PTE AV Studio - https://docs.pteavstudio.com/

# **Objects & Animation Editor**

## **O&A Editor**

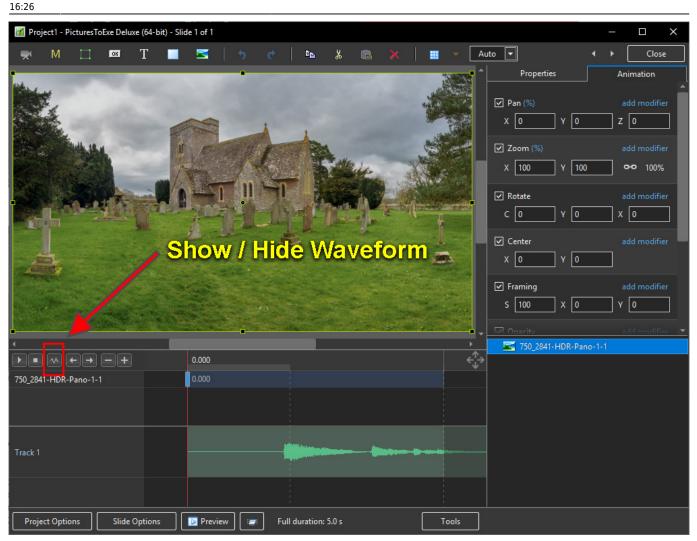
- The Objects and Animation Editor is shown below.
- The various elements of the window are identified.
- There are two tabs for controlling actions in the Editor, "Properties" and "Animation".
- Waveforms are shown in the O&A to aid synchronisation of Slides and Music/Commentary
- The "Close" Button Returns to the Main Window.



#### Show / Hide Waveform

• This feature is only available in the Deluxe Edition

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#### **The Tools Menu**

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en z		125%		Undo All Changes Redo All Changes	
		150% 175% 200% 250%		Show Grid Ignore Objects Not Selected Hide Selection on Pan/Zoom/Rotate	Ctrl+G Alt+I
	•	300%     400%     Full View of Waveforms     Show Waveforms	Ctrl+T	Show Safe TV Zone Show Global Times of Key Frames Key Frame Width Waveforms	Alt+G

#### • Click on Tools and Waveform to display the Waveform options

- The height of the Waveform can be selected between 100% and 400%
- The Full View of the Waveform is shown when the appropriate box is ticked
- The Compact View of the Waveform is shown when the box is un-ticked
- Clicking on Show Waveform (Hotkey Ctrl+T) toggles the Waveform display on or off



### The Grid

- Click on the Grid Icon to apply the Grid (Ctrl + G)
- · Click on the down arrow to show the Grid Options
- Select the colours of the Minor and Major Grid Lines
- Select "In Pixels" or in number of divisions per image
- There are 10 minor divisions between Major Grid Lines in the X and Y directions
- Select "Snap to Grid" on or off
- Select "offset" in X and Y directions

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			Properties	Animation
			Pan (px)	add modifier
			X 0 Y 0	Z 0 add modifier
			x 100 Y 100	add modifier
			🗹 Rotate	add modifier
	Hand.		C 0 Y 0	x 0
			✓ Center X 0 Y 0	add modifier
			✓ Framing	add modifier
	Grid options	×	s 100 x 0	Y 0
	Color(s)		Opacity	add modifier
	In pixels	20 🔽 20 🔽	A 100	add modifier
	Snap To g	rid 🖉 🖉 🗸	R 0	add modifiers
			Color correction	add filter
			Key frame time 0	ms et al.
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Project Options Slide Options	Preview Full duration: 5.0 s	Tools		



- Project Options Slide Options 📴 Preview 🖙 Full duration: 5.0 s
  - In Pixels Mode the size and AR of the grids are set by entering a fixed pixel dimension
  - The Grid is therefore made up of squares
  - With "In Pixels" turned off the size and Aspect Ratio of the grid is determined by the numbers set

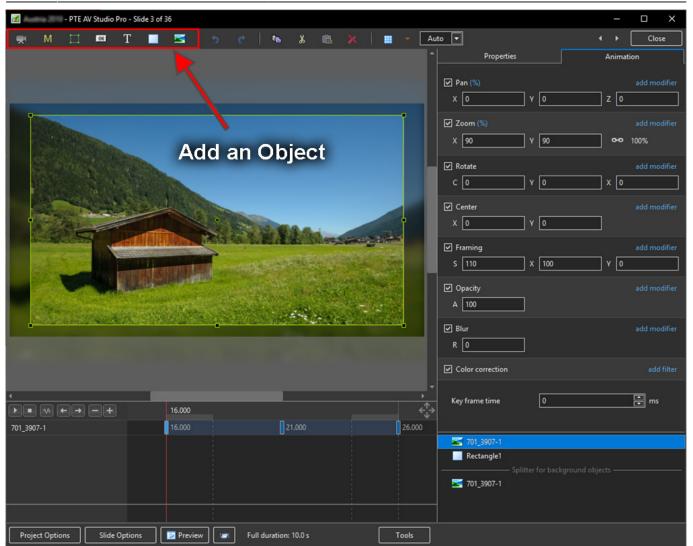
Tools

- In the first example above the Grid has been "Centred" by setting a 20×20 Grid
- The second example shows a "Rule of Thirds" Grid
- With "Snap To Grid" ticked the Image/Object will snap to a Major or Minor Grid Line in either direction if dragged close enough

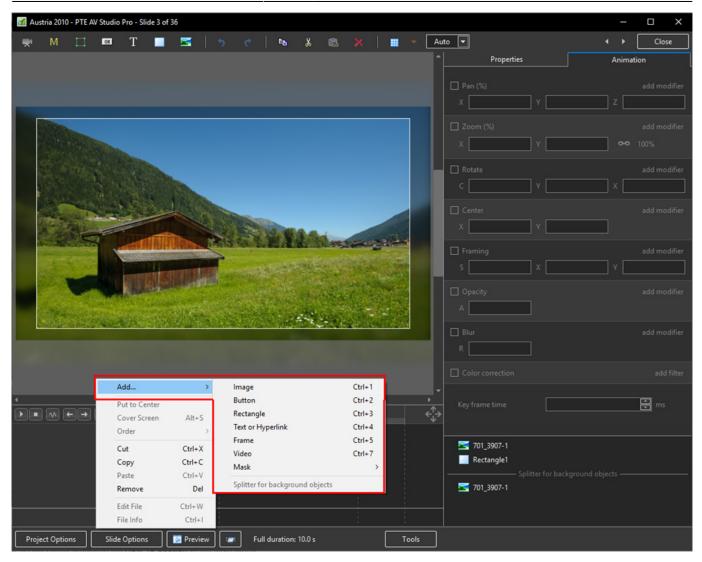
### Add an Object

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- Add a Video, Mask, Frame, Button, Text, Rectangle or Image Object
- Alternatively via the right click menu:



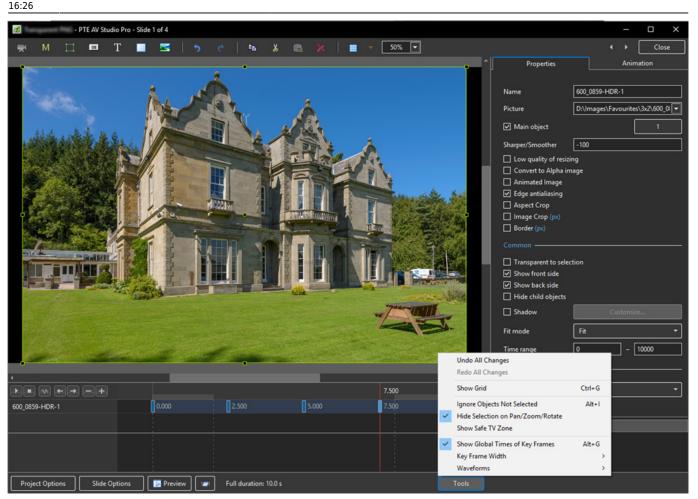
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• Please refer to Add Object articles in the How To Section of the Main Menu

#### **Tools Menu**

• Options in the O&A Tools Menu:

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- Undo all changes in the O&A Window for the Current (O&A) Session
- Redo all Changes reverses the action of the Undo All Changes command
- Show Grid (Ctrl+G) Toggles the Grid on or off See "The Grid" above for settings
- Ignore Objects not selected (Ctrl+I) Allows mouse selection of Objects behind other objects which are not selected
- Hide selection on Pan/Zoom/Rotate the green frame around an Object is hidden during a dragging or resizing operation using the mouse
- Show Safe TV Zone
- Show Global Times of Key Frames
- Key Frame Width Adjust Key Frame width from 100% 300%
- Waveforms Adjust the height of a waveform in the O&A Screen from 100% 400%

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