

Troubleshooting

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After disassembling your XBox there are a number of things that can prevent your console from operating correctly. You may experience trouble when booting the console and you would be presented with either a flashing Eject LED or a Service Code on screen. The following are a description of these errors and some hints that may assist you rectify the problem.

Flashing LED Error Codes.

Flashing RED & GREEN (FRAG): Probably a bad chip or bad installation, FRAG indicates that your d0 wire is installed correctly.

- Check that the Xenium is installed correctly and that it's LED is lit Red. If your Xenium's LED is not lit then you may have a V1.5 console (See Part 4b of this manual).
- Resolder the LPC points.

SOLID GREEN/No EJECT/No AUDIO/No VIDEO: Probably a bad solder point or overheated console.

- Check all your solder points again.
- It could also be a heat problem, make sure your fan is connected and don't put your xbox near heat sources. You can also try to open the top of the xbox and check if it goes better.

SOLID GREEN/No AUDIO/No VIDEO: This is probably a problem with your audio settings. Try to boot your XBox with a standard A/V pack instead of a HD pack.

ORANGE/GREEN Flashing: No AUDIO/VIDEO (A/V) pack. This may be caused by solder splash on the motherboard or a damaged track.

ORANGE Flashing: This may also be down to a solder splash on the board or a damaged track. May also be due overheating.

SOLID RED: System overheated, hardware failure!

Service Error Codes.

- 5 - kernel - HDD not locked
(retail bioses require the HDD to be locked)
- 6 - kernel - Cannot unlock HDD
- 7 - kernel - HDD timeout
- 8 - kernel - No HDD found
- 9 - kernel - HDD parameters (PIO/DMA/or size { debug} , certain size minimum is required for debug)
- 10 - kernel - DVD timeout
- 11 - kernel - No DVD Found
- 12 - kernel - DVD parameters (PIO/DMA)
- 13 - kernel - Dashboard launch fail (due to missing/bad key, or anything else that would prevent it from running) and the dashboard didn't specify why it failed.
- 14 - dashboard - Error loading dashboard (dashboard generic error)
- 16 - dashboard - Other files to do with dashboard / dashboard settings (specific dashboard error)
- 20 - kernel - The dashboard was attempted to load and failed; It was a cold boot, and the dashboard didn't specify why it failed, but it (for some reason) needed to be noted that the DVD passed the challenge/response authentication

Credit goes to Superfr0 for his interpretation of these service codes and his awesome contribution to the XBox scene.

Disclaimer

By purchasing a Xenium you agree that the usage of this product is strictly your responsibility. OzXodus are not responsible for any damage or loss of data caused during the installation or use of the Xenium.

The Xenium is designed for use as a development tool and is shipped with blank bios banks so that the end user is able to install their own bios. The developers of the Xenium are aware that various hacked bios versions are available that contain copyrighted Microsoft code and can be used for piracy and in no way do we endorse or condone the use of such bioses. Our primary purpose for the development of this device is to encourage users to exploit the full capabilities of their console through the use of the legal Linux bios. For further information regarding Linux on the XBox we encourage you to visit

For more information please check out our website at <http://www.ozxodus.com>