

WILLOBUILD IS NOW INSTALLED ONLINE RATHER THAN FLASHING BY USB.

THIS MEANS THAT WILLOBUILD CAN BE FLASHED TO THE MAJORITY OF OPENVIX SUPPORTED RECEIVERS

YOUR BOX MUST HAVE A NETWORK CONNECTION AND YOUR STORAGE DRIVE SHOULD BE PLUGGED IN. (PREFERABLY FORMATTED AS EXT4).

UNLESS YOU'RE SETTING UP A NEW RECEIVER THIS WILL PROBABLY ALREADY BE OKAY.

CONNECT TO YOUR BOX USING PUTTY – ENTER IP ADDRESS OF BOX AND LOGIN WITH root.

PUTTY CAN BE DOWNLOADED HERE: <http://www.willobuild.net/files/Utilities/putty.zip>

THERE ARE INSTRUCTIONS IN THE ZIP FOLDER.

COPY THIS CODE AND RIGHT CLICK IN PUTTY TO PASTE AND THEN PRESS ENTER.

Zgemma H3 Series (5.2.043) (HS, H.2S, H.2H & H3.2TC)

```
wget --no-check-certificate -O install_h3.sh http://www.willobuild.net/files/Scripts/install\_h3.sh && bash install_h3.sh
```

Zgemma H5 Series (5.2.043) (Will work on any H5)

```
wget --no-check-certificate -O install_h5.sh http://www.willobuild.net/files/Scripts/install\_h5.sh && bash install_h5.sh
```

You can also flash by USB using the download links on my website:

<https://willobuild.com/zgemma.php>

(Make sure you backup your line first)

THE PUTTY SCRIPT WILL BACKUP LINES AND AUTOTIMERS AND THEN DOWNLOAD AND FLASH THE LATEST VERSION OF WILLOBUILD OPENVIX.

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

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**

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)

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

Red button - exit when complete.

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

For Sat or Cable only:
MENU>SETUP>TUNER CONFIG>ABMCUSTOMMIX IMPORTER
 Set 'enable autofetch' to 'no' & Blue button (Delete File)

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

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

LINES/SOFTCAMS

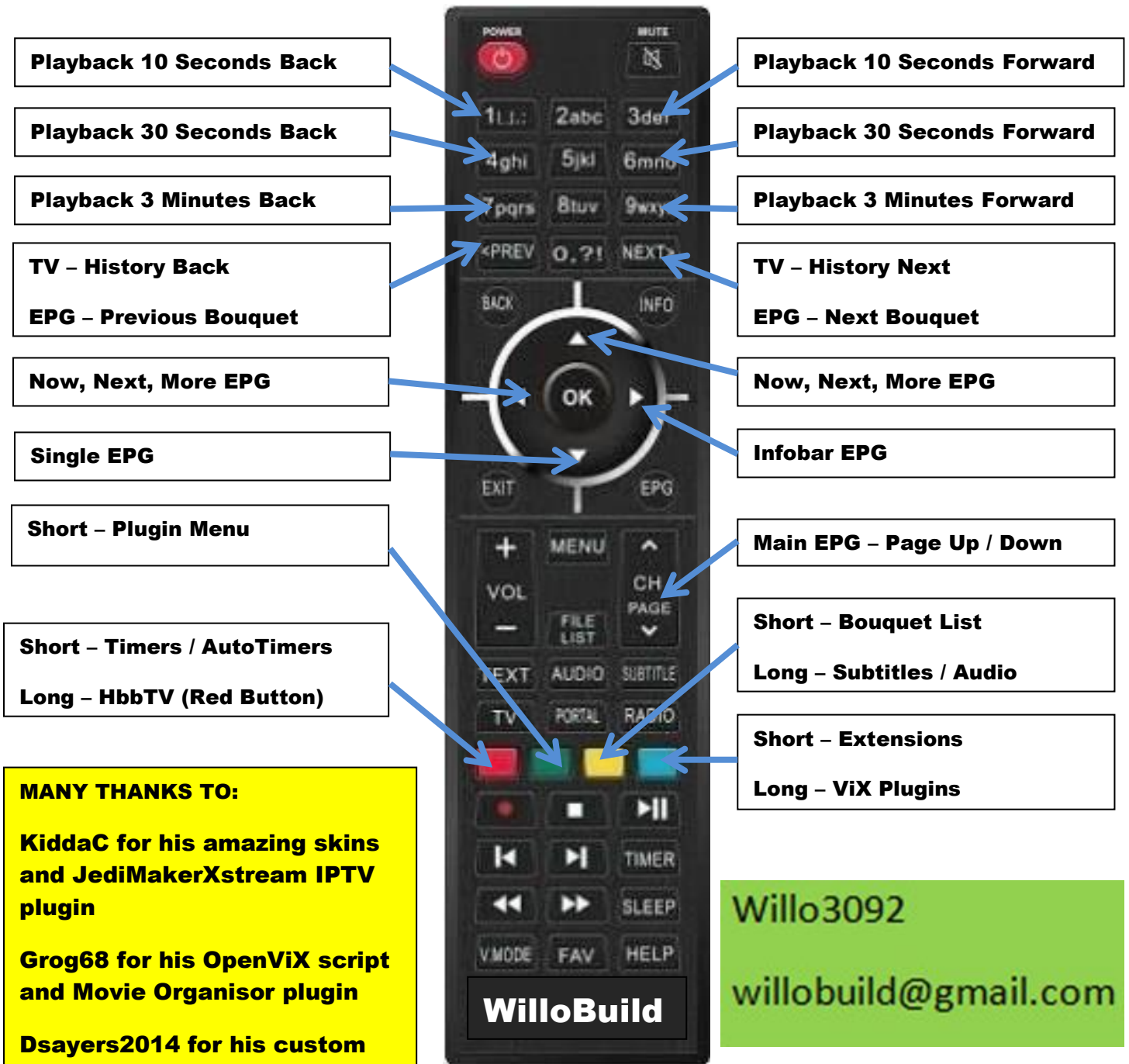
A line is a subscription that you buy to unscramble the premium channels like sport and movies.

I have produced a guide on softcams and lines here:

<http://www.willobuild.net/files/Guides/softcams-lines.pdf>

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

WilloBuild Button Functions



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

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