

GUIDE

This document will guide you with a step by step procedure to update the firmware of your kaleidoX series (Kx)



What is this program doing?

The program will upgrade the cards firmware for the Kaleido-X, XFR4,7 or 14.

The procedure implies the use of 2 files.

- Firmware file
 - Program to prepare a usb key to push the firmware into the Kx
- Upgrading firmware will automatically propagate it the other cards.

What else is needed before I proceed with the upgrade?

The Kx board inside the frame will need a minimum of 2 gigs of ram to be able to be updated with the newest firmware.

How much down time should I expect?

Be prepared for a 5 minutes shutdown window when you decide to use the reboot button that will show on the kaleido screen at the end of the firmware update.

The reboot button will show up after the firmware is completely integrated in the memory.

All important information is also displayed in the main screen of the Kaleido in a kind of dashboard on the lower left corner.

Why do I need to upgrade?

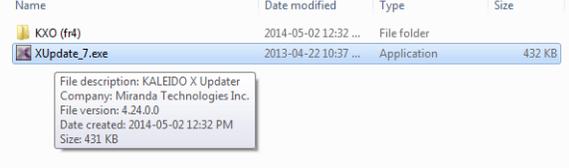
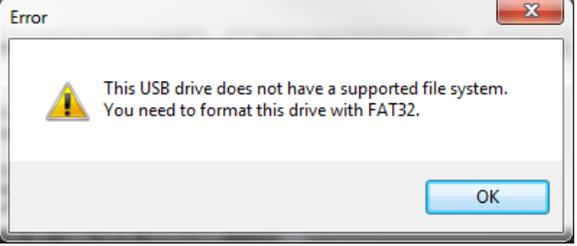
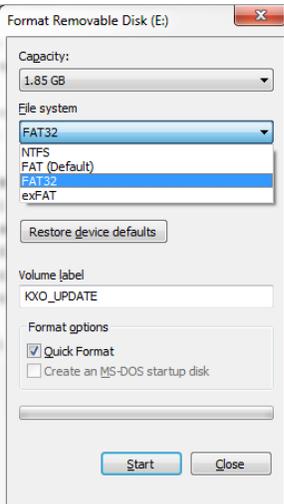
If you have to replace a broken board with a newer one.

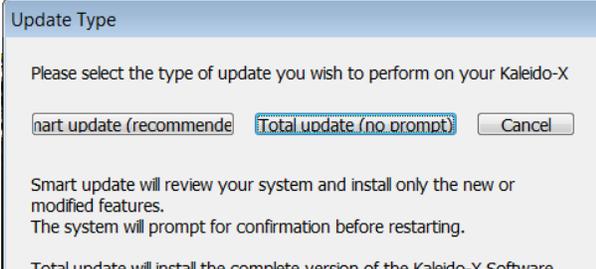
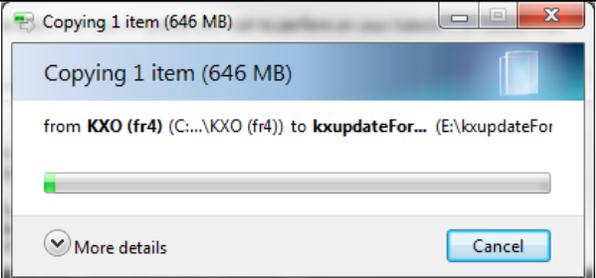
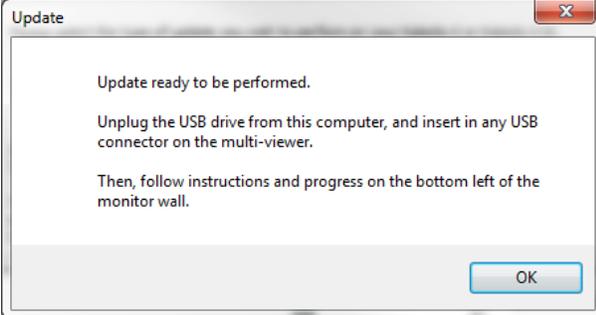
If you want to follow up with newest technologies brake through.

If you want to overpass certain limitation or bug firmware version related problem.

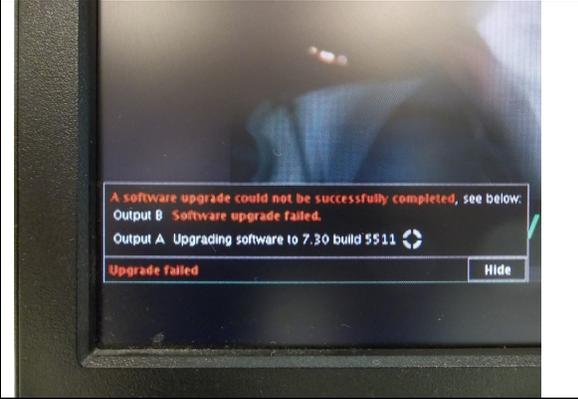
Step by step procedure?

Table : step by step procedure to create the firmware usb key for KaleidoX series

<p>1. Copy the update files from the Miranda FTP link that Support will sent you On to the PC's hard drive, create a folder Miranda on your desktop.</p>	
<p>2. Insert a USB flash drive in to one of the PC's USB ports.</p> 	 
<p>3. Locate and double-click on the Kaleido-X Upgrade Manager application (It has a filename of the form "XUpdate7.exe"):</p> <p>4. When the Welcome screen appears, click on the type of kaleido that you would like to upgrade (Kaleido-X in your case)</p>	

<p>5. When prompted to select a type of update, click Smart Update or Force Update Note: If you click Forced Update (no confirm), then the update procedure, once initiated, cannot be aborted.</p>	 <p>The dialog box titled "Update Type" prompts the user to select the type of update. It features two buttons: "Smart update (recommend)" and "Total update (no prompt)". Below the buttons, text explains that "Smart update will review your system and install only the new or modified features. The system will prompt for confirmation before restarting." and "Total update will install the complete version of the Kaleido-X Software".</p>
<p>6. When prompted to select an update file, Browse to the Miranda folder that you have created on the desktop in step1 locate and double-click on the Kaleido-X operating system file (of the form "kxos-7_30_BUILD_5511.os"):</p>	 <p>The screenshot shows a Windows File Explorer window. The address bar indicates the path: "POTVIN Ilean-Marc > My Documents > Update > Hardware > Kaleido > KXO (fr4)". The main pane shows a table with one file: "kxos7_30_BUILD_5511.os", dated "2014-04-08 1:22 PM", with a size of "663,584 KB". The file name is entered in the "File name" field at the bottom.</p>
<p>7. The .os file will be copied to the USB drive. This may take a few minutes:</p>	 <p>The screenshot shows a Windows progress dialog box titled "Copying 1 item (646 MB)". It displays the source path "from KXO (fr4) (C:\...\KXO (fr4))" and the destination path "to kxupdateFor... (E:\kxupdateFor...)" with a progress bar below. Buttons for "More details" and "Cancel" are visible.</p>
<p>8. When the copying process is finished, a confirmation message appears. Click OK:</p>	 <p>The screenshot shows an "Update" dialog box with the text: "Update ready to be performed. Unplug the USB drive from this computer, and insert in any USB connector on the multi-viewer. Then, follow instructions and progress on the bottom left of the monitor wall." An "OK" button is located at the bottom right.</p>
<p>9. Click Exit on the Welcome screen.</p>	

Step 10

<p>10. Connect the USB key to one of the available USB Connector on one of your KXO card in your multiviewer and Follow the instructions and Progress at the bottom left corner of your monitor wall.</p>	
<p>Go back to the Kaleido screen</p>	

Worst case scenario?

Very rarely but these things happens

YOU DON'T HAVE A DATABASE BACKUP!

THE FIRWARE UPDATE STOP IN THE MIDDLE BECAUSE OF POWER FAILURE OR BECAUSE OFF MANIPULATION ERROR (USB DEFECT, OR UNPLUGGING BEFORE END OF PROCESS

Worst case scenario can have your system offline for long hours... 24-48 maybe more if very complicated layouts have been lost in the case no backups have been made.

What to do in a worst case scenario?

Call Grass Valey Support Line, they will send you an image file to reimage the memory Card on the board. We can also produce a new image file directly on a memory card and have it send to you.

This image is a ghost file using “img” format from GNU Project compatible with : [RaWrite](#) & [RaWrite2](#), [RawWrite for Windows](#), and [WinRawrite](#) Il est utilisé par plusieurs logiciels de virtualisation : [Microsoft Virtual Machine/Microsoft Virtual Server](#), [QEMU](#), [VirtualBox](#) et [WinImage](#), [Nero Burning ROM](#).

PS :

Nothing can be done for database except using the default one... DATABASE contains layout and all the hard work information put in by the Kaleido user.

You can read the release notes in the attached document if this documents as been sent through email.

Enjoy your new kaleido features!