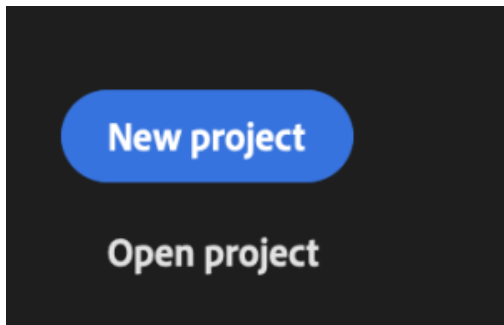
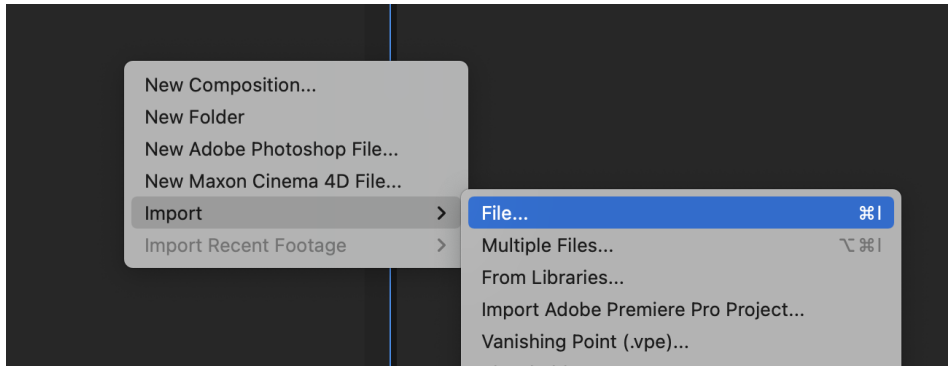
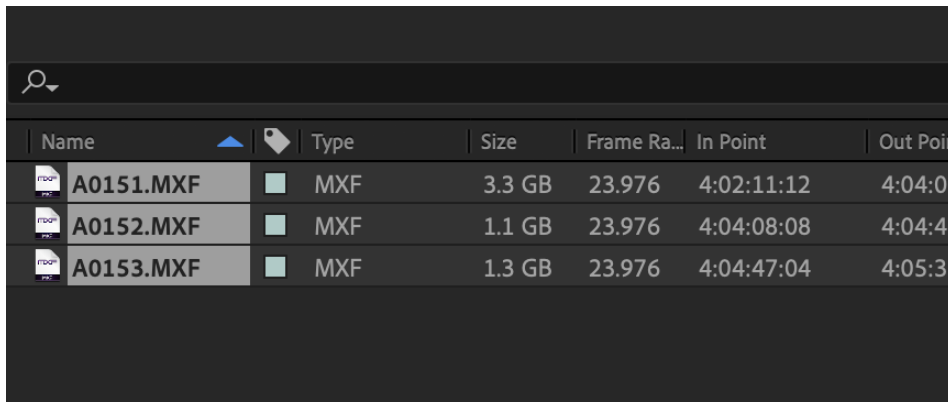
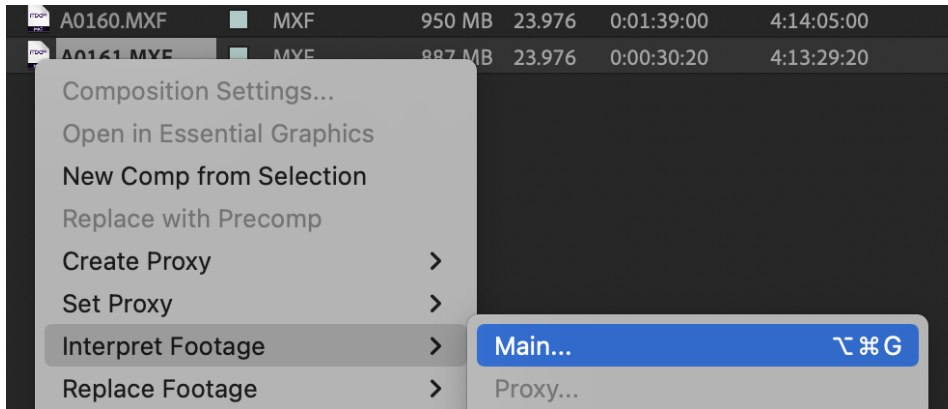


After Effects – Timewarp Effect Workflow to Create Quality Slow Motion Video

Open After Effects and Select >New project																									
Next Import the files to apply the timewarp effect >Rt. Click in the bin and choose >Import>File																									
Once all the clips are imported	 <table><tr><th>Name</th><th>Type</th><th>Size</th><th>Frame Ra...</th><th>In Point</th><th>Out Poi</th></tr><tr><td>A0151.MXF</td><td>MXF</td><td>3.3 GB</td><td>23.976</td><td>4:02:11:12</td><td>4:04:0</td></tr><tr><td>A0152.MXF</td><td>MXF</td><td>1.1 GB</td><td>23.976</td><td>4:04:08:08</td><td>4:04:4</td></tr><tr><td>A0153.MXF</td><td>MXF</td><td>1.3 GB</td><td>23.976</td><td>4:04:47:04</td><td>4:05:3</td></tr></table>	Name	Type	Size	Frame Ra...	In Point	Out Poi	A0151.MXF	MXF	3.3 GB	23.976	4:02:11:12	4:04:0	A0152.MXF	MXF	1.1 GB	23.976	4:04:08:08	4:04:4	A0153.MXF	MXF	1.3 GB	23.976	4:04:47:04	4:05:3
Name	Type	Size	Frame Ra...	In Point	Out Poi																				
A0151.MXF	MXF	3.3 GB	23.976	4:02:11:12	4:04:0																				
A0152.MXF	MXF	1.1 GB	23.976	4:04:08:08	4:04:4																				
A0153.MXF	MXF	1.3 GB	23.976	4:04:47:04	4:05:3																				
Next have to Interpret Footage Right click on the imported clip and choose >Interpret Footage <i>Can only do one clip at a time</i>	 <table><tr><td>A0160.MXF</td><td>MXF</td><td>950 MB</td><td>23.976</td><td>0:01:39:00</td><td>4:14:05:00</td></tr><tr><td>A0161.MXF</td><td>MXF</td><td>887 MB</td><td>23.976</td><td>0:00:30:20</td><td>4:13:29:20</td></tr></table>	A0160.MXF	MXF	950 MB	23.976	0:01:39:00	4:14:05:00	A0161.MXF	MXF	887 MB	23.976	0:00:30:20	4:13:29:20												
A0160.MXF	MXF	950 MB	23.976	0:01:39:00	4:14:05:00																				
A0161.MXF	MXF	887 MB	23.976	0:00:30:20	4:13:29:20																				

On the "Interpret Footage" menu, near the bottom is a section called "Other Options" to loop the footage.

Loop 2x for 50%, 4x for 25% etc.

Either way, you'll need to extend the duration of the Comp Settings to fit the new length (i.e. double for 50%).

Interpret Footage: A0168.MXF

Main Options

Color Management

Alpha

☐ Ignore

☐ Invert Alpha

☐ Straight - Unmatted

☐ Premultiplied - Matted With Color:

Guess

Frame Rate

☒ Use frame rate from file: (23.976 fps)

☐ Conform to frame rate:

23.976

 frames per second

Non-Drop Frame

▼

Δ 0:00:48:00

Start Timecode

☒ Use source timecode from file: 4:16:32:12

☐ Override start timecode:

4:16:32:12

 is 4:16:32:12 Base 24 non-drop

Fields and Pulldown

Separate Fields:

Off

 ▼

☐ Preserve Edges (Best Quality Only)

Remove Pulldown:

Off

 ▼

Guess 3:2 Pulldown

Guess 24Pa Pulldown

Other Options

Pixel Aspect Ratio:

Square Pixels

 ▼

Loop:

2

 Times

More Options...

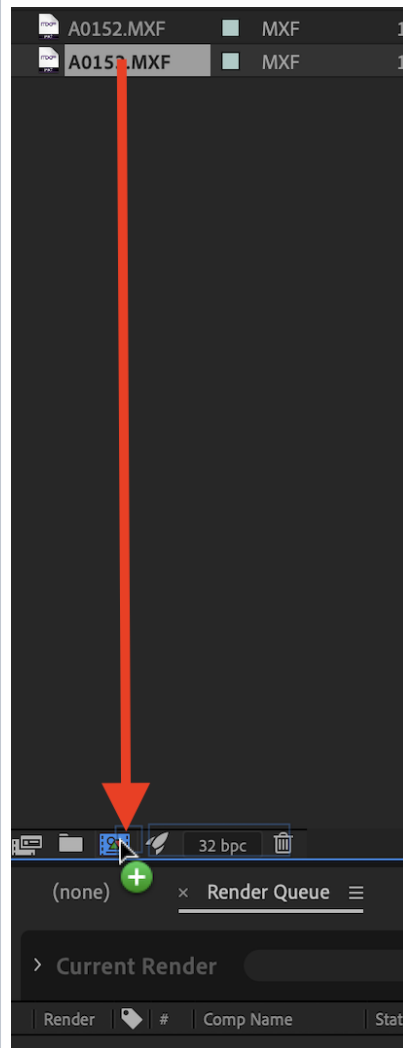
☐ Preview

Cancel

OK

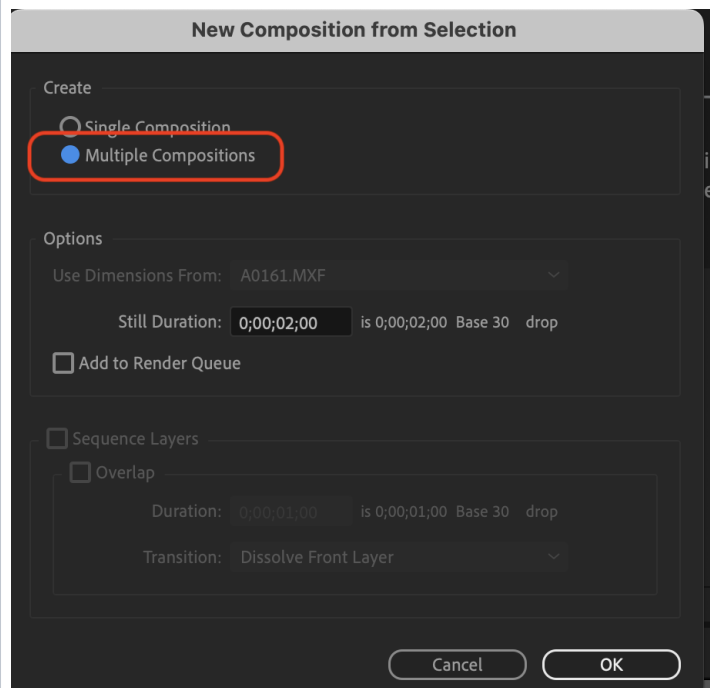
Make your composition by dragging your footage down and drop it on to the "New Composition" icon

Drag multiple clips if needed to the composition icon to make new compositions



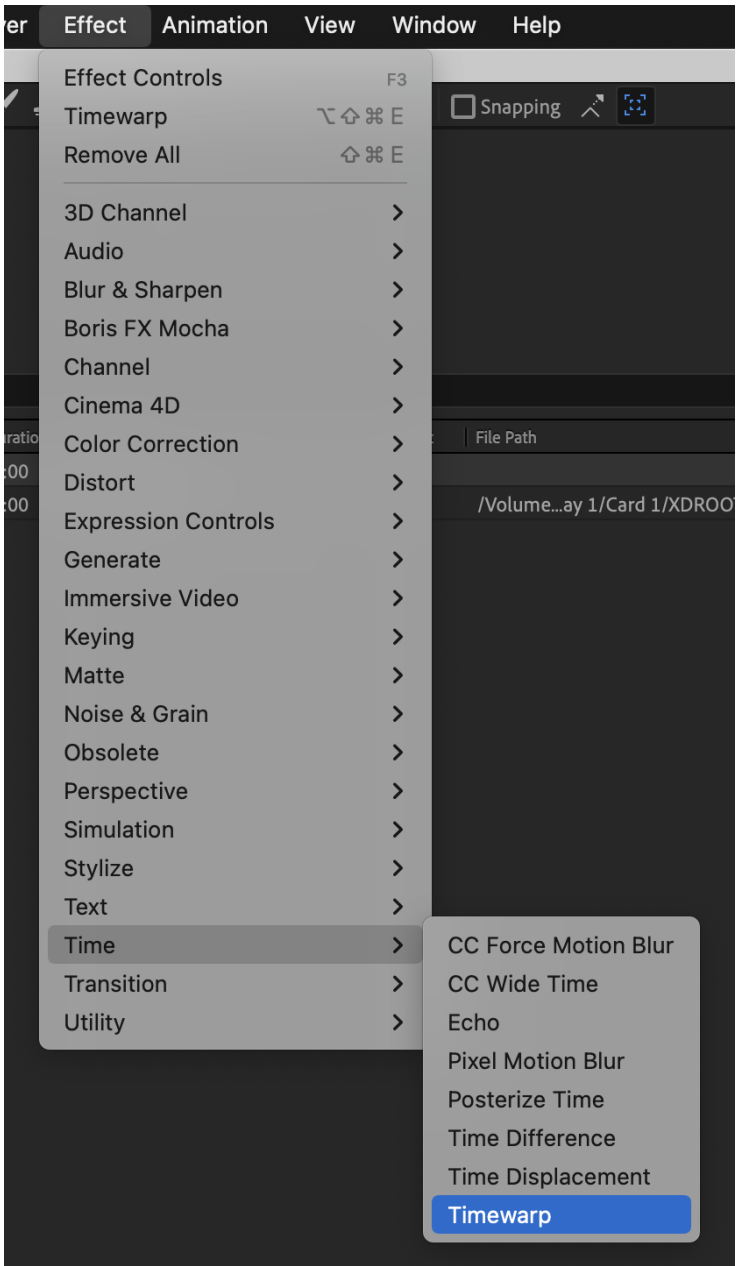
If you drag multiple clips down to the new composition icon then choose

>Multiple Compositions to make a composition per clip



Load a composition by double clicking it to load in the composition window

Apply the Timewarp effect on the clip loaded in the composition

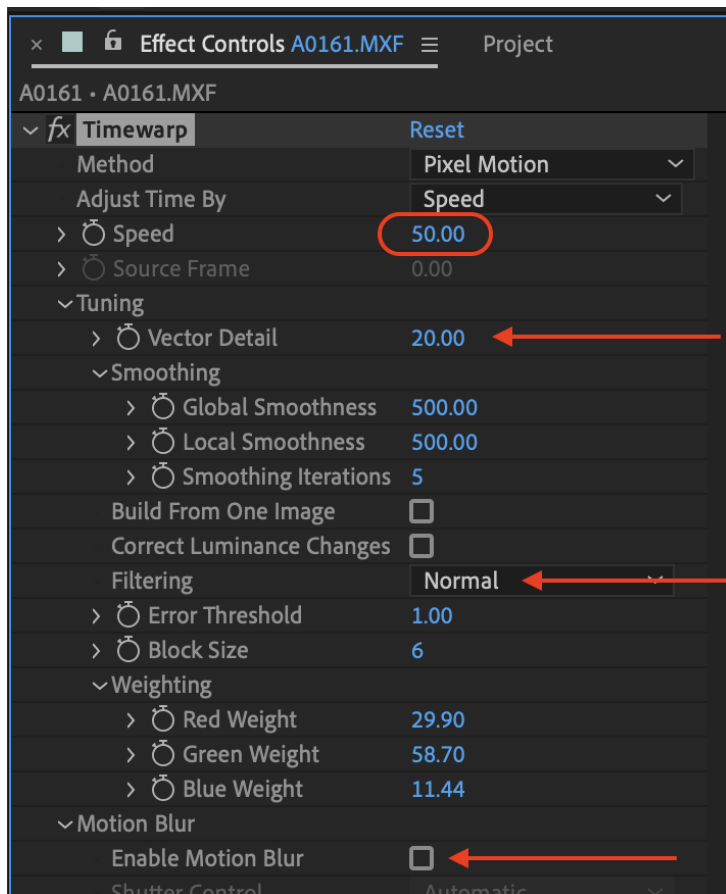


Adjust the Speed to desired value: (our example 50.00) %

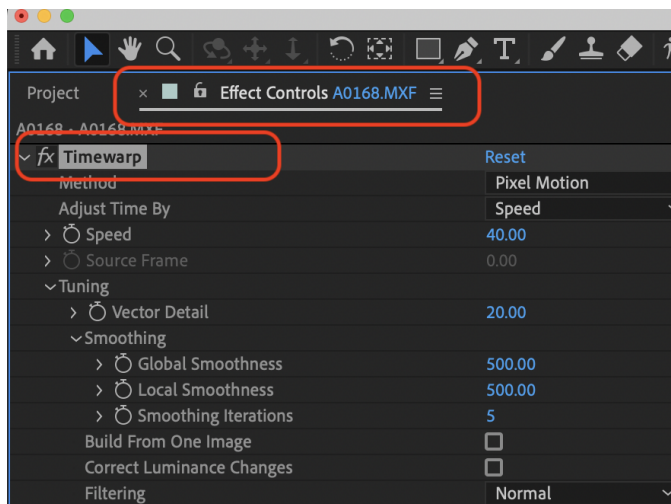
Tuning:
Set Vector Detail to the 50 to 60 value if you have lots of render time otherwise leave it at 20

Set the Filtering to Extreme if you have render time otherwise leave at normal

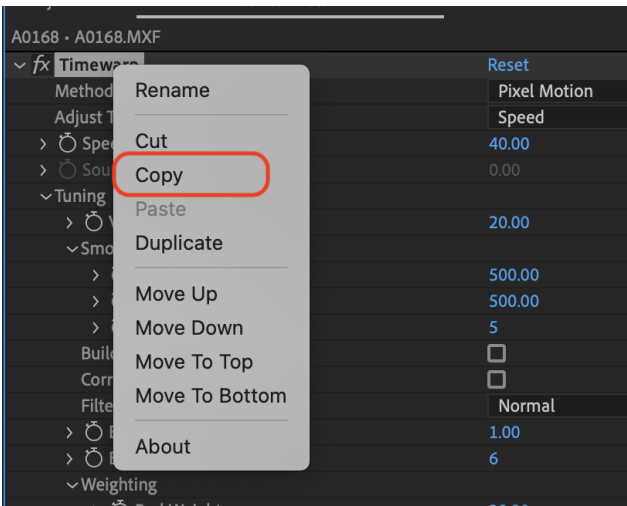
Motion Blur found that it can help but can make footage look weird so use with caution



When you have your effect set correctly in the Effect Control tab



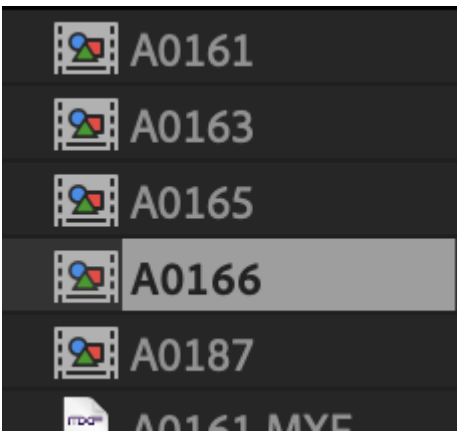
then right click on the effect and choose
>Copy



Load the next composition and choose
"Command V" to paste

Then the effect will be added to the
composition.

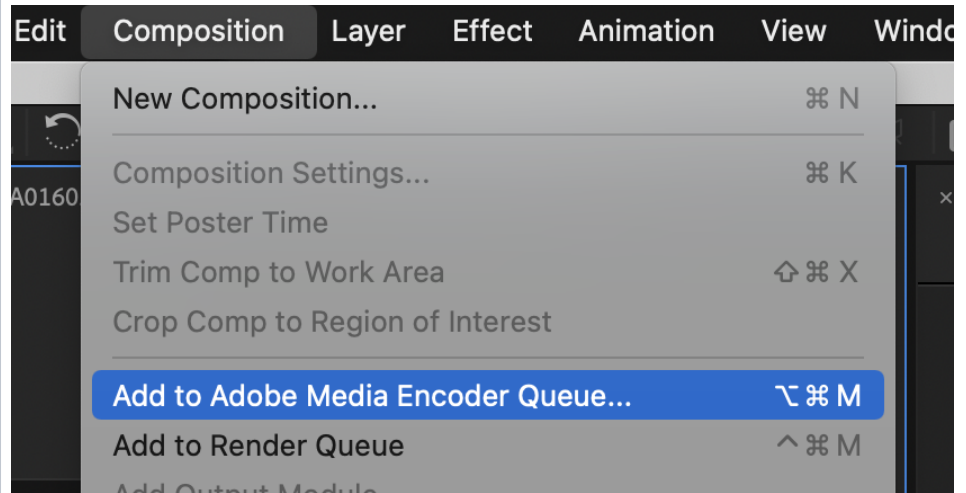
Once you have added your effects to all the
comps



Then select all the compositions to render
and choose

Name	Type	Size	Frame Ra...	In Po
A0159	Composition		23.976	4:11
A0160	Composition		23.976	4:12
A0161	Composition		23.976	4:12
A0162	Composition		23.976	4:13
A0163	Composition		23.976	4:14
A0165	Composition		23.976	4:14
A0166	Composition		23.976	4:15
A0167	Composition		23.976	4:16
A0168	Composition		23.976	4:16
A0159.MXF	MXF	1.1 GB	23.976	4:11
A0160.MXF	MXF	950 MB	23.976	4:12
A0161.MXF	MXF	887 MB	23.976	4:12

Add to Adobe Media Encoder Queue

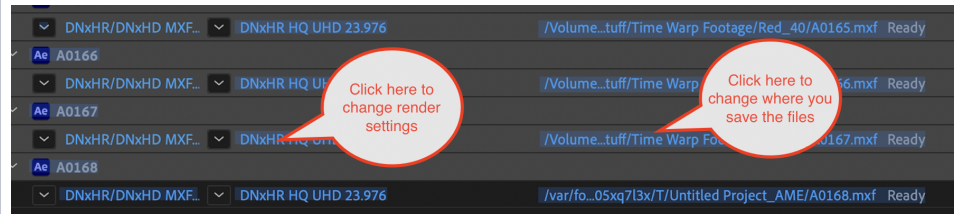
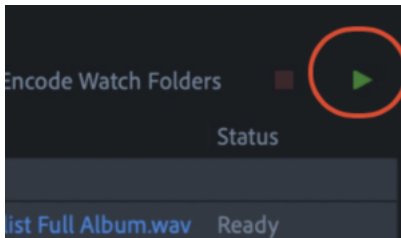


Once in Media Encoder you can have endless options for

exporting

Change the render settings and the file saved destination

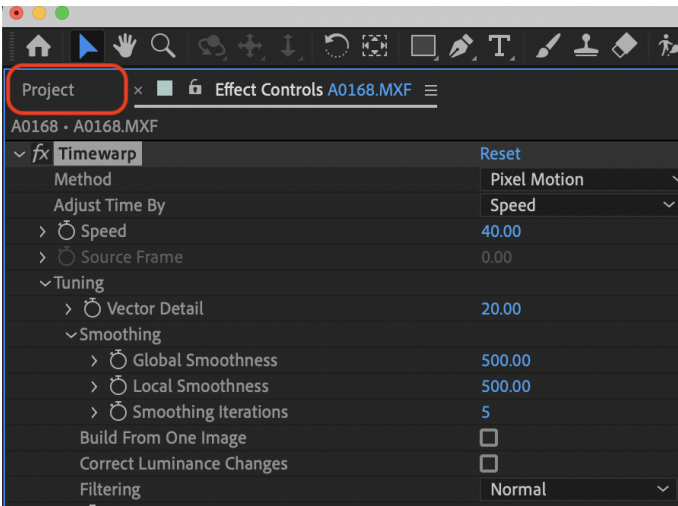
to start rendering click the green arrow in the top left of the window



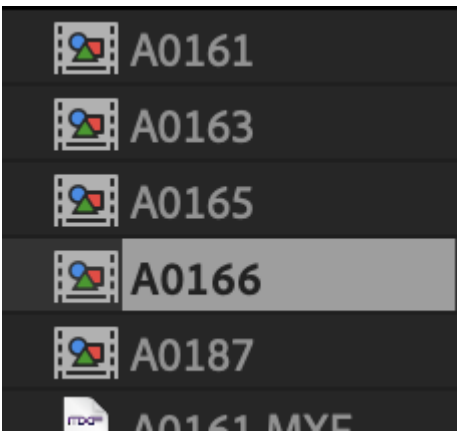
If you notice that your compositions are getting cut off and not rendering the entire clips

You might need to add length to your comps see the next steps

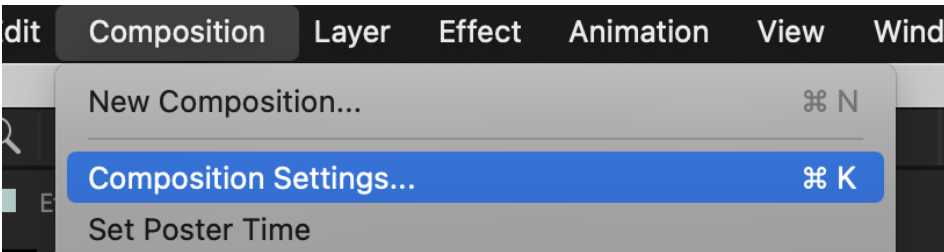
Click back on the Project tab



Double click one of the compositions to load into the composition window



>Composition>
Composition Settings

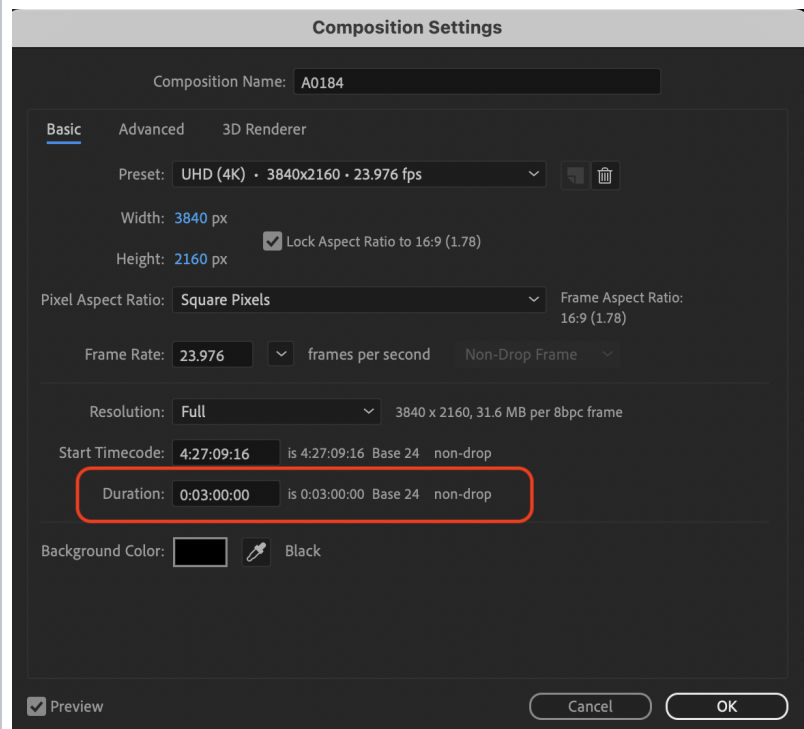


Note the Preset will match your clips resolution

But we need to change the timeline Duration here to be as long as we looped the clip in the previous step.

Ex Looped 2 x's make the timeline at least twice as long

Add an extra couple of minutes just to make sure you can extend your clip enough to show the entire clip.



You will also need to drag the end of the clip to the end of the composition

