Using JUNGLEFLASHER WITH PMT Probe(Non-Cap)

The PMT Probe is designed to be able to allow you to dump ALL Phat Liteons without resorting to MRA .

This method works regardless of current FW on the drive.

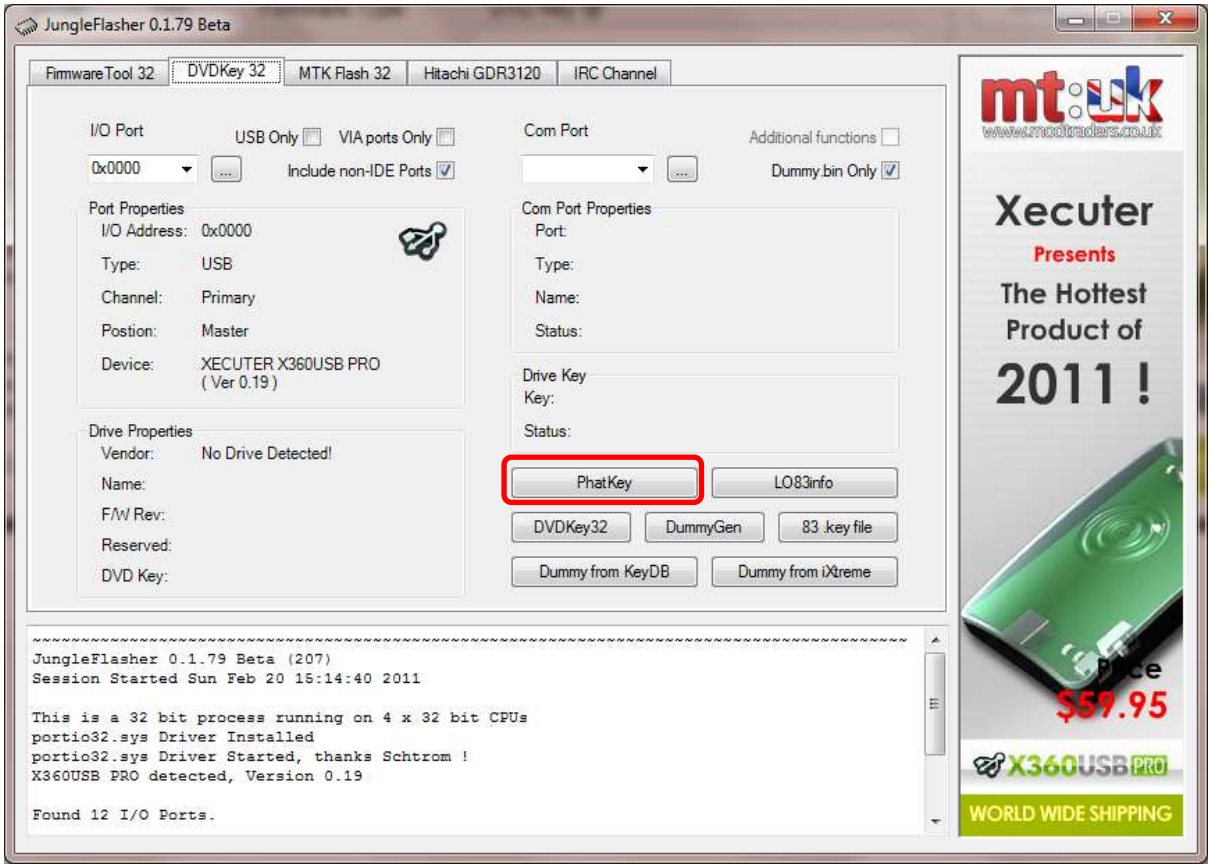
In the following example – I use the X360USB Pro for my SATA connection

– This is NOT a pre-requisite –

If you have a currently working SATA setup – it will work just as well

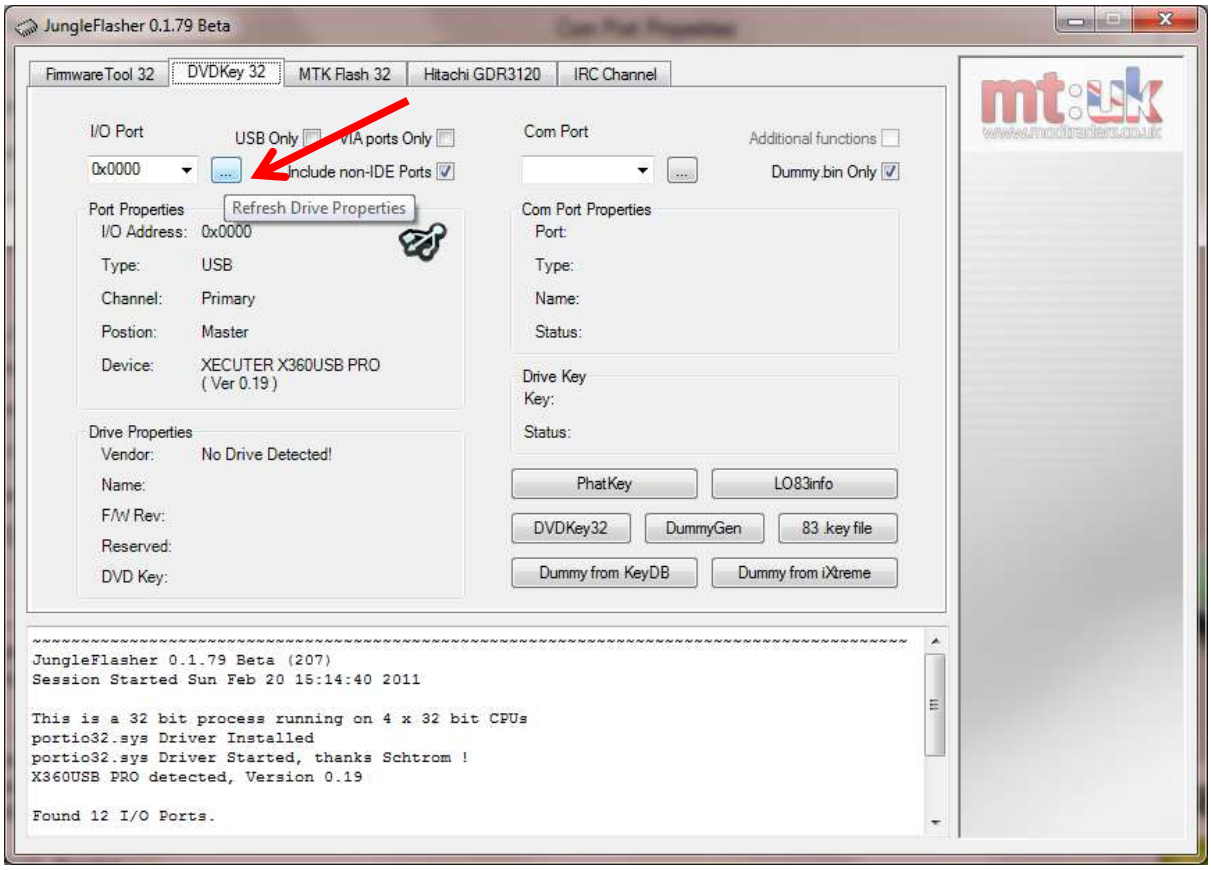
So select your I/O port as Normal

You will notice a new Button “PhatKey”

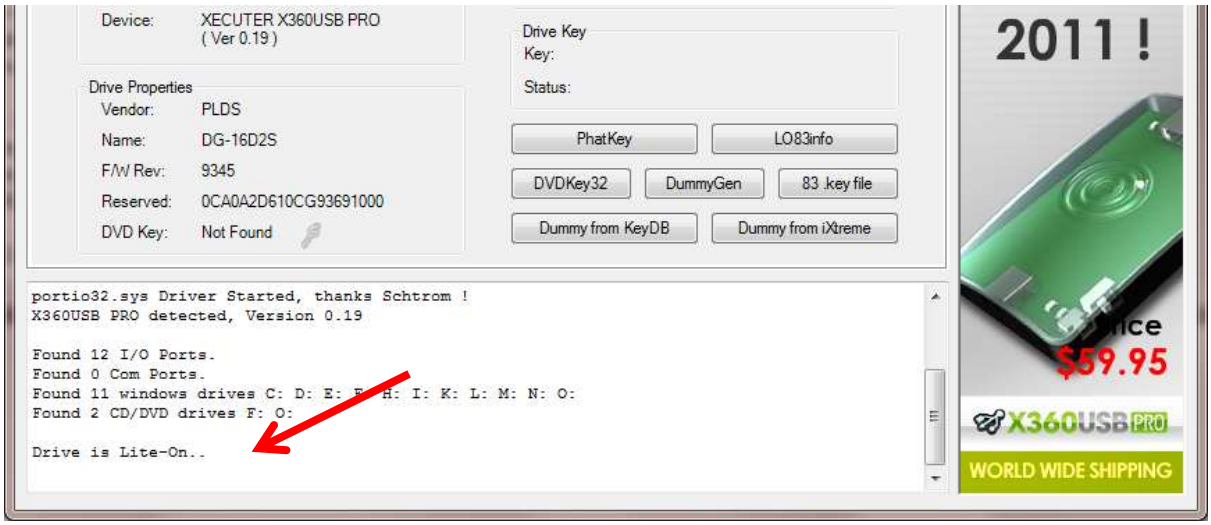


Using the PMT

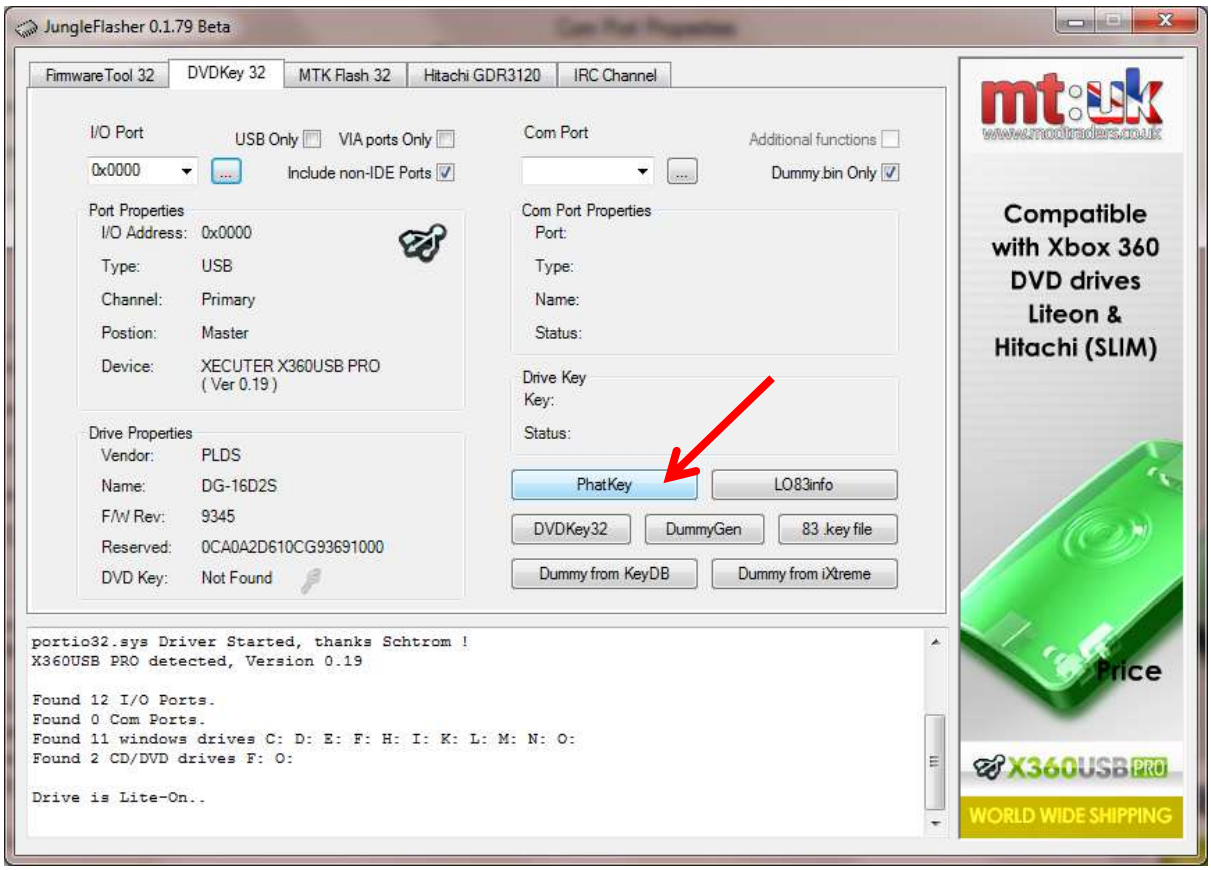
With drive powered on and showing in drive properties, click refresh ([…])



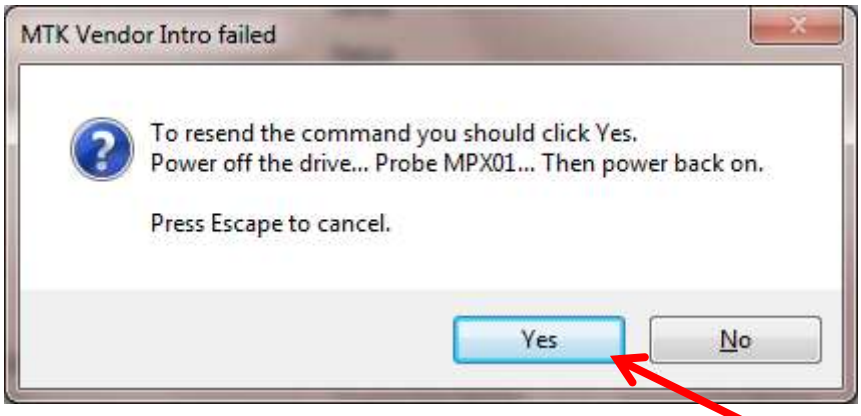
Notice the drive being identified!



Now press the “PhatKey” Button



The following message will appear

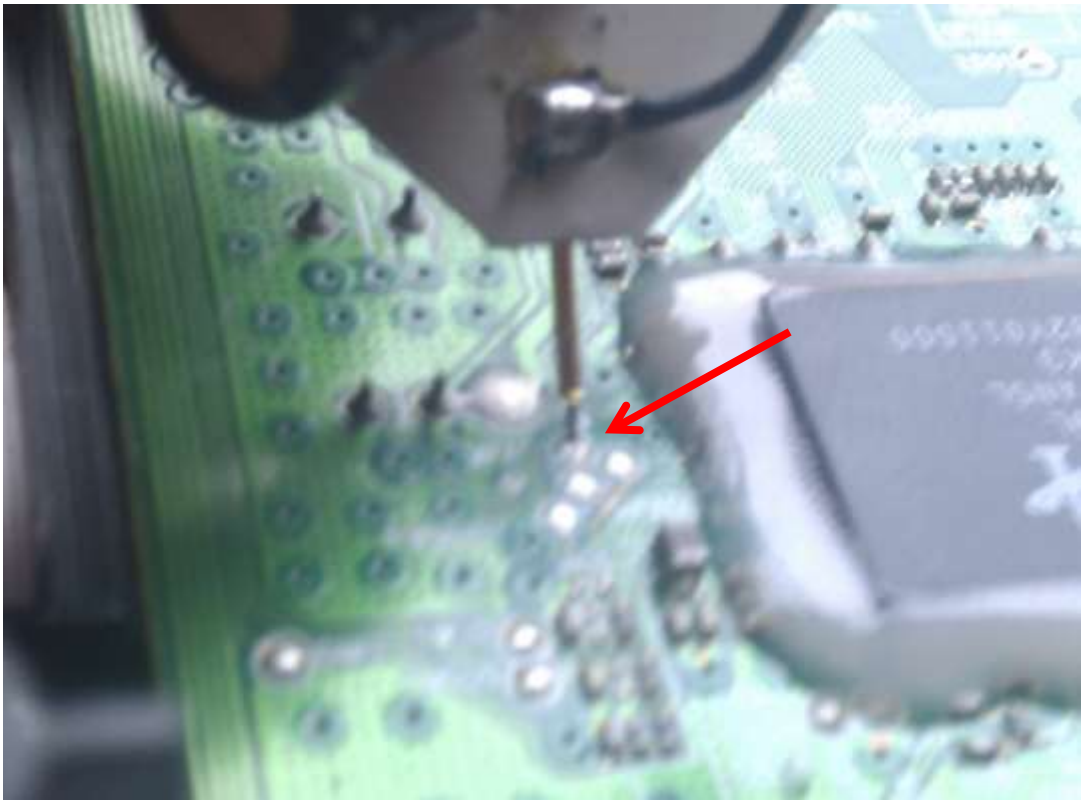


Please read this carefully. Then click YES

Switch 3.3v inline switch OFF

Probe the point MPX01


PÓGÓ MO THÓIN
H28918 304BGP
MT1319L
0832-ANSL
JAK36F
05XC481216100AA

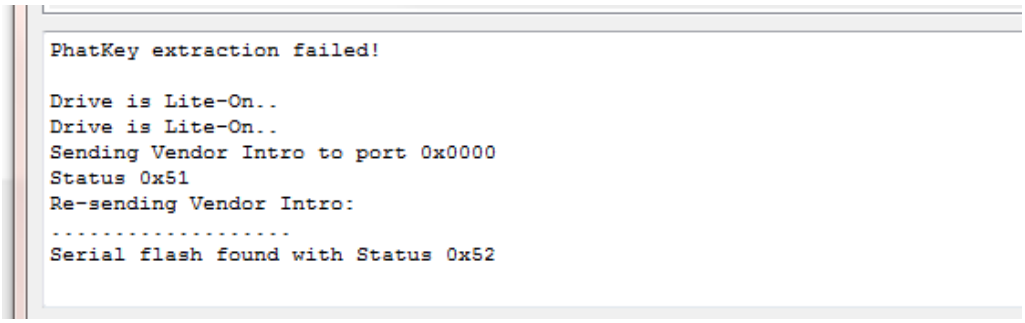


or



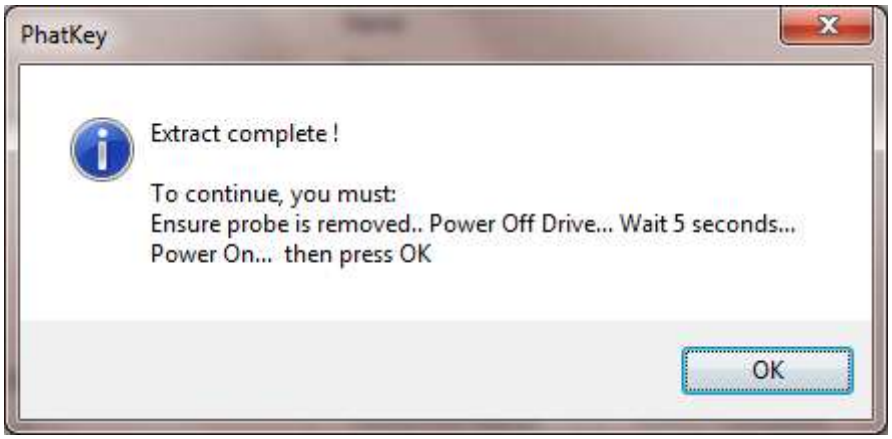
Switch 3.3v inline switch ON again

This message should appear in log window



As soon as you see status 0x52 appear – lift the probe off from the point

Within a few seconds this should appear



Again read it carefully,(note: the 5 sec timing not required)

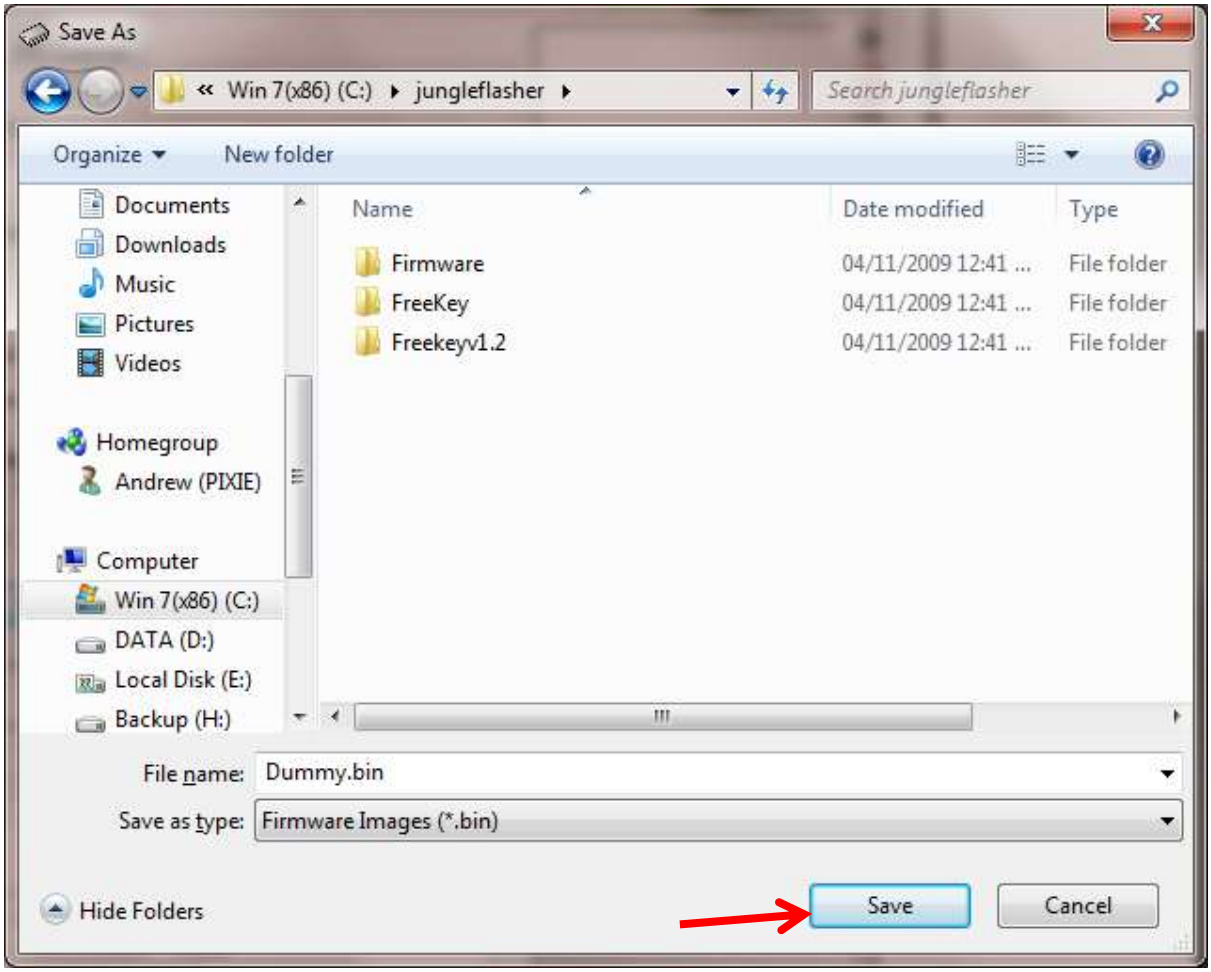
Switch 3.3v switch OFF then ON again.

Then Press “OK”

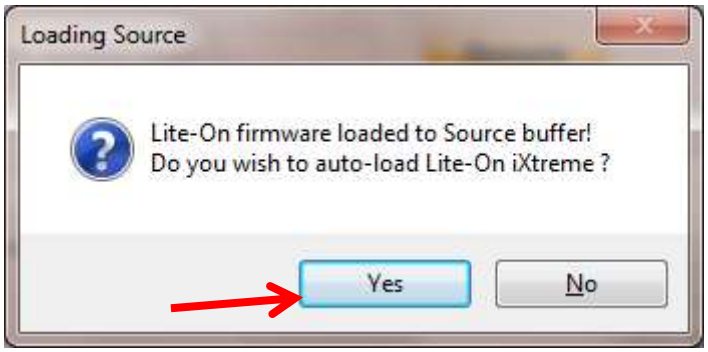
IF All has gone well

You will see the save box appear to save your Dummy.bin

Click “SAVE”



Then you will be presented with the question to auto-load the iXtreme FW

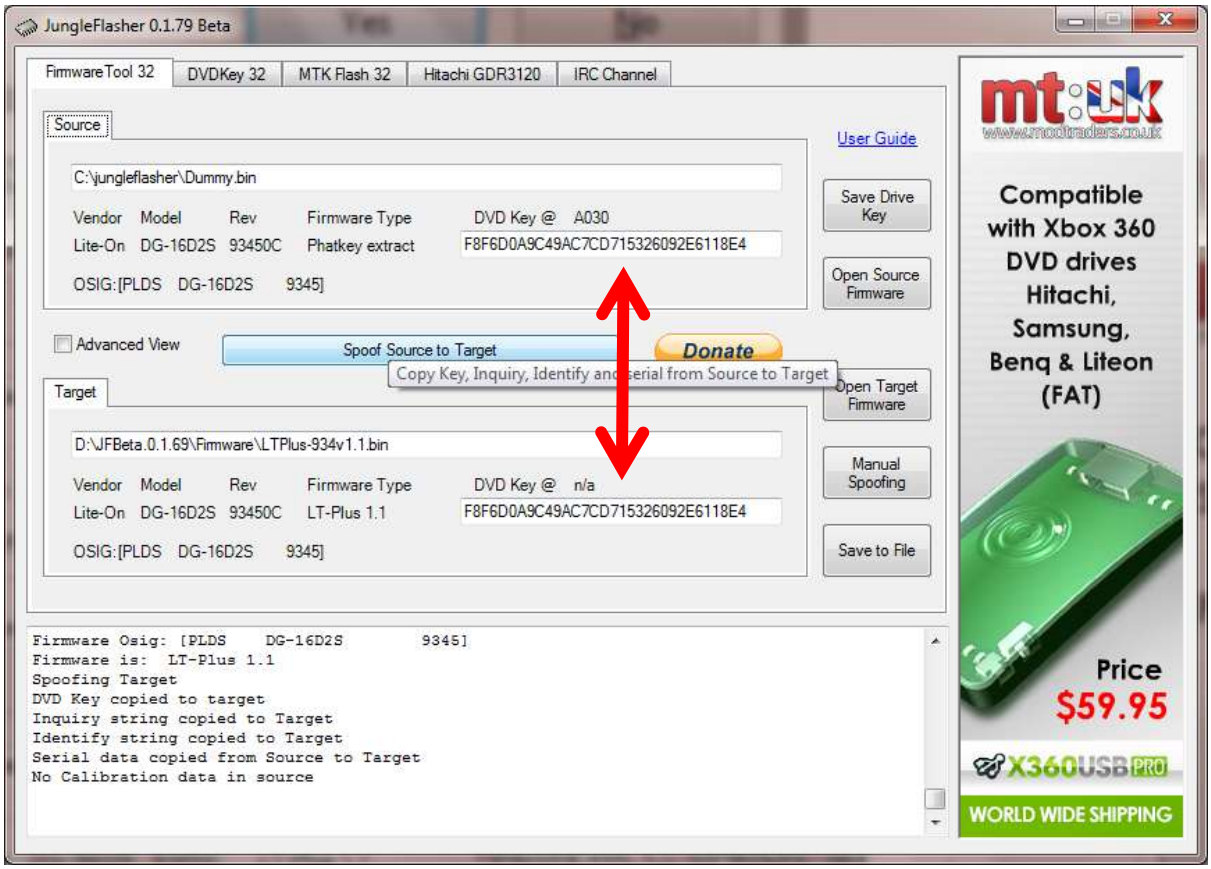


If this is what you wish to do Click “YES”

This will as normal take you to the Firmware Tool 32 tab, with your Dummy.bin loaded as source and the target Firmware loaded and spoofed with your drives details.

From here the Jungleflasher procedure is identical to the previous versions

Ensure the 2 keys match each other – then proceed to erase and write your drive.



The Next step is to ERASE the drive, its vitally important you only do this once you KNOW you are ready and have read the tutorial, in full, to understand the risks.

IMPORTANT!!!!!

Sending the erase command to the Lite-On using VIA Card with drivers installed poses the potential risk of the system locking up due to the VIA chipset polling the erased Lite-On and not liking the response!!!!!!!

NOTE- You CANNOT SPOOF a LiteOn Drive with LT Firmware as a DIFFERENT DRIVE

Erasing a Lite-On PLDS DG-16D2S.

PLEASE READ THE WARNINGS ABOVE.

Once you erase the drive, there is NO GOING BACK.

Click the **MTKFlash 32** Tab.

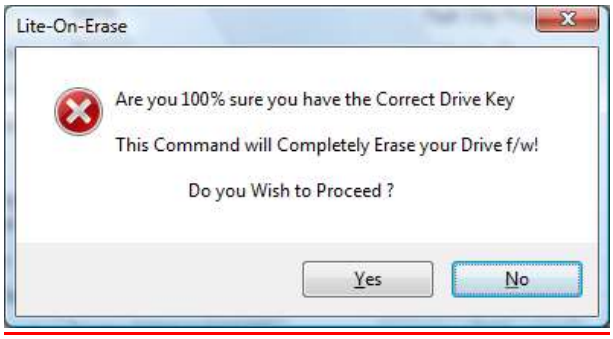


Verify I/O Port is correct(for your setup!) and click **Lite-On Erase.**



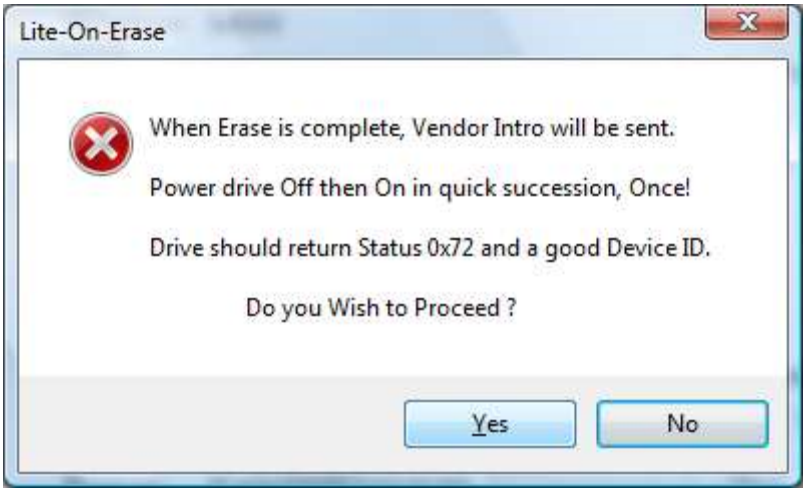
JungleFlasher will warn of the importance of having a verified **Good Drive Key.**

Please Note, Jungleflasher has already Verified the key against your drive! If verification fails – Jungleflasher will display "Phatkey extraction – failed"



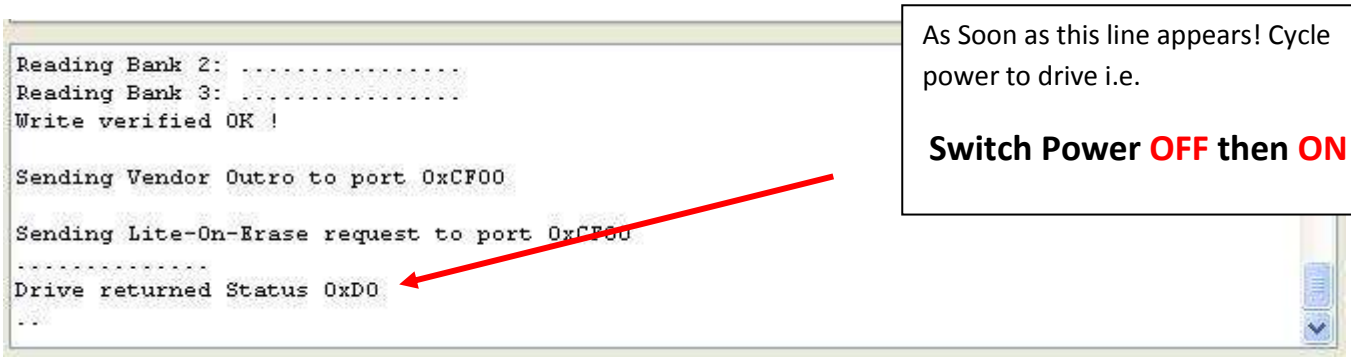
Click **Yes** if you wish to Proceed.

JungleFlasher will present you with another warning.



Read this carefully, in most cases JungleFlasher wil return a Running Log similar to this: We have had 0xD0 / 0x80 / 0xF2 / 0xD1 and all worked fine.

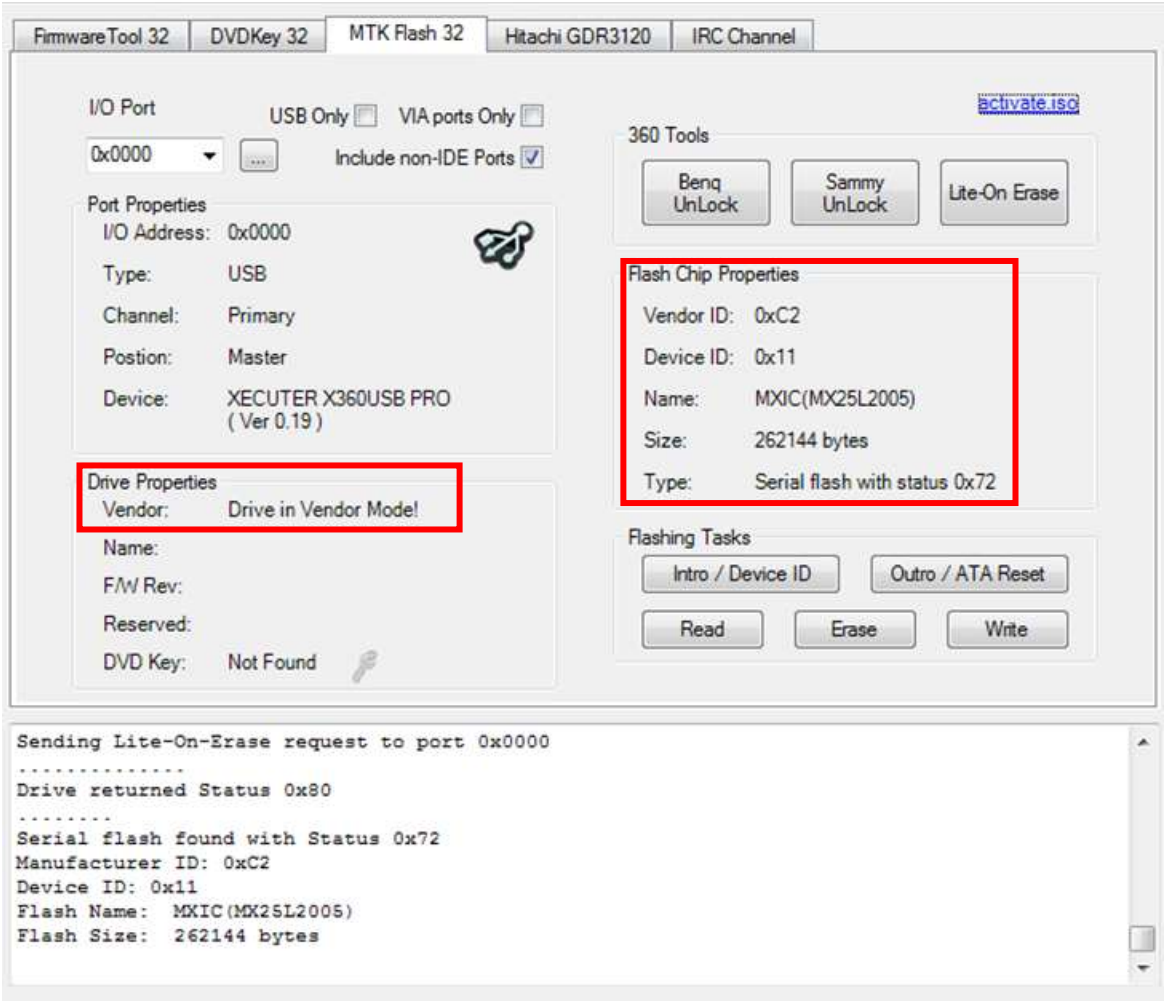
After pressing yes and during the sequence of dots shown below, switch drive Power Off then On - ONCE.



Hopefully you will see good **Flash Chip Properties** and **Status 0x72** (2 known SPi Chips for Lite-On's, Winbond **and** MXIC) MXIC Shown, drive will appear in **Vendor Mode** under **Drive Properties.**

DON'T PANIC IF IT DOESN'T ENTER VENDOR MODE FIRST TIME OR IF YOUR DRIVE IS NOW NOT SHOWING UP AND WILL NO LONGER EJECT

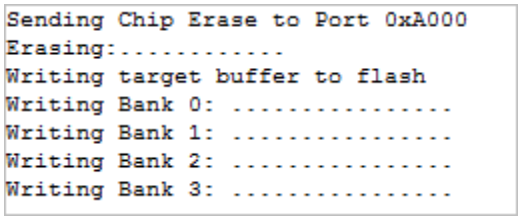
– SIMPLY PRESS INTRO AND CYCLE DRIVE POWER – IF STILL NOT IN VENDOR MODE, TRY ERASING AGAIN!



Drive is now in Vendor Mode (0x72).

Click the **Write** button to write **Target Buffer** to the drive.



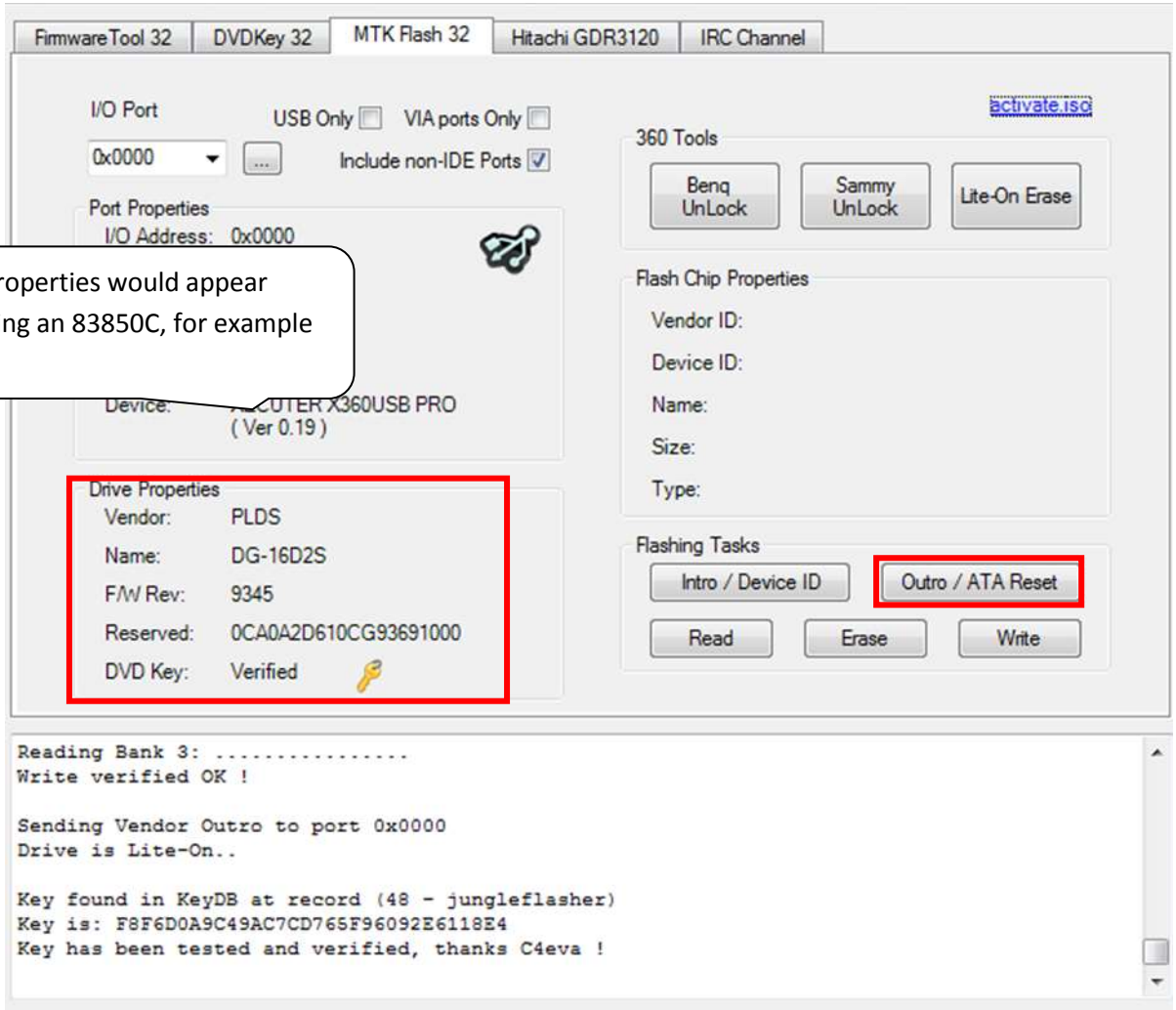


```
Flash Verification Test !
Reading Bank 0: ..................
Reading Bank 1: ..................
Reading Bank 2: ..................
Reading Bank 3: ..................
Write verified OK !
```

Write Verified OK! in **Running Log** signals good write.

Now send an Outro to the drive.

Done by pressing the **Outro / ATA** Reset Button



This will release a drive from **Vendor Mode** and send **ATA Reset** to the Drive. It then sends an inquiry command to the drive.

You are Finished!