XK3Y Gecko User Manual V0.1

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The XK3Y Gecko Kit

In the kit you will find the following items:

- XK3Y Gecko main board

- USB 3.0 A-B cable

- Xbox DVD drive power cable

- SATA cable

- 12V Plugtop PSU

Additionally, you should download and install the XK3Y Gecko Windows application from www.xk3y.com

Setting up the XK3Y Gecko

Connect your XK3Y Gecko, using the supplied cables, as shown in *"XK3Y Gecko Connections"* below.

The first time you use the XK3Y Gecko you must obtain the AES128 key for your Xbox DVD drive, it is not possible to rip and profile game disks without this key. The key may be obtained by dumping the Xbox DVD drive firmware – see section "Firmware Dumping with the XK3Y Gecko"
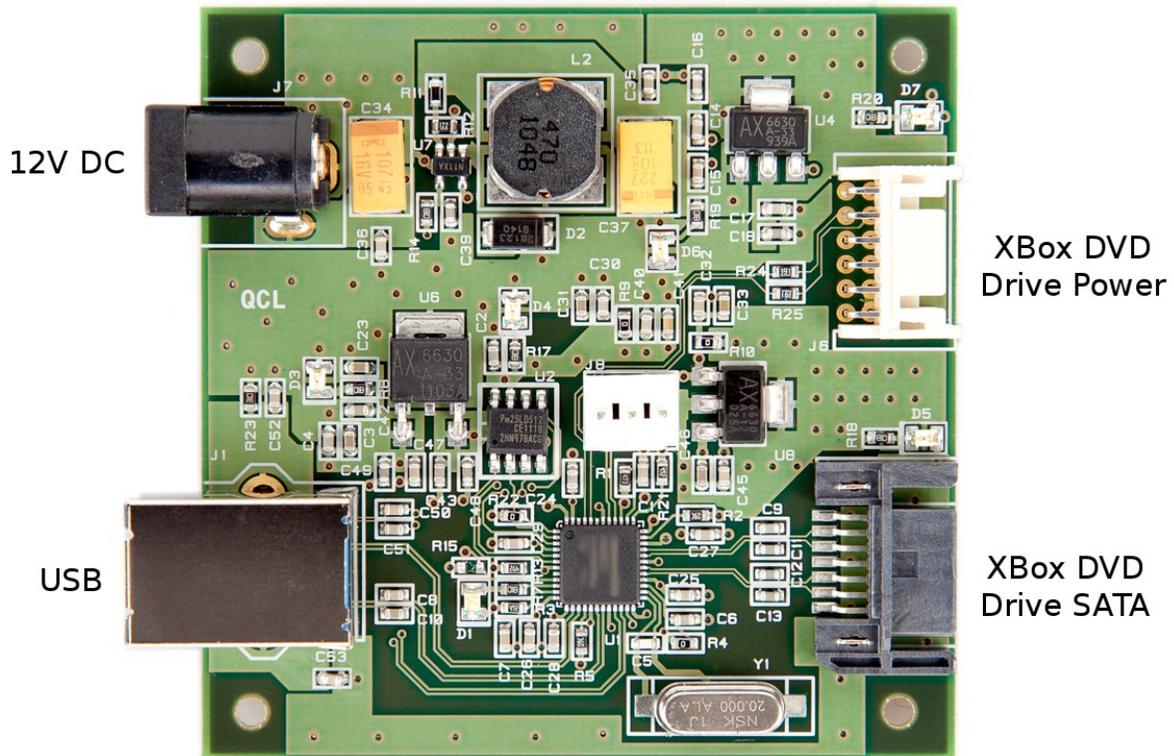
XK3Y Gecko Connections

Controlling the Xbox DVD Drive with the XK3Y Gecko

You can control the tray of your Xbox DVD drive using the XK3Y Gecko

1. Connect your XK3Y Gecko main board to your Xbox DVD drive as shown in section "Setting Up The XK3Y Gecko"

2. Start the XK3Y Gecko application and wait for the Xbox DVD Drive to be detected.

3. To open the Xbox DVD drive tray click on the "Open Tray" button in the XK3Y Gecko application. The Xbox DVD drive tray will open. The "Open Tray" button becomes the "Close Tray" button.
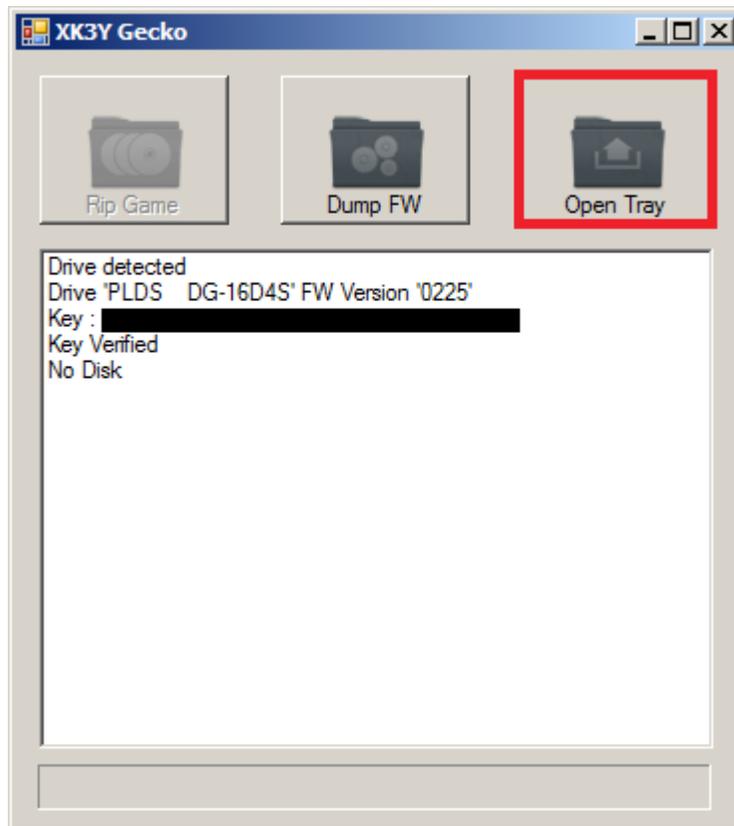
Open Tray

4. To close the Xbox DVD drive tray click on the " Close Tray" button in the XK3Y Gecko application. The Xbox DVD drive tray will now open. The " Close Tray" button now becomes the "Open Tray" button.

Firmware Dumping with the XK3Y Gecko

To dump your Xbox DVD drive firmware perform the following steps:

1. Connect your XK3Y Gecko main board to your Xbox DVD drive as shown in section "Setting Up The XK3Y Gecko"

2. Start the XK3Y Gecko application and wait for the Xbox DVD Drive to be detected.

3. Ensure that there is no game disk in the Xbox DVD Drive.

5. Click the "Dump FW" button in the XK3Y Gecko application to start the dumping process.
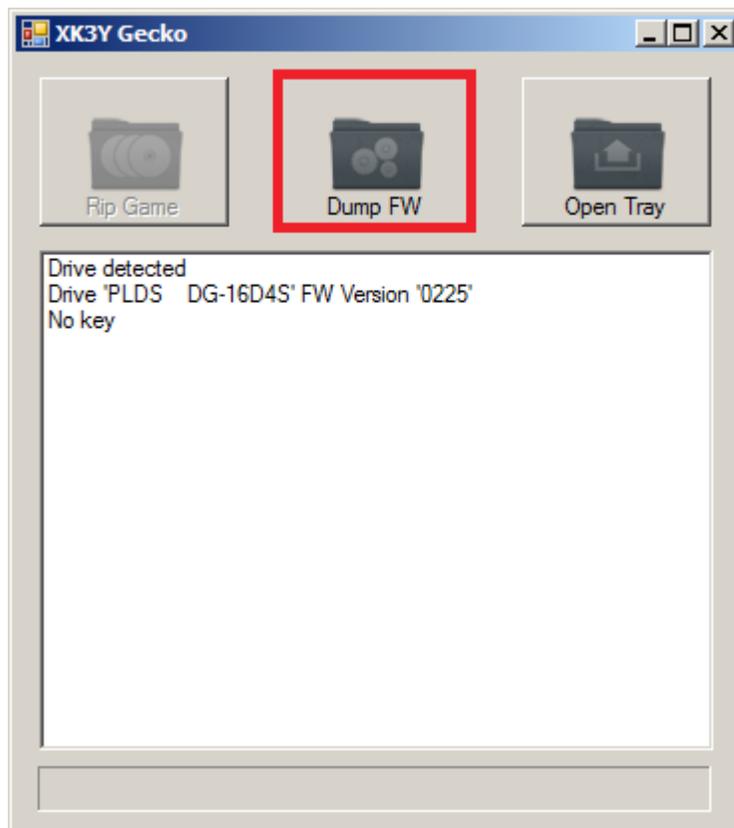
Dump Firmware

6. You will be prompted to select where to save the firmware dump, a file called "dummy.bin" will be created at the end of the firmware dump process. Make a note of the directory as you will need the "dummy.bin" file to configure you XK3Y
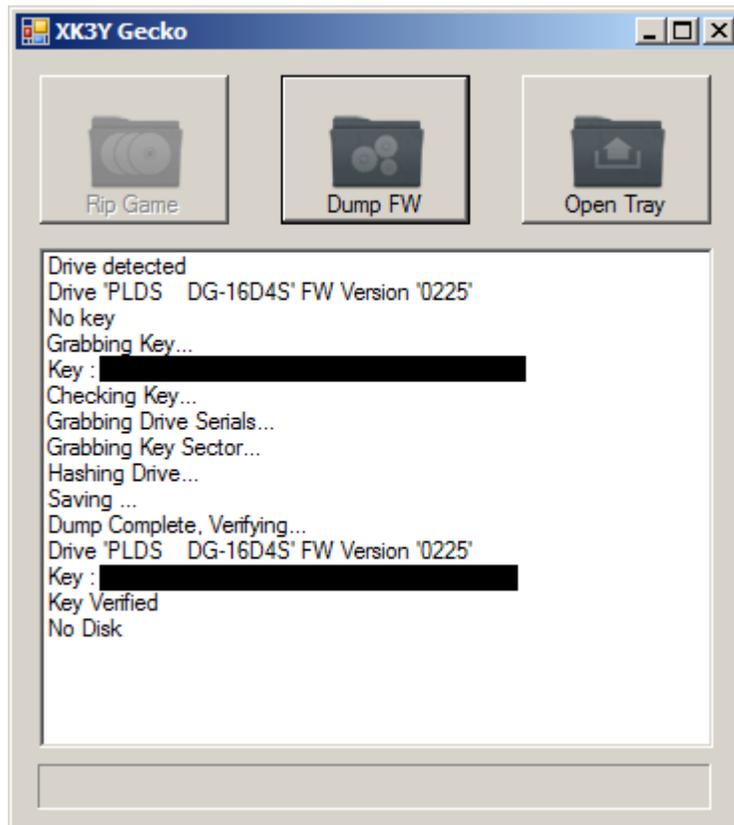
Firmware Dumped

7. Wait for the firmware dump process to complete, once the process has completed the XK3Y Gecko will verify that the Xbox DVD drive AES key is correct.

Note, if you connect a different Xbox DVD drive to the XK3Y Gecko it is necessary to dump the firmware of the new Xbox DVD drive

Game Ripping & Profiling with the XK3Y Gecko

To dump your Xbox DVD drive firmware perform the following steps:

1. Connect your XK3Y Gecko main board to your Xbox DVD drive as shown in section "Setting Up The XK3Y Gecko"

2. Start the XK3Y Gecko application and wait for the Xbox DVD Drive to be detected.

3. Insert the game you wish to rip into the Xbox DVD Drive.

4. The XK3Y Gecko will now identify the game disk inserted.

5. Click the "Rip Game" button in the XK3Y Gecko application to start the ripping process.
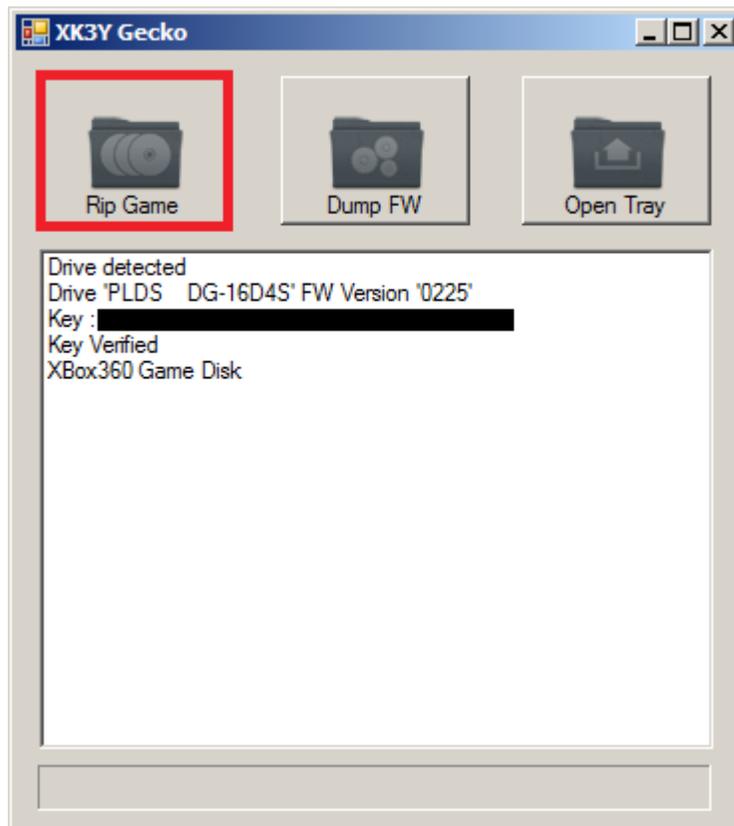
Rip Game

6. During the game ripping process the XK3Y Gecko will determine if the game is protected by AP2.5. You will be prompted to to select whether to perform game profiling during the rip process. The game profiling process can take up to an hour to complete and it is recommended that you only use the profile feature if necessary.

7. Next you will be prompted to select where to save the game ISO, if a game profile is created it will be created in the same directory. Once the destination has been selected, the game ripping and, optionally, profiling process will begin.