

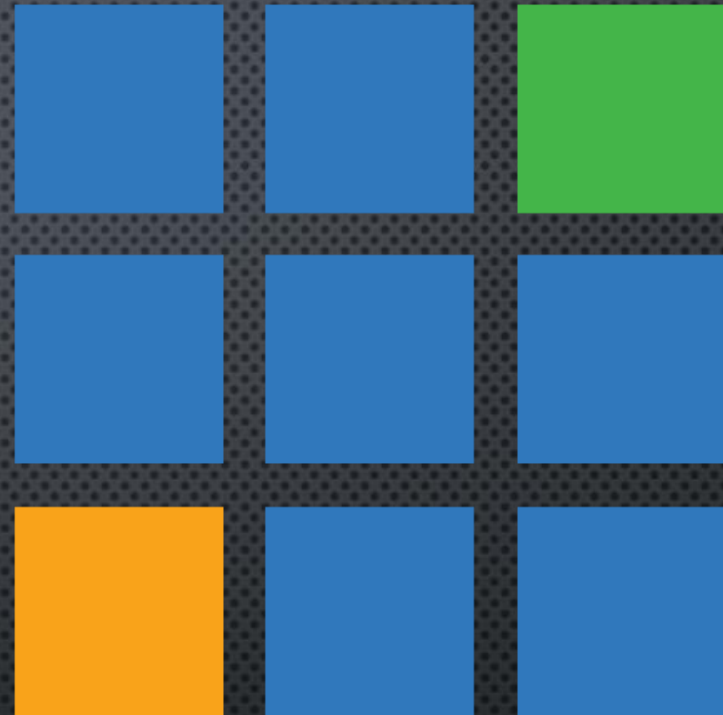
STUDIO 31

TUTORIAL

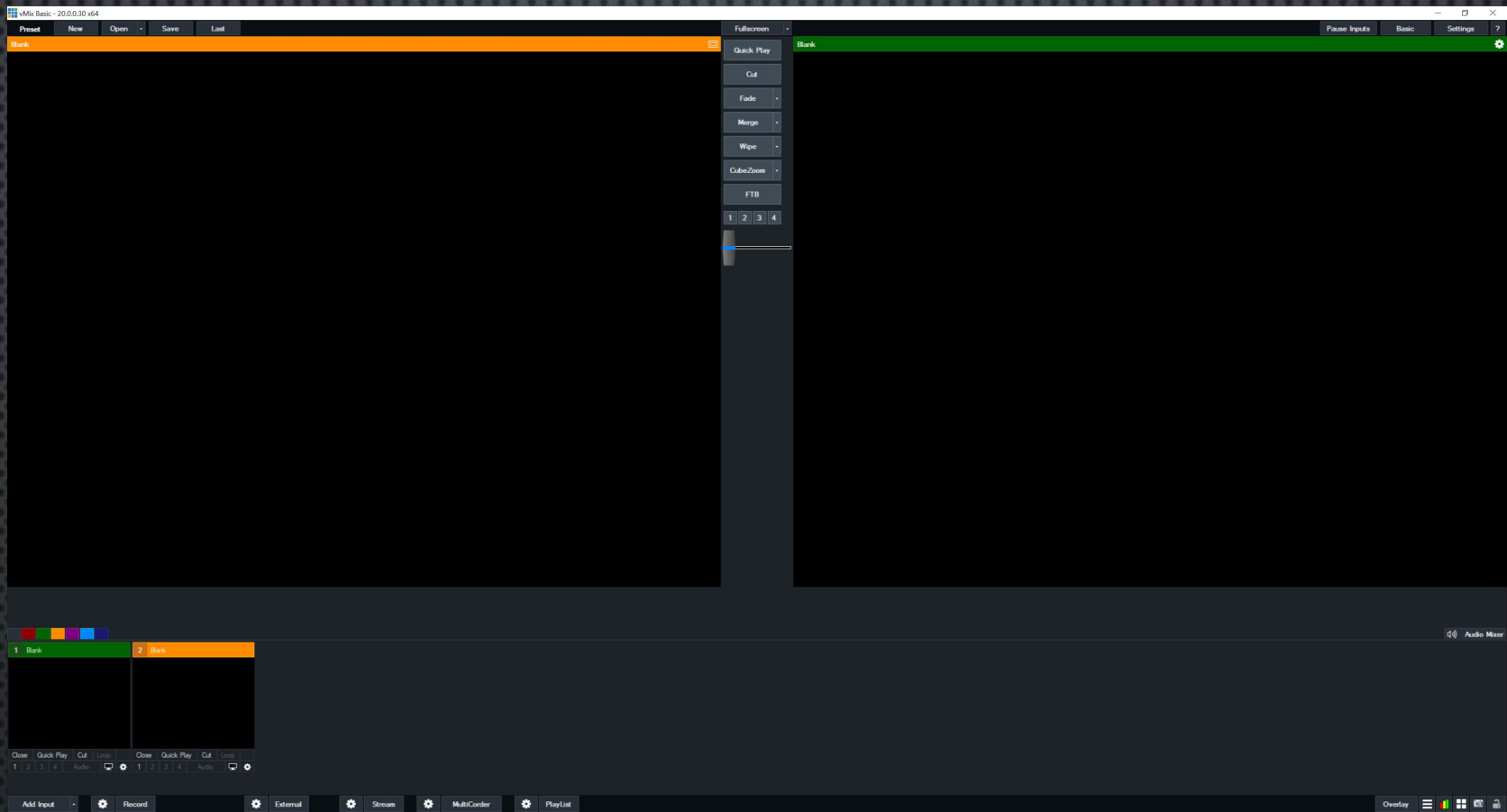
OPEN THE PROGRAM

1- LOOK FOR THIS ICON IN THE DESKTOP

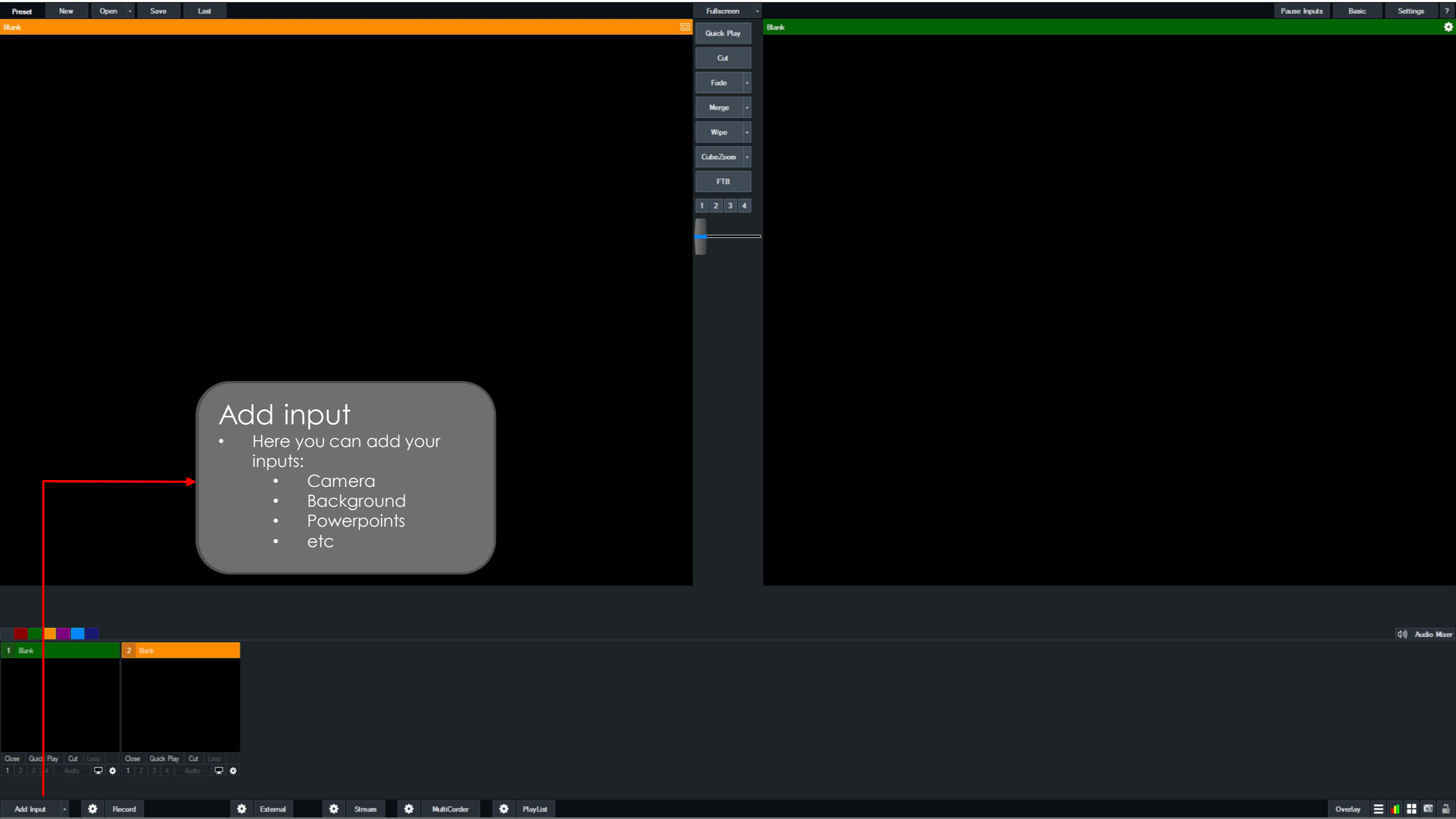
2- DOUBLE CLICK ON IT



VMix



VMIX USER INTERFACE

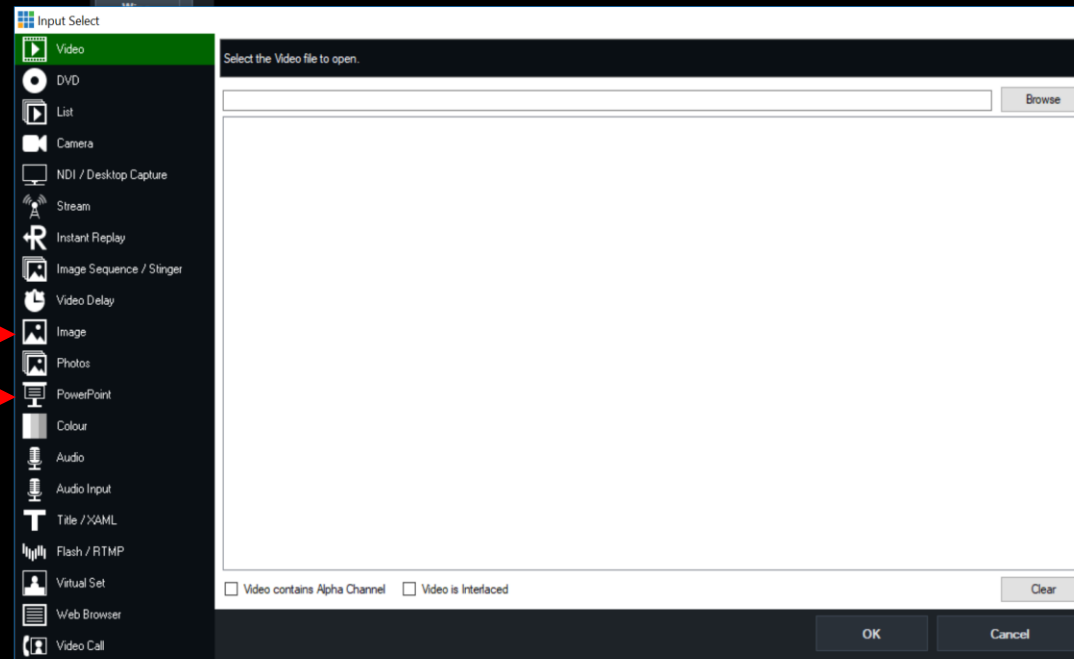


Add input

- Here you can add your inputs:
 - Camera
 - Background
 - Powerpoints
 - etc

Select background first: It can be

- Image
- Powerpoint
- Any of the others inputs listed



Blank

Quick Play

Cut

Fade

Merge

Wipe

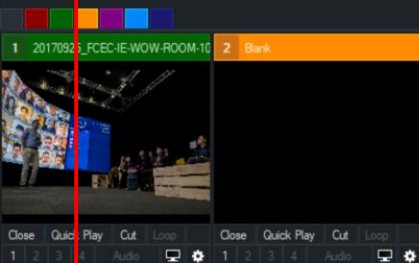
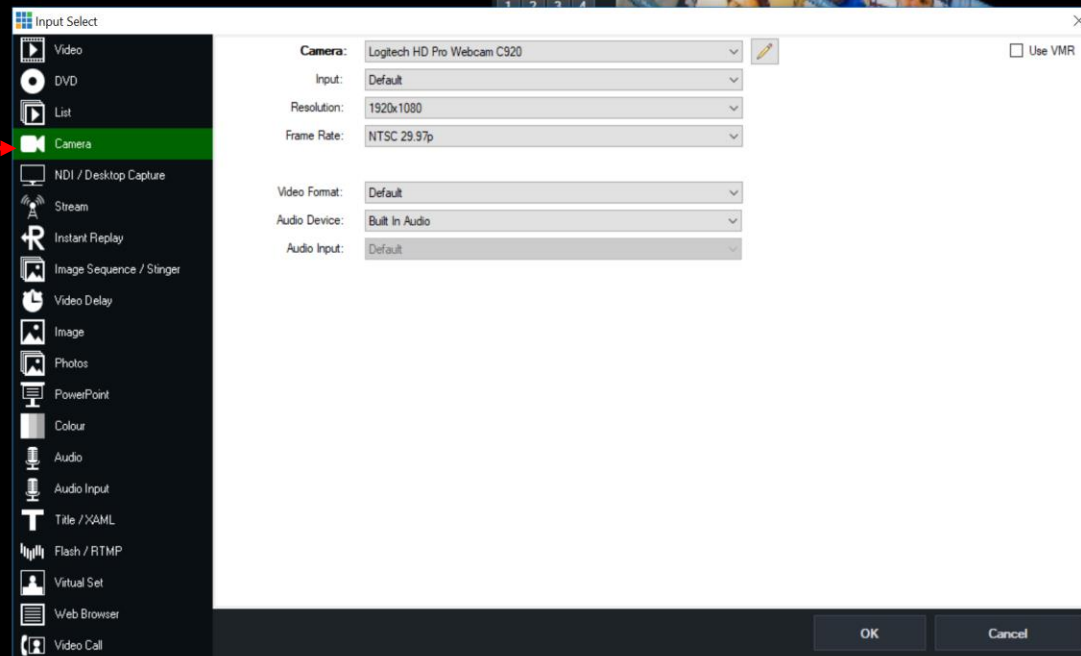
CubeZoom

FTB

20170925_FCEC-IE-WOW-ROOM-10.jpg

Add your camera

- Click Add input again
- Select camera
 - Make sure you choose 1920x1080p resolution
- Click OK



Audio Mixer

Input settings

- Click the gear icon of the input if you want to change the settings:

Input: Sin título.jpg

General Sin título.jpg Change

Colour Adjust

Colour Key

Position

Multi View

Triggers

Tally Lights

PTZ

Advanced

Name Sin título.jpg

Aspect Ratio Source

Category

Mouse Click Action Preview

Source Aspect Ratio Normal

Resolution 1570x881

Frame Rate 29.97

Deinterlacing None

Audio Settings

Create Virtual Input

☐ Deinterlace Blend

☐ Sharpen

☐ Mirror

☒ Automatically mix audio

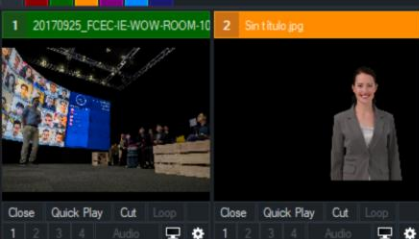
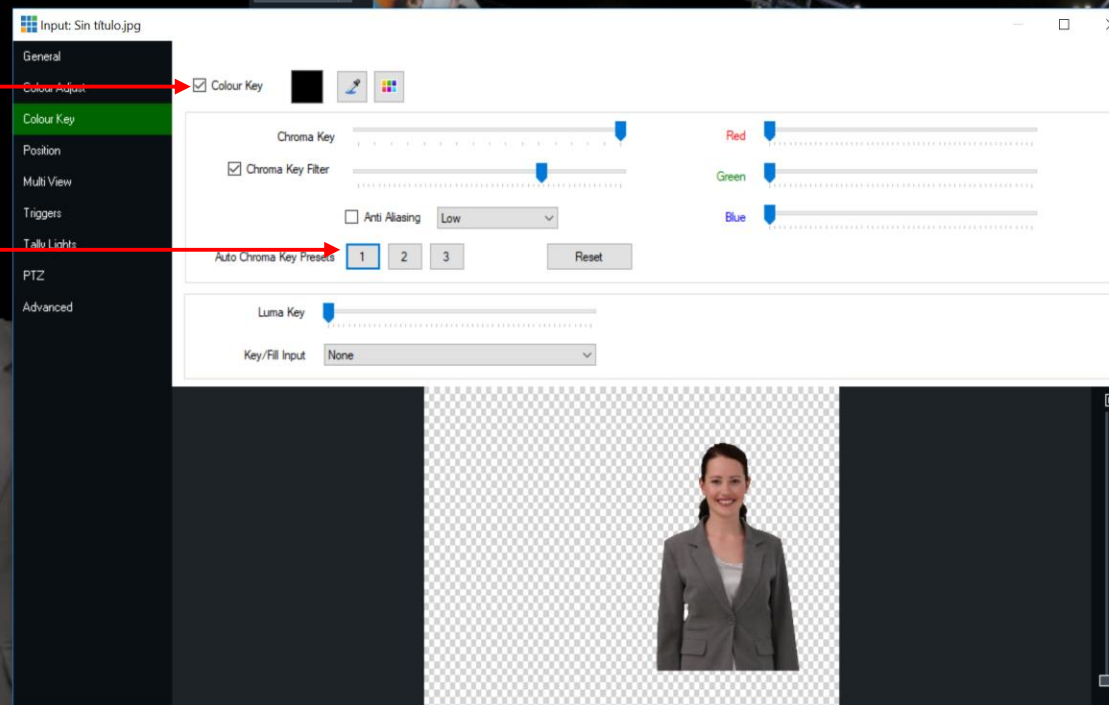
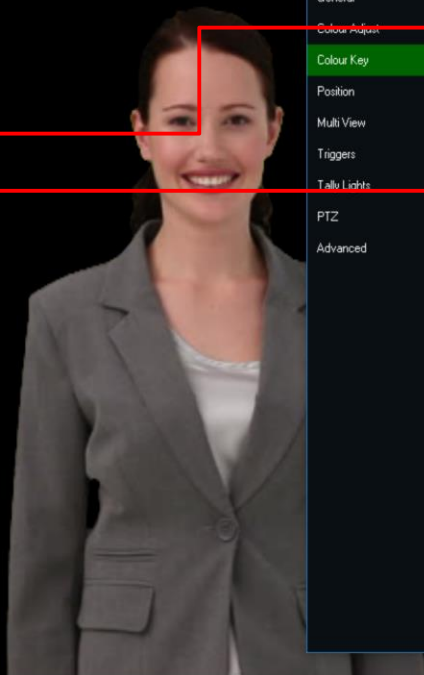
☒ Automatically Play with Transition

☐ Automatically Restart with Transition

☒ Automatically Pause after Transition

Adjust Colour key

- Select Colour key
- Click checkbox to accept Colour Key
- Click on Auto Chroma key preset number 1:
 - This will remove the chroma background
- Close on the right upper corner to accept



LAYERS

HOW DO THEY WORK



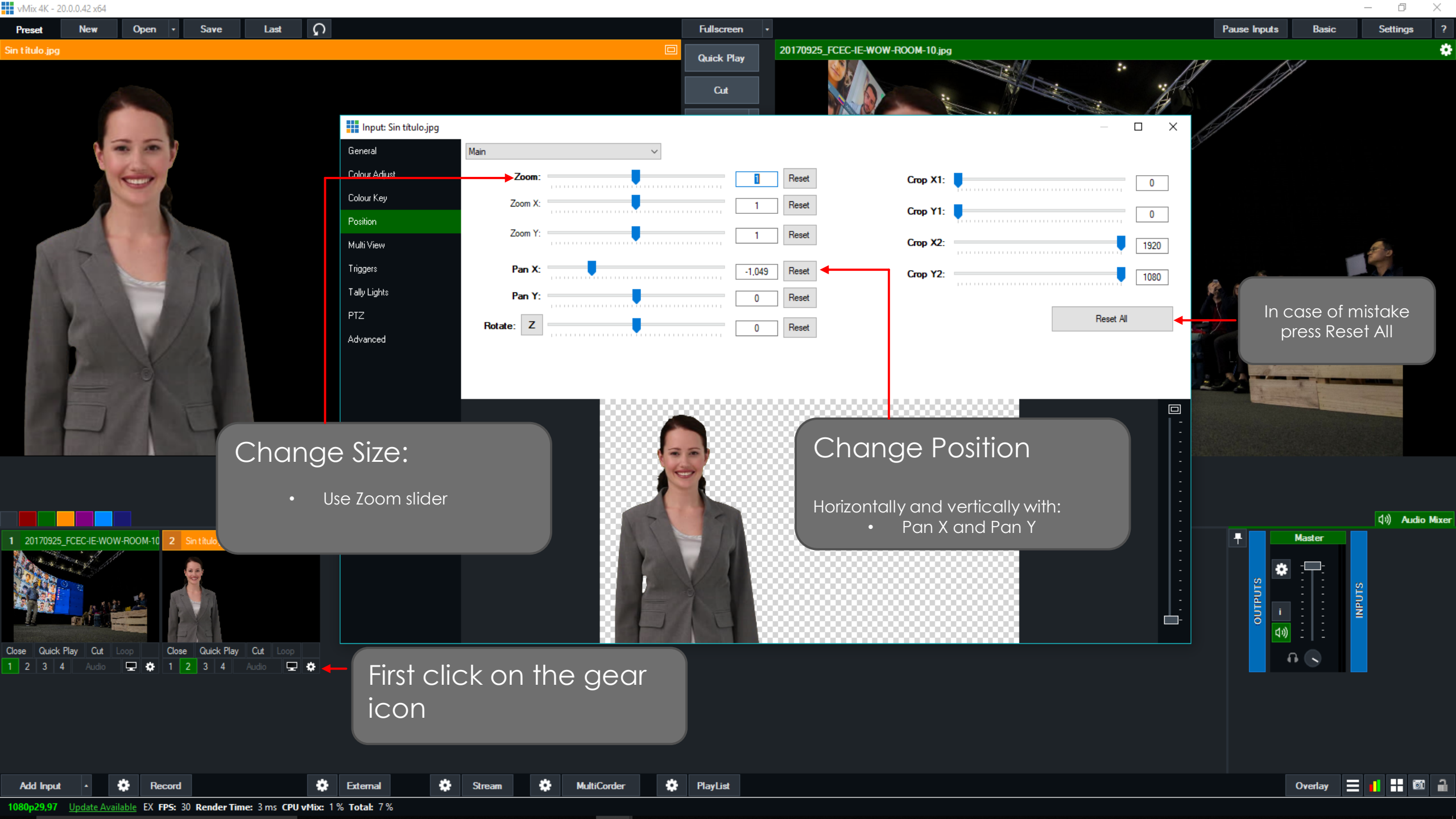
Vmix Works with layers:

- The lower the number the farther away, the higher the number the closer to the point of view.
- Always choose 1 for your background, and higher numbers for your layers



LAYERS

HOW TO CHANGE SIZE AND POSITION



Input: Sin título.jpg

- General
- Colour Adjust
- Colour Key
- Position
- Multi View
- Triggers
- Tally Lights
- PTZ
- Advanced

Main

Zoom: [Slider] [1] [Reset]

Zoom X: [Slider] [1] [Reset]

Zoom Y: [Slider] [1] [Reset]

Pan X: [Slider] [-1,049] [Reset]

Pan Y: [Slider] [0] [Reset]

Rotate: Z [Slider] [0] [Reset]

Crop X1: [Slider] [0]

Crop Y1: [Slider] [0]

Crop X2: [Slider] [1920]

Crop Y2: [Slider] [1080]

Reset All

In case of mistake
press Reset All

Change Size:

- Use Zoom slider

Change Position

Horizontally and vertically with:

- Pan X and Pan Y

First click on the gear
icon

Sin título.jpg



Fullscreen

Quick Play

Cut

Fade

Merge

Wipe

CubeZoom

FTB

1 2 3 4



20170925_FCEC-IE-WOW-ROOM-10.jpg



Pause Inputs

Basic

Settings

?



1 20170925_FCEC-IE-WOW-ROOM-10

2 Sin título.jpg



Close Quick Play Cut Loop

Close Quick Play Cut Loop

1 2 3 4 Audio

1 2 3 4 Audio

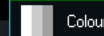
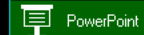
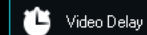
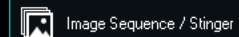
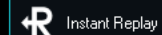
Audio Mixer



LAYERS

ADDING YOUR POWERPOINT PRESENTATION

Input Select



Please save and close any open copy of PowerPoint before selecting this option.

Browse

F:\Vmix Tutorial\Tutorial Studio 31.pptx
C:\Users\Studio31\Desktop\EMBA 2017 Sesion 9.pptx
C:\Users\Studio31\Documents\Writing Center\Writing Center PPT (1).pptx
C:\Users\Studio31\Desktop\Digital Transformation - new - one click.pptx
F:\1_ppt for videos\China_2018_2.pptx
F:\1_ppt for videos\10_supply side policies_2018_2.ppt
F:\1_ppt for videos\10_supply side policies_2018.ppt
F:\1_ppt for videos\9_commercial policy_2018.ppt
F:\1_ppt for videos\7_fiscal policy_2018.ppt
F:\text video v1.0.pptx
F:\Alumni Reunion2.pptx
F:\Alumni Reunion.pptx
F:\Executive Final.pptx
F:\VA -EMBA CF OCT-17\Sesion 1 y 2\EMBA 17 CF P-Programa_y_metodologia.pptx

Select Powerpoint

Browse your file

And click OK

Clear

OK

Cancel

1 20170925_FCEC-IE-WOW-ROOM-10

2 Sin título.jpg



Close Quick Play Cut Loop

1 2 3 4 Audio

Close Quick Play Cut Loop

1 2 3 4 Audio

Add Input



STUDIO 31

TUTORIAL



Order layers as desired, in this case:

- Background picture is layer 1
- Powerpoint is layer 2
- And to top it all, our video is layer 3
- In this case you can see that the Powerpoint covers the entire background, to solve that, change size and position
- Note that the position of a layer is defined by the numbers below each input and not in the order that they are aggregated





Adjust the position of your powerpoint, as explained before:

- Click Gear Icon on the powerpoint input
- Select position tab
- Adjust zoom and pan as desired



Input: Tutorial Studio 31.pptx - Slide1

General

Colour Adjust

Colour Key

Position

Multi View

Triggers

Tally Lights

PTZ

Advanced

Main

Zoom: 0.45925 Reset

Zoom X: 0.45925 Reset

Zoom Y: 0.45925 Reset

Pan X: 0.314 Reset

Pan Y: 0.404 Reset

Rotate: Z 0 Reset

Crop X1: 0

Crop Y1: 0

Crop X2: 1920

Crop Y2: 1080

Reset All



1 20170925_FCEC-IE-WOW-ROOM-10

2 Sin título.jpg



Close Quick Play Cut Loop

1 2 3 4 Audio



AUDIO

ADDING AUDIO INPUT

STUDIO 31

TUDICAL

Input Select

- Video
- DVD
- List
- Camera
- NDI / Desktop Capture
- Stream
- Instant Replay
- Image Sequence / Stinger
- Video Delay
- Image
- Photos
- PowerPoint
- Colour
- Audio
- Audio Input**
- Title / XAML
- Flash / RTMP
- Virtual Set
- Web Browser
- Video Call

Audio Device: Micrófono (2- HD Pro Webcam C920)

☐ Mute in Headphones

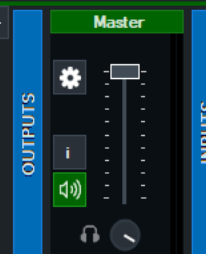
Add Audio Input

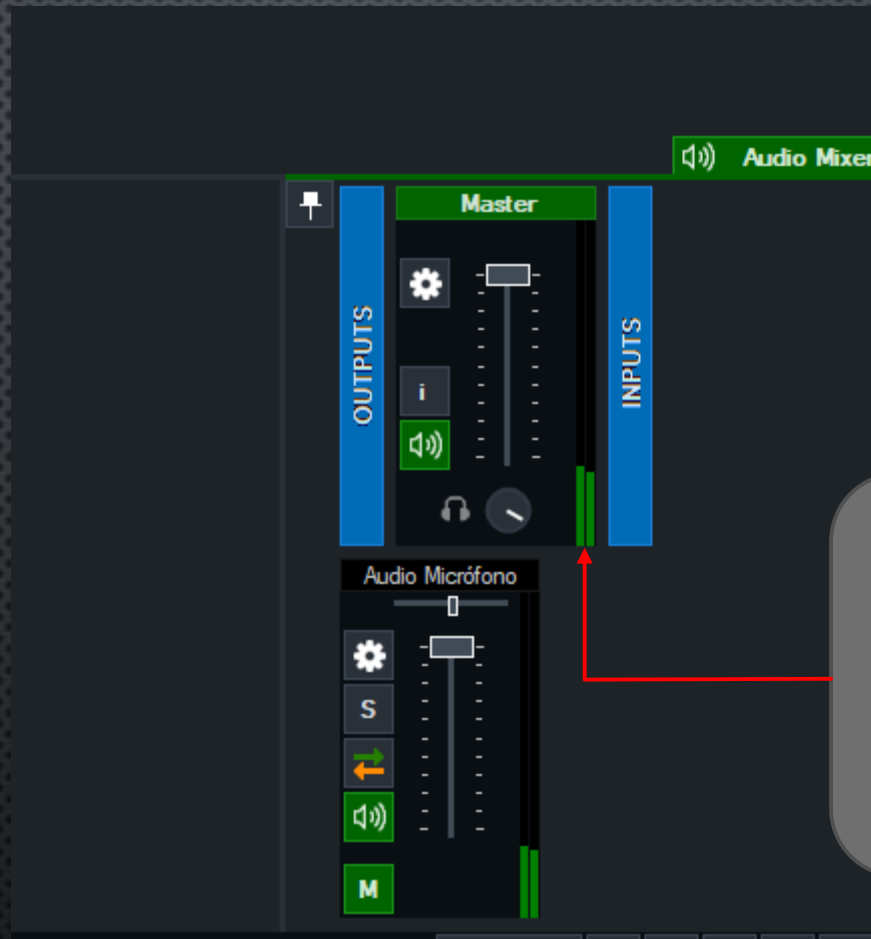
- Select Add Input
- Select Audio Input in the Input select menu
- Select Audio Device: Usually Webcam microphone

OK

Cancel

Audio Mixer





Make sure that the audio mixer is getting audio signal:

- Check the audio levels are moving in the Green bars in Outputs section

RECORD YOUR VIDEO

Blank

Quick Play

Cut

Fade

Merge

Wipe

CubeZoom

FTB

1 2 3 4

Blank

- Click on the Gear icon next to the Record Button
- Then select MP4 and select 1920x1080 size resolution
- Browse and select the name of your file
- When ready, press Record button
- To stop recording hit Record button again

Recording Setup

AVI
WMV
WMV Streaming
MP4
FFMPEG

Filename: C:\Users\Usuario\Documents\vmixStorage\capture.mp4
Browse

Size: 1920x1080

Frame Rate: NTSC 29.97p

Bit Rate: 8 Mbps

Profile: H264Baseline ☒ Use Hardware Encoder

Audio: ☒ Master

Audio Delay: 0 Milliseconds

Audio Bit Rate: 128 Kbps

New File Every: None Minutes

WAV File Record

OK Cancel



1 Blank 2 Blank

Close Quick Play Cut Loop 1 2 3 4 Audio

Close Quick Play Cut Loop 1 2 3 4 Audio

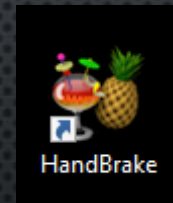
Audio Mixer

RECOMENDATIONS

- 1 HOUR VIDEO WILL HAVE APPROXIMATELY 3GB OF DATA
- ½ HOUR VIDEO WILL HAVE 1,5GB OF DATA
- NEXT WE WILL SHOW YOU HOW TO SHRINK YOUR VIDEO FOR THE DESIRED NEEDS

PROCESSING YOUR VIDEO


- IF YOUR VIDEO FILE IS TOO BIG
- OPEN HANDBRAKE WITH THE DESKOP ICON




Source Selection

Optionally choose a specific title: (none)

Then choose the video(s) you'd like to encode:

 Folder (Batch Scan)
Open a folder with one or more files.

 File
Open a single video file.

Select Your video file
from the location you
choose before

Cancel

Add to Queue Show Queue Preview Activity Log

apters through Duration

Browse

☐ iPod 5G Support

Cropping

- Automatic
- Custom

Top0

Left0Right0

Bottom0

Presets

- General
 - Very Fast 1080p30
 - Very Fast 720p30
 - Very Fast 576p25
 - Very Fast 480p30
 - Fast 1080p30**
 - Fast 720p30
 - Fast 576p25
 - Fast 480p30
 - HQ 1080p30 Surround
 - HQ 720p30 Surround
 - HQ 576p25 Surround
 - HQ 480p30 Surround
 - Super HQ 1080p30 Surround
 - Super HQ 720p30 Surround
 - Super HQ 576p25 Surround
 - Super HQ 480p30 Surround
- Web
 - Gmail Large 3 Minutes 720p30
 - Gmail Medium 5 Minutes 480p30
 - Gmail Small 10 Minutes 288p30
- Devices

+ Add - Remove Options

When Done: Do nothing

Source Cristina Simon

Title 1 (00:52:23) Angle 1 Chapters 1 through 1 Duration 00:52:23

Destination

File **Browse**

Output Settings

Container MP4 ☐ Web Optimized ☐ iPod 5G Support

Picture **Filters** **Video** **Audio** **Subtitles** **Chapters**

Size

Source: 720x480, PAR: 32/27

Width: 720 Height: 480

Anamorphic: Automatic

Modulus: 2

Output

Display Size: 853x480, PAR 32x27

Cropping

☒ Automatic

☐ Custom

Right

Presets

General

- Very Fast 1080p30
- Very Fast 720p30
- Very Fast 576p25
- Very Fast 480p30
- Fast 1080p30**
- Fast 720p30
- Fast 576p25
- Fast 480p30
- HQ 1080p30 Surround
- HQ 720p30 Surround
- HQ 576p25 Surround
- HQ 480p30 Surround
- Super HQ 1080p30 Surround
- Super HQ 720p30 Surround
- Super HQ 576p25 Surround
- Super HQ 480p30 Surround

Web

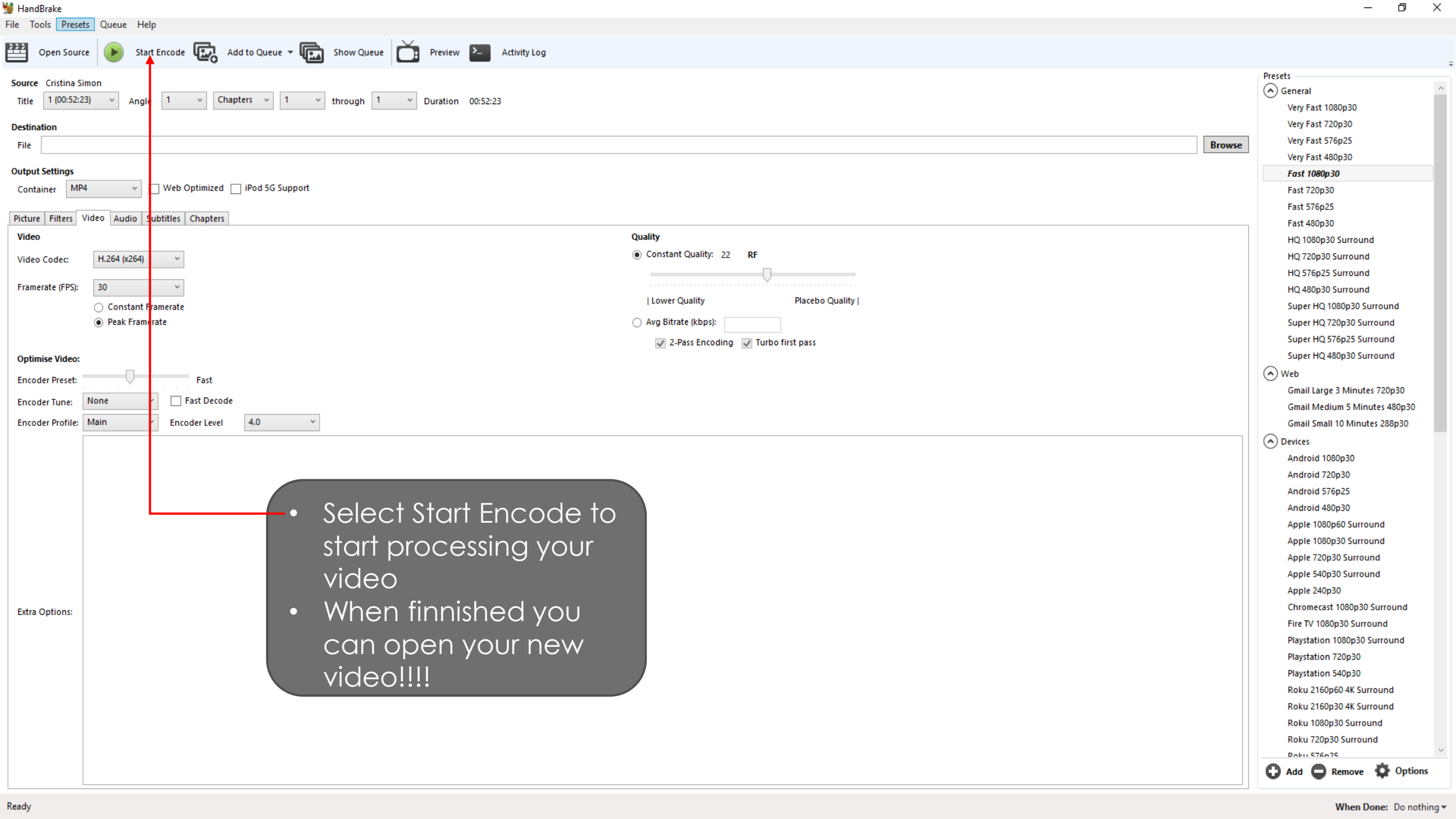
- Gmail Large 3 Minutes 720p30
- Gmail Medium 5 Minutes 480p30
- Gmail Small 10 Minutes 288p30

Devices

- Apple TV 2
- Apple TV 3
- Apple TV 4
- Apple TV 5
- Apple TV 6
- Apple TV 7
- Apple TV 8
- Apple TV 9
- Apple TV 10
- Apple TV 11
- Apple TV 12
- Apple TV 13
- Apple TV 14
- Apple TV 15
- Apple TV 16
- Apple TV 17
- Apple TV 18
- Apple TV 19
- Apple TV 20
- Apple TV 21
- Apple TV 22
- Apple TV 23
- Apple TV 24
- Apple TV 25
- Apple TV 26
- Apple TV 27
- Apple TV 28
- Apple TV 29
- Apple TV 30
- Apple TV 31
- Apple TV 32
- Apple TV 33
- Apple TV 34
- Apple TV 35
- Apple TV 36
- Apple TV 37
- Apple TV 38
- Apple TV 39
- Apple TV 40
- Apple TV 41
- Apple TV 42
- Apple TV 43
- Apple TV 44
- Apple TV 45
- Apple TV 46
- Apple TV 47
- Apple TV 48
- Apple TV 49
- Apple TV 50
- Apple TV 51
- Apple TV 52
- Apple TV 53
- Apple TV 54
- Apple TV 55
- Apple TV 56
- Apple TV 57
- Apple TV 58
- Apple TV 59
- Apple TV 60
- Apple TV 61
- Apple TV 62
- Apple TV 63
- Apple TV 64
- Apple TV 65
- Apple TV 66
- Apple TV 67
- Apple TV 68
- Apple TV 69
- Apple TV 70
- Apple TV 71
- Apple TV 72
- Apple TV 73
- Apple TV 74
- Apple TV 75
- Apple TV 76
- Apple TV 77
- Apple TV 78
- Apple TV 79
- Apple TV 80
- Apple TV 81
- Apple TV 82
- Apple TV 83
- Apple TV 84
- Apple TV 85
- Apple TV 86
- Apple TV 87
- Apple TV 88
- Apple TV 89
- Apple TV 90
- Apple TV 91
- Apple TV 92
- Apple TV 93
- Apple TV 94
- Apple TV 95
- Apple TV 96
- Apple TV 97
- Apple TV 98
- Apple TV 99
- Apple TV 100

+ Add - Remove Options

- Select your New file destination
- Select Video Quality as desired
 - If the file is still too big:
 - Select another video quality preset



- Select Start Encode to start processing your video
- When finished you can open your new video!!!!