

## PLAN B – FLASHING BY CONVENTIONAL METHODS:

SOME NEWER RECEIVERS HAVE A PROTECTED FLASH MEMORY AND WON'T ALLOW FLASHING FROM A SCRIPT.  
(VU+ ULTIMO 4K AND THE OCTAGON SF8008 ARE 2 THAT I'VE COME ACROSS).

### OPTION 1:

IF YOU'RE ALREADY RUNNING OPENVIX YOU CAN USE THE IMAGE MANAGER TO FLASH THE LATEST IMAGE.

**MENU > SETUP > VIX > IMAGE MANAGER** – Highlight the WilloBuild folder and press blue to flash

### OPTION 2:

**FIRST USE THIS SCRIPT TO DOWNLOAD WILLOBUILD SETTINGS AND BACKUP YOUR LINE:**

```
wget --no-check-certificate -O willobuild-settings.sh http://www.willobuild.net/files/Scripts/willobuild-settings.sh && bash willobuild-settings.sh
```

**MENU > SETUP > VIX > IMAGE MANAGER**

PRESS YELLOW 'DOWNLOADS' BUTTON AND SELECT THE LATEST RELEASE AND GREEN 'DOWNLOAD' BUTTON.  
(LATEST IMAGE IS USUALLY AT THE TOP)

PRESS RED 'CLOSE' BUTTON TO RETURN AND HIGHLIGHT THE DOWNLOAD AND PRESS BLUE 'FLASH'

PRESS 'YES' TO CONFIRM THE FLASH.

IF YOU HAVE MULTIBOOT YOU WILL BE PROMPTED TO CHOOSE WHICH SLOT TO FLASH TO.

AFTER REBOOT ENTER YOUR VIDEO SETTINGS AND LANGUAGE WHEN THE SETUP WIZARD STARTS.

WHEN ASKED IF YOU WANT TO RESTORE SETTINGS, SELECT 'YES' AND THEN HIGHLIGHT WILLOBUILD-SETTINGS-BACKUP-REL-5.2.TAR AND PRESS OK.

WHEN ASKED IF YOU WANT TO RESTORE PLUGINS, SELECT 'YES' AND PRESS OK.

AFTER THE BOX HAS REBOOTED USE THE **GREEN BUTTON > WILLOBUILD BACKUP & RESTORE** PLUGIN TO RESTORE YOUR LINE AND TIMERS.

### OPTION 3:

IF YOU'RE RUNNING AN IMAGE, OTHER THAN OPENVIX:

**FIRST USE THIS SCRIPT TO DOWNLOAD WILLOBUILD SETTINGS AND BACKUP YOUR LINE:**

```
wget --no-check-certificate -O willobuild-settings.sh http://www.willobuild.net/files/Scripts/willobuild-settings.sh && bash willobuild-settings.sh
```

DOWNLOAD THE LATEST OPENVIX FOR YOUR RECEIVER FROM:

<http://www.openvix.co.uk>

**FLASH BY USB AS NORMAL.**

AFTER REBOOT ENTER YOUR VIDEO SETTINGS AND LANGUAGE WHEN THE SETUP WIZARD STARTS.

WHEN ASKED IF YOU WANT TO RESTORE SETTINGS, SELECT 'YES' AND THEN HIGHLIGHT WILLOBUILD-SETTINGS-BACKUP-REL-5.2.TAR AND PRESS OK.

WHEN ASKED IF YOU WANT TO RESTORE PLUGINS, SELECT 'YES' AND PRESS OK.

AFTER THE BOX HAS REBOOTED, YOU WILL SEE THE SETUP WIZARD.

ENTER THE VIDEO SETTINGS FOR YOUR TV

CHOOSE 'YES' AND ADJUST THE SCREEN TO FIT YOUR TV AND PRESS 'OK'.

**FOR NETWORK / INTERNET AND SAT TUNERS, JUST KEEP PRESSING 'OK' UNLESS YOU HAVE A NON-STANDARD SETUP.**

### **CABLE TUNERS:**

CHANGE SERVICE SCAN TYPE FROM 'FREQUENCY STEPS' TO 'PROVIDER'.

CHANGE COUNTRY TO 'UNITED KINGDOM'.

MAKE SURE REGION IS 'VIRGIN MEDIA UK' AND PRESS 'OK'.



SELECT 'NO, SCAN LATER MANUALLY' ON THE SERVICE SCAN SCREEN.

ON THE PLUGIN INSTALL SCREEN SELECT 'NO' AND PRESS 'OK'.

ON THE CHANGE SKIN SCREEN SELECT 'NO' AND PRESS 'OK'.

### **SETUP MOUNTS** (If required, should be correct)

Go to **MENU > SETUP > VIX > MOUNT MANAGER** and make sure USB/HDD is mounted as:

**/media/hdd and ext4 R/W**

I've set this build up using dsayers2014's custom mix which combines working VM channels with SKY HD channels in the first bouquet.

### **SETUP AUTOBOUQUETSMAKER REGION (CABLE)**

**MENU > SETUP > TUNER CONFIG > AUTOBOUQUETSMAKER > PROVIDERS**

(Takes a minute for providers to populate)

Change Sky (UK) area to your region

Change Virgin (UK) area to your region. (NetID)

For Sat or Cable only:

**MENU>SETUP>TUNER CONFIG>ABMCUSTOMMIX IMPORTER**

Set 'enable autofetch' to 'no' & Blue button (Delete File)

Green to save settings

Press green button OK and highlight 'Start Scan' and press OK.

Red button - exit when complete.

**EPG** (Set to save to /media/hdd/)

**MENU > SETUP > SYSTEM > EPG > EPG IMPORTER > YELLOW BUTTON (Manual)**

### LINES/SOFTCAMS

A line is a subscription that you buy to unscramble the premium channels like sport and movies.

I have produced a guide on softcams and lines here: [SOFTCAMS AND LINES](#)

WilloBuild is set up to use Oscam as default but Cccam and Mgcamd are included, dependant on processor type.

### WilloBuild Button Functions

**Playback 10 Seconds Back** (Left of 1)

**Playback 30 Seconds Back** (Left of 2)

**Playback 3 Minutes Back** (Left of 3)

**TV - History Back**  
**EPG - Previous Bouquet** (Left of <PREV)

**Now, Next, More EPG** (Left of OK)

**Single EPG** (Left of OK)

**Short - Plugin Menu** (Left of MENU)

**Short - Timers / AutoTimers**  
**Long - HbbTV (Red Button)** (Left of TV)

**Playback 10 Seconds Forward** (Right of 1)

**Playback 30 Seconds Forward** (Right of 2)

**Playback 3 Minutes Forward** (Right of 3)

**TV - History Next**  
**EPG - Next Bouquet** (Right of >NEXT)

**Now, Next, More EPG** (Right of OK)

**Infobar EPG** (Right of OK)

**Main EPG - Page Up / Down** (Right of CH PAGE)

**Short - Bouquet List**  
**Long - Subtitles / Audio** (Right of SUBTITLE)

**Short - Extensions**  
**Long - ViX Plugins** (Right of RADIO)

**MANY THANKS TO:**  
**KiddaC** for his amazing skins and JediMakerXstream IPTV plugin  
**Grog68** for his OpenViX script and Movie Organisor plugin  
**Dsayers2014** for his custom mix and picon downloader

**Willo3092**  
**willobuild@gmail.com**

**WilloBuild**