packs are loaded from; E:\PrometheOS\SoundPacks



Splash screen and BIOS boot timeouts, music and sound volumes of PrometheOS, LCD modification, fan speed, drives setup, front panel LED colour.



Splash Boot Delay; Amount of time to display the PrometheOS splash screen before loading the PrometheOS interface or auto-booting to a BIOS. Values

Auto Boot Delay; If a BIOS has been selected in **Launch Bank** for auto-booting then this adjusts the delay before booting that BIOS. Values from 0 to 30 seconds.

Audio/Video Options



Music Volume; PrometheOS audio pack music

Sound Volume; PrometheOS interface sounds volume. Values from 0% to 100% in steps of 5%.

VGA enabled; Requires a custom built cable that can seperate the Sync-on-Green signal or a monitor that supports Sync-on-Green.

LCD Options



If a front panel LCD modification is installed;

LCD Enabled; either No or Yes. LCD Backlight; values from 0% to 100% in steps of 4%.

LCD Contrast; values from 0% to 100% in

Miscellaneous Options

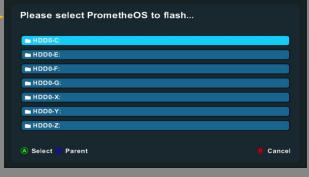


Minimum Fan Speed; set the internal rear fan speed while in PrometheOS. Values from 10% to 100% in steps of 10%.

Drive Setup; determines how volume and partition labels are associated in a dashboard. Values can be HDD & DVD,

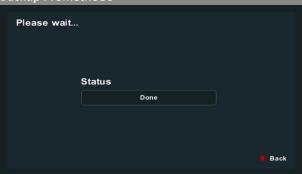
LED colour; the front panel colour that surrounds the





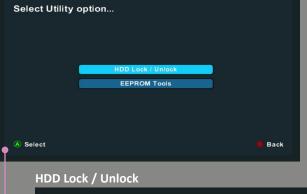
Location of a PrometheOS .bin file to replace on modchip storage.

Backup PrometheOS



Saves PrometheOS-Xenium.bin file to the E:\PrometheOS\Backup folder

Utilities



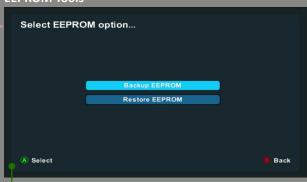
Unlock or lock a HDD generated from XBox serial number from EEPROM.



A unlocked HDD will be unable to boot from a Microsoft BIOS into the default dashboard.

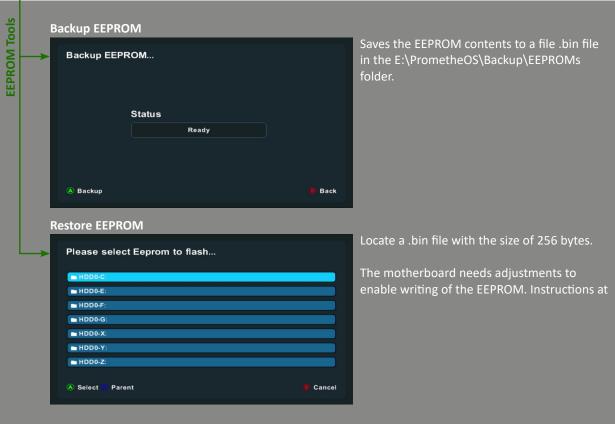
Unlock a HDD to easily modify it's contents from a computer.

EEPROM Tools

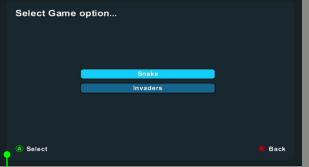


Save the EEPROM contents to a file and flash .bin file to the motherboard EEPROM IC. Modifications will be required to enable the EEPROM to be written to [note 3].





Games



Games installed on the modchip storage.



Controlls are; direction pad up, down, left and right.



Controlls are; direction pad left, right and A button to fire.

Cerbios restart button combinations

Using the Cerbios V2.4.2 Beta BIOS, gamepad button combinations can be used to restart to a certain start-up stage.

To restart to the dashboard, for example back to the Xbox4Gamers dashboard;



To restart the current game or application;



To restart to the BIOS



To power cycle / soft reboot the Xbox;



To power off the Xbox;



Game and Xbmc4Gamers graphical issues

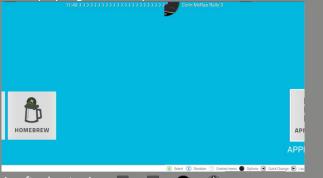
If there are games with any graphical issues try loading the game with a different video mode. While the game is selected in the carousel, press the white gamepad button to display the context menu.



© but © house © troops © controllers € house € house the despect to be the d-pad to move down to 'Launch in..' menu option and press the A button.



(Sect (C) Teacher (C) Teacher (C) Color (C) Co



A soft reboot using, u + n + + + + + + + will be required to clear the issue.