# **Project Options**

# Main Tab

### General

The "Main" tab is shown below :

Project Options	;					×
Main	Aspect ratio					
Audio	Aspect ratio	16:9	-			
Control	Timing					
Transitions Screen	Default slide duration	5.0 🛋 s	Apply to al	l slides		
Defaults	Background					
Advanced	<ul> <li>Solid color</li> <li>Gradient</li> <li>Image</li> <li>Color outside slide area</li> </ul>					
			0	к (	Cance	2

- "Aspect Ratio" enables the desired aspect ratio of the display screen to be selected. Users should consider the parameters of the main display for the show when selecting aspect ratio.
- "Timing" allows setting of the default time for all new slides and can be applied to all existing slides. A useful technique for certain types of show is to start with a standard duration and then modify the times of individual slides to suit the required application.
- "Background" allows the user to specify the type and/colour of the Background for all slides.

### **Aspect Ratio**

#### **Aspect Ratio of Images**

The aspect ratio of images from current cameras are normally:

- 3:2 Typically 3000×2000; 6000×4000
- 4:3 Typically 1024×768; 1600×1200; 4000×3000
- 16:9 Typically 1920×1080

#### Aspect Ratio of Monitors

- 4:3 Typically 1024×768; 1440×1080; etc
- 16:9 Typically 1280×720; 1920×1080; etc
- 16:10 Typically 1280×800; 1920×1200; etc

#### The Aspect Ratio of the Project

Typically, this chosen to suit the Aspect Ratio of either:

- The Camera Image's Aspect Ratio
- The User's PC Monitor
- The User's TV (Typically 1920×1080 at the time of writing)

Matching these choices is a sometimes daunting task for the beginner. If you want the ease of inputting your camera's images into a show without cropping, then an Aspect Ratio for the Project is chosen to suit the camera. This might result in the Show having "black bars" at the sides or top and bottom of the Monitor or TV.

If you want your show to "Fill the Screen" on your monitor or TV then the Aspect Ratio must be chosen to suit. This might result in the Camera's Images not filling the width of the Project or being cropped at the top and bottom of the screen.



The example above shows the full screen view (left to right) of:

- A 4:3 image in a 4:3 Project on a 4:3 Monitor Screen
- A 3:2 image in a 3:2 Project on a 4:3 Monitor Screen
- A 16:9 image in a 16:9 Project on a 4:3 Monitor Screen

#### Project Options







The example above shows the full screen view (top to bottom) of:

- A 4:3 image in a 4:3 Project on a 16:9 Monitor Screen
- A 3:2 image in a 3:2 Project on a 16:9 Monitor Screen
- A 16:9 image in a 16:9 Project on a 16:9 Monitor Screen

#### Which choice to make?

For the beginner, a starting point would be to make the Project Aspect Ratio the same as the Camera's Aspect Ratio. Images can then be dropped into a project without modification and immediately published as an EXE without further adjustments. As the user gets more proficient then choosing an Aspect Ratio to suit the output device (Monitor/TV) might be more appealing.

# **Audio Tab**

#### **Adding Audio Files:**

#### In Project Options / Audio Tab

M Project Options	5	— 🗆 X
Main	Add track Add audio file 🖍 🗙	00:00 02:32
Audio	Track 2:32	Original duration 3:32.663
Control	D:\1 usic\Mar\01 Two Teardrops.mp3 2:32	🗌 Link to slide 📃 🗮
Transitions		Offset 0:00.000
Screen		Start time 0:00.000
Defaults		
Advanced		Duration 2:32.326
		Fade In 0.0
	3	Fade Out 0.0 荣
		Volume (%) 100 🔽
		Soundtrack duration 2:32.326
		Loop the soundtrack
		Convert tracks to MP3 for EXE
		Bit rate 256 💌
	Get free music for your project 👍 💶 🔤	OK Cancel

Supported formats are:

Audio MP3, M4A, FLAC, OGG, WAV, WMA.

Videos MP4, MOV, AVI, WEBM, MPG, WMV, and more.

The following example shows a typical simple layout for the Project Options / Audio Tab:

Project Options	;	— <b>D X</b>
Main	Add track Add audio file 💉 🗙 🗖	00:00 03:53
Audio	Track 1 4:07	Original duration 3:32.663
Control		🗹 Link to slide 🛛 2 📮
Transitions		Offset 0:06.000
Screen		
Defaults		Start time 0:05.000 두
Advanced		Duration 3:53.254 두
		Fade In 1.5 🚔
		Fade Out 7.5 🚔
		Volume (%) 75 💌
		Soundtrack duration 4:07.254
		Loop the soundtrack
		✓ Convert tracks to MP3 for EXE
		Bit rate 256 💌
	Get free music for your project	OK Cancel

The Audio File in Track 1 can be seen to have the following properties:

The PLAY Button will play the 4min 20sec audio file in the highlighted Audio File for testing purposes

The Original duration of the file is 3min 32.663sec

The Audio File in Track 1 is linked to slide 2 and if slide two is re-positioned the Audio File will also be moved by the same amount in the Timeline (separate track).

(N.B. When an Audio Clip is initially linked to a slide its position may be adjusted manually using the "Offset" control - or dragged in the Timeline).

The Audio File is Offset by 6s with respect to the beginning of Slide 2 to which it is linked

The Start Time of the Audio File in Track 2 is 5s from the beginning of the original Audio File

The Duration of the audio file has been trimmed to 3m 53.254s

A Fade In of 1.5s has been applied to the Audio File in Track 2

A Fade Out of 7.5s has been applied to the Audio File in Track 2

The Global Volume of this track has been set to 75% of the original. Local variations are still allowed via the Envelope in the Timeline.

The total Soundtrack Duration is calculated as 4m 07.254s

All Tracks in the project will be converted to an MP3 at a Bit Rate of 256Kbps when an EXE file is created.(*Not available in the Essentials Edition*).

• Get Free Music For Your Project - Link to free music sources

#### **Renaming Tracks**

A Track can be renamed and/or designated to be a "Track for Audio Comments"

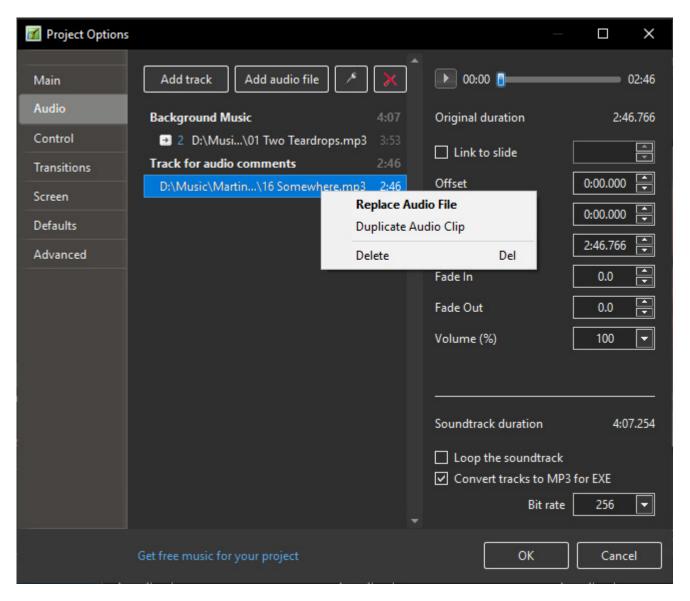
Right Click on the Track to bring up the options

Project Options	;	— 🗆 X
Main	Add track Add audio file 💉 🔭	Track Parameters 4:07.254
Audio	Background Music	Background Music
Control		 Track for audio comments
Transitions	Track for audio comments 2:46	
Screen	D:\Music\Martin\16 Somewhere.mp3 2:46	
Defaults		
Advanced		
		Soundtrack duration 4:07.254
		Bit rate 256 💌
	Get free music for your project	OK Cancel

#### **Right Click Menu**

The Options are

- Replace Audio File
- Duplicate Audio Clip
- Delete



### Convert tracks to MP3 for EXE

When this option is turned on, PTE AV Studio automatically converts all audio tracks to a single MP3 audio for the EXE show. The Bit Rate of the converted file can be adjusted from 64 to 320Kbps. High values are better quality.

This option is useful if you work with audio clips in WAV format or adjust the duration of clips using the Envelope Function. See Envelope. For maximum efficiency when using this feature the use of WAV files is advisable, though not essential.

This option will optimize the size of the EXE file.

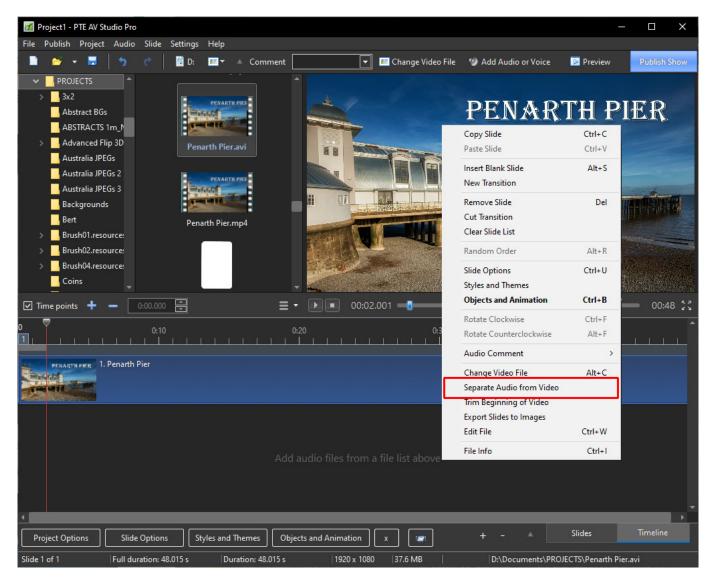
### **MP3 Recommendations**

When preparing MP3 Audio files for use in PicturesToExe the following is recommended:

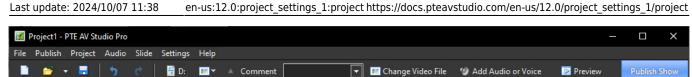
- Constant Bit Rate 128 256 Kbps
- Sample Rate: 44100 Hz
- Stereo

### Separating the Audio of a Video Clip to an Audio Track

- The Audio of a Video Clip can be extracted from the Video Clip and added to a New Track in the Timeline for the purpose of Editing the Audio.
- In the Timeline, right click on the Video Clip and choose "Separate Audio from Video".



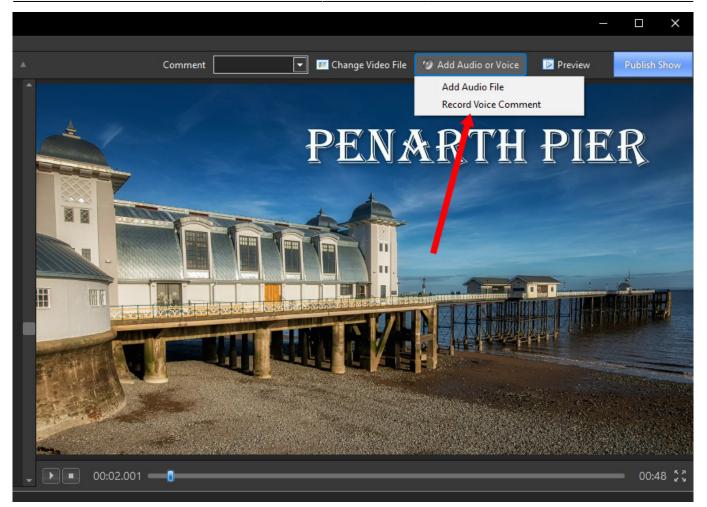
- The Audio of the Video Clip is extracted and added to a new track for editing with the Envelope etc
- The Audio in the Video is automatically MUTED in Objects and Animation



File Publish Project Audio Slide Settings Help	💽 🖬 Change Video File 🖤 Add Audio or Voice 🕟 Preview 🛛 Publish Show
<ul> <li>PROJECTS</li> <li>3x2</li> <li>Abstract BGs</li> <li>ABSTRACTS 1m_N</li> <li>Advanced Flip 3D</li> <li>Australia JPEGs</li> <li>Australia JPEGs 2</li> <li>Australia JPEGs 3</li> <li>Backgrounds</li> <li>Bert</li> <li>Brush01.resource:</li> <li>Brush04.resource:</li> <li>Coins</li> </ul>	<image/>
0 0:10 1 0:10 PENARTHERE 1. Penarth Pier	
Construction of the last set of the set	
Project Options     Slide Options     Styles and Themes     O     Slide 1 of 1     Full duration: 48.015 s	bjects and Animation x + - Slides Timeline   1920 x 1080   37.6 MB   D:\Documents\PROJECTS\Penarth Pier.avi

### Adding Audio or Voice Comments

Audio Clips and/or Voice Comments can be added to a Slide using the "Add Audio or Voice" Tool or by clicking on the "Microphone" icon in the Project Options/Audio Tab.



Click on "Add Audio File" to browse for the required Audio File and clicking on "Open" adds the file to an empty track. It can then be positioned in the Timeline and its envelope adjusted as required.

Record Voice Comment to see the following.

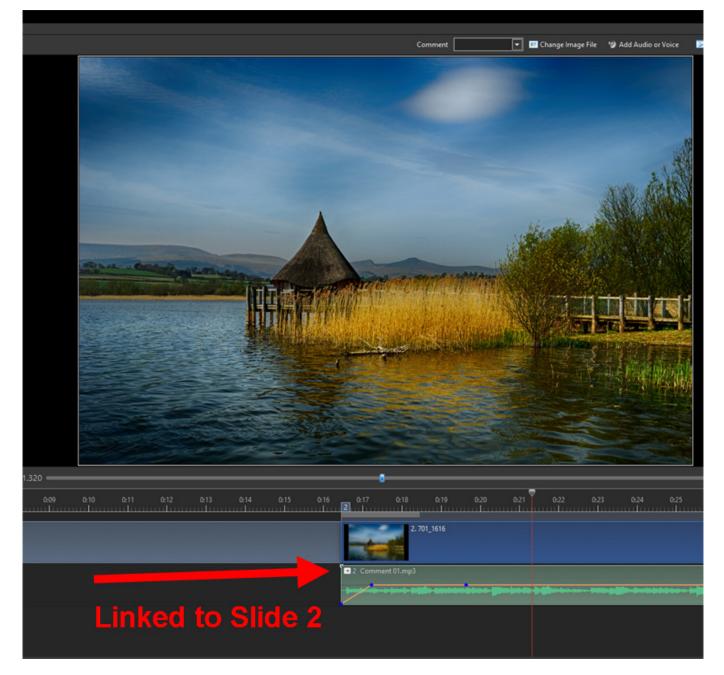
Click on "Record Voice Comment" to see the following:

🜠 Record Voice Comment			×
Codec	МРЗ	•	
Channels	Stereo	-	
Bit rate	192kbps	•	
Frequency	44100Hz	•	
Record Device	Primary Sound Capture Driver	-	
Back to Recording			
		Cancel	

- You can choose to record as MP3 or WAV
- You can choose Mono or Stereo recording
- You can choose Bit Rates from 32 to 320kbps
- The Recording device will vary according to the users system

When finished you can return "Back to Recording".

Click on "Record" to start the recording and "Stop" when finished. The Voice Comment is added to an empty track and linked to the current slide.



It is also possible to record the Voice Comment in "real time" while the Mini-Player is running or in the Audio Tab of Project Options.

N.B It is not possible to Automatically Adjust or Lower the Volume of the Background Track when a Voice Comment is added / played. Lowering or adjusting the Volume of the Backing Track must be done Manually using Keypoints in the Envelope Function of the Audio Track.

Also see Timeline View

### **Control Tab**

The "Control" tab with its 4 sections is shown below :

Last update: 2024/10/07 11:38 en-us:12.0:project\_settings\_1:project https://docs.pteavstudio.com/en-us/12.0/project\_settings\_1/project

Project Options							$\times$
Main	Show settings						
Audio	Action after the last	slide	Close show	•			
Control	Keyboard	88 					
Transitions			r Right key) to show ne				
Screen	Permit control o			xi silde			
Defaults	Mouse						
Advanced	Exit on mouse m						
	Left mouse button		No action	•			
	Right mouse button		Next slide	•			
	Mouse cursor		Auto hide	• 3	▲ ▼ 5		
	Navigation ———						
	Show Navigation	n Bar	Customize				
🗹 Custom	nize Navigation Bar					×	
Style	Vi	deo player	-	Previous s	lide	_	
🗸 Auto	hide		3 🏝 s	Next slide			
Fade in			200 📫 ms	Exit			
Fade out			300 🎽 ms				
Scale			9 🔻				
		_					
	I			00:00/00:	00 🗖	• =	
						•	
				ОК	Can	cel	
				ОК		Cance	I

## Show Settings

- Action after last slide:
  - Close Show
  - Repeat Show
  - Stop Show

### Keyboard

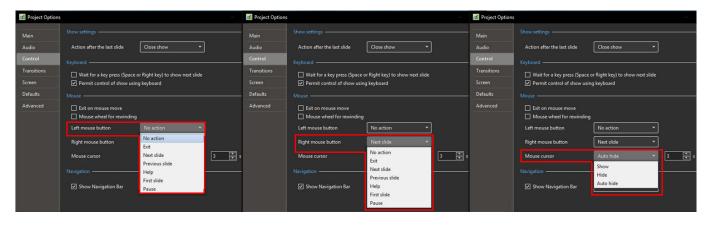
The "Keyboard" section:

- Wait for key press .... Selecting this option enables a show to be controlled manually and applies to the whole show. An alternative method is to use the settings in "Slide Options/Main", but note that this applies to individual slides only. Note also that this option works whether the second option is selected or not.
- **Permit control of show using keyboard** This second option is provided to enable the user to override the default time of individual slides. For example the slide duration may be 10s. By selecting this option the next slide in the Slide line can be made to appear before the 10s has elapsed.

For many shows, it is likely that a user would leave these two options un-selected.

### Mouse

The second section deals with mouse actions. These settings are independent of the "Keyboard" settings.



Various alternative actions are available. Most of these should be self-explanatory. The "mouse wheel for rewinding" allows the show to be re-wound when in the play mode.

### **Navigation Bar**

The last section controls operation of the "Navigation Bar". If "Show Navigation Bar" is selected, an additional dialog box shown below opens when the "Customize" button is clicked and a navigation bar opens on screen during playback. This enables the user to perform various operations as specified in the customize dialog box. Note that the show needs to be set to "wait for keypress..." or individual

slides set to "wait for keypress to show next slide", if a manually operated slide show is required.

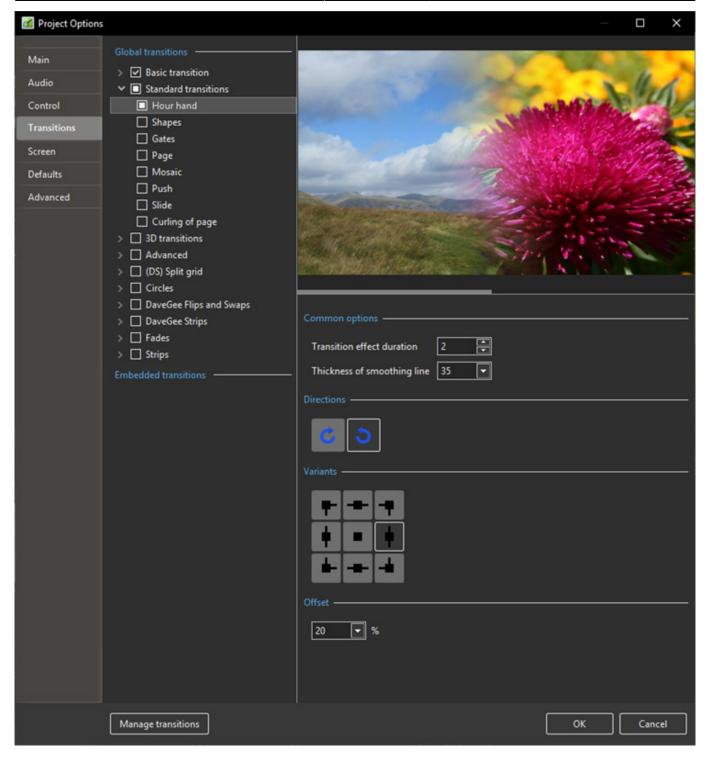
- Styles Options are:
- Air Style
- Sky Style
- Video Player Style

🚮 Customize Navigation Bar			×
Style ☑ Auto hide Fade in Fade out ☑ Scale	Video player       ▼         3       ▼         200       ▼         300       ▼         3       ▼	] s [ ] ms [	<ul> <li>✓ Previous slide</li> <li>✓ Next slide</li> <li>✓ Exit</li> </ul>
II « » –	0	0:00/00:00	•
			OK Cancel

# **Transitions Tab**

The "Transitions" tab is shown below with one of the various types of transitions selected to show the range of controls which can be applied to each transition. The range of parameters which can be controlled varies with the type of transition selected. The default transition is "Dissolve". At the top righthand side is a viewer which shows the effect of the transition selected.

Selections made here become the Default Transitions for the Project.



Some Built-in Transitions have some extra adjustments:

- Transition Effect Duration the duration of the effect can be changed here
- Thickness of Smoothing Line Lower Settings produce a hard edged transition; higher settings produce a softer edge
- Offset varies the position of the rotation of the effect

See also:

**Custom Transitions** 

# **Screen Tab**

The "Screen" tab with its 3 sections is shown below :

Project Options	;		_		×
Main	Screen				
Audio	Mode	Fullscreen 👻			
Control	Sharpness control				
Transitions					
Screen	Unsharp mask	None 🔻 0 💌			
Defaults	Watermark				
Advanced	Show watermark				2
	Offset	20 Right-Bottom			•
	Opacity	100 🔽			
	Size	30 🔽			
		ОК		Cano	el

Mode

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Project Options	;					$\times$
Main	Screen					
Audio	Mode	Fullscreen		-		
Control	Mode	Fullscreen	_			
Transitions	Sharpness control ———	Windowed with borde	ers			
Screen	Unsharp mask	Windowed without bo	orders			
Defaults	Watermark					
Advanced						
Auvanceu	Show watermark					
	Offset	20 🔻 Right-I	Bottom			<b>•</b>
	Opacity	100 🖵				
	Size	30 🖵				
				ОК	Car	cel

# **Unsharp Mask**

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-------------------------------	--

M Project Options	5	-	- [		X
Main	Screen				
Audio	Mode	Fullscreen 👻			
Control	Sharpness control				
Transitions Screen	Unsharp mask	Best for animation 🔹 30 💌			
Defaults	Watermark ————	None Best for static			
Advanced	Show watermark	Best for animation Custom	_		2
	Offset	20 💌 Right-Bottom		-	-
	Opacity	100 🖵			
	Size	30 -			
		ОК		Cancel	

- Unsharp Mask applied here will affect all objects in all slides in the whole Project
- The effect can be viewed in real time in the SLIDE VIEW

### Watermark

• Add a Watermark

This enables the user to add a watermark to all images. Select a file to use as a Watermark via the Browser and adjust the parameters as required.

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M Project Options	5		— <b>D X</b>
Main	Screen		
Audio	Mode	Fullscreen 👻	
Control	Sharpness control		
Transitions			
Screen	Unsharp mask	Best for animation	
Defaults	Watermark ————		
Advanced	Show watermark		
	Offset	20 💌 Right-Bottom	 •
	Opacity	100 - Left	
	Size	30 Right	
		Bottom	
		Center	
		Left-Top	
		Right-Top	
		Right-Bottom Left-Bottom	
		UK	Cancel

# **Defaults Tab**

This Tab is not available in the Essentials Edition.

The "Defaults" tab with its 2 sections is shown below :

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🜠 Project Options					×
Main	Text comment for new slides				
Audio	Customize font	lı	nsert ten	nplate	
Control					
Transitions					
Screen					
Defaults					
Advanced	Apply to all slides				
	Main image for new slides				
	Display shadow behind slide image Customize				
	Apply to all slides				
	100 💌 % of the slide to show main images				
	Apply to all slides				
	Cover				
	Apply to all slides				
		OK	:	Ca	ncel

#### Main Image for New Sides

If "Display shadow behind slide image" is selected, the "Customize" button will allow the parameters of the shadow to be selected, e.g. color/size/shape etc.

The next control affects the size of the slide ; if the slide size is 100% then no shadow will be seen. Note also that this control can be used in conjunction with the "Screen/Background" tab to control the background color on which the slide appears. The "Apply to all slides" button should be used as described previously to apply the changes to all slides already inserted into the Slide line.

If Cover is ticked then all new slides will be in Cover Mode - (See O&A Properties / Fit Mode)

Apply to All Slides will make this setting for all existing slides

#### Text comments for new slides

📶 Customize font for text com	ments —	
AR BERKLEY		•
в / <u>U</u>	Center	-
Color		
Line spacing		0 💌
Size		4.0 🔻
Offset		6.52 💌
	-	
Position on a slide:	Тор	`
Position on a slide:	Lop Custon	nize
		nize
✓ Drop shadow		nize
Drop shadow   Apply to all slides <b>Text comm</b>	Custon	nize
Drop shadow   Apply to all slides <b>Text comm</b>	Custon	nize
✓ Drop shadow Apply to all slides	Custon	nize
Drop shadow   Apply to all slides <b>Text comm</b>	Custon	nize

Text comments for new slides

This provides a facility to insert text into slides and control the text formatting. The normal practice is to click on the "Insert template" button and choose the text required to be inserted.

The code for this text will then appear in the box below the "Customize font" button.

Additional text items can be added if required. When all the text items have been added, clicking the "Customize font" button will reveal the dialog box shown below and the added text can be formatted as required.

A comment is required regarding the point in time at which this setting is applied.

If applied BEFORE any slide have been added to the Slide list, then the text additions will apply to all slide subsequently added.

If however this setting is selected AFTER slides have been added, then the "Apply to all slides" button must be clicked to ensure that the change is applied to all the currently added slides.

Note also that if the user wishes to remove the added text, it is necessary to go into the dialog box, deleted the text and then click the "Apply to all slides" button to remove the text from all added slides.

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# **Advanced Tab**

This Tab is not available in the Essentials Edition.

The "Advanced tab with its 3 sections is shown below :

Project Options		
Main	Protection of slideshow	
Audio	Ask for Password	
Control	Time limited usage	Hide settings
Transitions	Expire after	30 🖨 days
Screen	Number of runs	10 times
Defaults	Expire date	1 🛱 1 🛱 2109 🖨
Advanced		Month Day Year
	Message	Sorry, but trial period of this show has expired
	Advanced options ————	
	Custom windows	Show settings
	Icon for executable file	
	Synchronize soundtrack and	Sector sect
	Pause when slideshow wind	
	Run application or slideshow on e	
	Do not run 🔻	
		OK Cancel

Enter the properties required to Protect a show with Password etc

## **Advanced Options**

Custom Window:

https://docs.pteavstudio.com/

25/29

2025/08/22 03	:04		25/29		Project Options
M Project Options	5		– 🗆 X		C
Main	Protection of slideshow				 
Audio	Ask for Password				
Control	Time limited usage	Show settings		Customize Windows	C ×
Transitions Screen	Advanced options			Help window	K
Defaults	Custom windows	Show settings		Show help on F1 keypre	ss n
Advanced	Icon for executable file				Curtomize S
	<ul> <li>Synchronize soundtrack and</li> <li>Pause when slideshow windo</li> </ul>			Add Window1	Customize X
	Run application or slideshow on ex			Window name	O
	Do not run 🔹			<ul> <li>✓ Pause when this window</li> <li>✓ Use this window as help</li> </ul>	v is shown
					e
					OK Cancel t
					i
					n
			OK Cancel		g s
					"

Click on "Add" to create as many Custom Windows as require

Use the Drop down Menu to select a Custom Window to Customize.

Click on "Customize" to create / adjust the appearance of the Custom Window - see illustration below

An "Action on Mouse Click" can be programmed to show the Window and configured in Objects and Animation

See also - Objects and Animations / Action on Mouse Click Properties Tab

🜠 Wir	ndows Ed	litor																	×
	м		08	Т		M	5		1	*	6			Auto	·	۲	• [	Clos	•
												-1	Pre	operties			Animatio	n	
												ľ							Â
													Name		Text1				
													Sharper/Smo	other	-100				٦
													Text						
			1										iext —						
			1	1EL	РГ	ME	ssa	GE					Font Name			AR DAF	LING	•	·
													в / ц	Į					ור
				C	ose Cus	stom Win	dow						Help Messa						5
				0									nep messa	ge					
4																	Insert te	t templa	te
												€‡⇒	Alignment		Cente	r			7
Text1													Line spacing		0				- -
													care sporting		Ľ				nt
													✓ ■ Rectang						
													• Rectang						
													T Text1						
Proje	ect Optio	ins	Slide	Options		👂 Prev	iew 👔	1			Tools								

#### Add a rectangle

Add a Text Box with the message that you want to display etc

Add a Button configured to "Close Window" when clicked

Click on "Close" and OK the action (twice)

Please go to Objects and Animation Properties Tab Display a Custom Window

		be placed on how long a Pictures To Exe application can
Project Options	;	ur – – – – – – – – – – – – – – – – – – –
Main	Protection of slideshow	
Audio	Ask for Password	ect
Control	Time limited usage	Hide settings a
Transitions	Expire after	30 🖨 days dia
Screen	Number of runs	10 times box
Defaults	Expire date	1 ÷ 1 ÷ 2109 ÷
Advanced		Month Day Year wh
	Message	Sorry, but trial period of this show has expired Ch
	Advanced options	allo ws vai 
	Custom windows	Show settings S
	Icon for executable file	exi iry
	Synchronize soundtrack and	
	Pause when slideshow wind	low becomes inactive ion s to
	Run application or slideshow on e	
	Do not run 🔻	) ect ect ed.
		OK Cancel

**Assign icon for executable file**: This allows the user to select an icon from those stored on their computer or from an icon which has been created.

The chosen icon will be associated with any exe file created from Pictures To Exe

**Synchronize soundtrack and slides**: It is recommended that this option is ALWAYS selected. If not, when playing a show from part the way through, the associated audio tracks will start from the beginning whereas the slides will start from the chosen position;

**Pause when slideshow becomes inactive**: If selected, the slideshow will pause in its execution if the focus is moved to another application which is running.

### **Run Application or Slideshow on Exit**

Project Options	;		_	
Main	Protection of slideshow			
Audio	Ask for Password			
Control	Time limited usage	Show settings	]	
Transitions	Advanced options			
Screen			<u></u>	
Defaults	Custom windows	Show settings	J	
Advanced	Icon for executable file			
	<ul> <li>Synchronize soundtrack and</li> <li>Pause when slideshow wind</li> </ul>			
	Run application or slideshow on e	xit		
	Do not run 🔻			
	Do not run			
	Run Application			
	Run Slideshow			
			ОК	Cancel

The final section "Run application or slideshow on exit" provides a feature to enable a subsequent application to run on completion of a show. This feature can be used to chain a number of shows together into a single continuous process.

When Run Application or Run Slideshow are selected the follow Window appears and shows the Options available.

Run Application	<ul> <li>"D:\Documents\PROJECTS\Shepherd.exe"</li> </ul>	
Run only when las	st slide has been shown	
9 Kun only when its	at side has been shown	
) Run on any exit (ir	ncluding Esc key)	

Permanent link: https://docs.pteavstudio.com/en-us/12.0/project\_settings\_1/project

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