

User Manual V1.3



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Thank you for purchasing Lightbox 3

Lightbox 3 is one of a range of products we offer specific to the heritage marketplace. We are confident that we have other products you will find useful and look forward to dealing with you again soon.

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What is Lightbox 3?

Lightbox 3 is an incredibly flexible software package that allows you to build, manage and edit your multimedia interactives without requiring any particular technical or programming skills. Put together highly engaging, elegant and beautiful presentations for visitors to explore.

1. Installing Lightbox

1.1 Before You Start

Lightbox requires the Adobe AIR Environment to function. You can install this from here;

get.adobe.com/air/

We recommend this software be installed upon a machine with a clean installation of Windows 7 or Windows 10 with all Microsoft Windows updates completed. The machine should be prepared for commercial use with the un-installation of any non-required software (bloatware) and disabling of any inherent touch gesture controls such as edge swipes for Windows 10.

1.2 Installing Lightbox

- 1. Begin installing Lightbox by running the Lightbox-3.exe application.
- You will then be given a prompt where you can choose the installation location and whether you want to add a shortcut icon to the desktop or begin Lightbox after the installation is complete. Click continue.
- After clicking continue, the installer will begin to install Lightbox. This will take a few moments to complete depending in your computer specifications.
- 4. When the installer is finished Lightbox 3 will begin to launch if you have chosen that option. When Lightbox 3 opens for the first time, you will be prompted to set a language and give your display a unique name. This will help identify it easier when you are using more than one copy of Lightbox.
- 5. If you have an activation code for Lightbox, you can enter it here along with your name, organisation details and tag. If you choose not to fill this in, Lightbox 3 will automatically run in demo mode.

Application Insta	1	- • ×
	Lightbox 3	
	Installation Preferences	
	Add shortcut icon to my desktop	
	Start application after installation	
	Installation Location:	
	C:\Program Files (x86)	2
	Continue Cancel	
Application Install		

Lightbox 3

Cancel



Set Content Language	
Please select the default language of your content. You can add	Demo Mode ×
Language English V	This copy of Lightbox is running in Demo Mode. Add your Lightbox licences to unlock features.
Specify country	Manage Licences
Specify script	
Display name English	Previous • • • Finish
Previous • • • Next	

1.3 Lightbox Overview

Now that you have Lightbox 3 installed, you can have a look at the manager – which we refer to as the "back end" of Lightbox. This is where you will create your interactives and manage the settings of your software.

% light	nx ³ Screens	•
Scre	Attractor	
🖪 Libra	y	
🍘 Ther	es 🕀	
🔅 Setti	gs Home Screen	No screen selected Select a screen to view options.
¥ Laur		
Version 3.0 © 2018 Black	97-97	

The Manager is divided into four different tabs for easy navigation, which are as follows:



- Screens This is where you create the screens that your visitors will interact with which include the Home page, Category Pages, Sub Category Pages, Attractor Screen and Media Collections.
- Library Your media content is stored in here which includes your audio, images and videos.
- **Themes** Here you manage and customise the look of your software, with options to change the default background, font size / type / colour and the button options etc and customise the web browser.
- **Settings** This is where you can view your general settings such as the idle time before the attractor screen comes on, the management of licenses and changing of the admin pin.
- Launch This is how you go from the manager to the live interactive.

Admin PIN (must be 6 digits)

874100

In the **Settings** tab, you will find your **Admin PIN** which must be set to six digits. Lightbox automatically sets the pin as "874100" but you can change the pin to something more memorable.



2. Adding / Editing Your Content

All of your multimedia content is managed in the 'Library' section - here you can add content / edit titles, descriptions and add custom thumbnails for audio or video files.

₫ lightbox3	Library	(q. faard)
Screens	Al meda () items) 🖸 🖪 🕫 🤨 💱 Tole	👻 🦷 🧏 👘 Henrit Filters
💼 Library		
P Themes		
O Settings		
f Launch		
Version 3.0 0 2018 Blackbox av		

Step 1 in creating your custom interactive is to import the multi-media content that you wish to use.

Note: you can display content by various 'time of imports' including 'last import' for this reason it's usually easier to import the content you wish to display on a per screen basis.

Organize 🕶 🔚 Preview Print B	um	New folder		10 · 11	4
Favorites	-	Name	Date modified	Type	
E Desktop		Above the clouds	04/08/2015 11:50	JPEG image	
Downloads		Apollo 11 Crew	11/03/2013 12:47	JPEG image	
L Google Drive		E Buzz Aldrin	11/03/2013 12:45	JPEG image	
32 Recent Places		Earth at night	21/02/2018 10:08	JPEG image	
Catch!		Earth from Space Station	21/02/2018 10:06	JPEG image	
		Earth from Space	20/02/2018 12:16	JPEG image	
词 Libraries		Earth pictured from space	21/02/2018 10:07	JPEG image	
Documents		E Earth	21/02/2018 10:08	JPEG image	
J Music		😰 Footage of Space	20/02/2018 12:14	MP4 Video	
Fictures	10	🖬 Galaxy	21/02/2018 10:08	JPEG image	
Videos		E Image by Apollo 12	11/03/2013 12:46	JPEG image	
		Limage of Space	04/08/2015 12:00	JPEG image	
👰 Computer		😰 Moon Landings 1969	11/03/2013 02:02	MP4 Video	
💒 Acer (C:)		San Moons Landscape	11/03/2013 12:42	JPEG image	
CATA (D:)		Niel Armstrong	11/03/2013 12:41	JPEG image	
HOLLY (F:)		🔊 Night sky from Mountaintop	20/02/2018 12:16	JPEG image	
DVD Drive (G:) OFFICE14		🔊 Night sky	21/02/2018 10:07	JPEG image	
gmshare (\\BB-DC) (M:)		E Purple Space	20/02/2018 12:13	JPEG image	
🖵 General (\\B8-DC) (V:)		Space Background	21/02/2018 04:26	JPEG image	
STORAGE (\\EPSON05DCC3) (Z:)	1.28	Space station with concept shuttle	21/02/2018 10:07	JPEG image	
🤱 Samsung Galaxy S7		🔛 Star System	21/02/2018 10:07	JPEG image	
Se Network					
ADMIN-PC					
ANNETTA-BRPC-PC					
1 88-DC					
CHRIS-PC	1.20				

To add content to LB3 first gather all of your multi-media files together.

Then drag and drop the files into the Lightbox library - Lightbox will process and then import your files.

Importing File 4 of 21	
Footage of Space.mp4	
	Cancel



Lightbox will then notify you when this process is complete. If your import returns errors, please double check the file format to make sure it is supported.



From here, you can view your files and make changes.

To edit an item, select it and the following information will appear on the right hand side, which includes details of when it was imported and which screens the file is connected to.

Lightbox will automatically take the file name as the title when importing but if you would like your title to be different, simply click **Edit Item** where you can add a title and description. Or simply double click the library item to go straight to the editor screen.







Update the title and description here, for videos you can change the thumbnail, (which Lightbox otherwise automatically grabs for you).



To change the thumbnail, simply hover over the **Thumbnail** section and click the **Change** button, which brings a dropdown menu where you can choose to upload a custom thumbnail of your own or grab the current frame the video is on (play the video and pause on a frame you wish to use here).



Editing an audio file is a similar process to above, you can choose a custom thumbnail to display from your computer.

Note: you can set a default audio thumbnail from the settings screen.







The best way to import your content is to add it as you go instead of importing all at once, as you have the option to view content by the Last Import which makes your content easier to find when you're working with multiple interactives.

You can also filter your content by media type using the buttons along the top;

Library

















Beach head WWII





AT SEA BACKGR... Artillery Bombar...



Jattle of Okinawa

🖾 Battle of Peleliu

С vide blackbox LB3Log...







3. Creating a Media Collection Screen

Creating a screen is done in the 'Screen' section of the manager; simply use the 'Plus' button on the top right hand corner and choose the Media Collection Screen option from the dropdown menu.





The Media Collection Screens determine what content you share with your visitors and how it's displayed.

- **General** This is where you can edit the title, description, background and what theme is applied to the interactive.
- Media Here you can choose which content you want to have displayed.
- Layout This is where you can determine how the interactive is laid out to your visitors.



You can add a **title** and **description** which will then appear in the preview. Leaving the title and description blank will remove the left sidebar from the screen entirely.

Media Coll	lection Screen 01		Info
Media Layout	SPACE SPACE Space is the boundless three- dimensional extent in which objects and events have relative position and direction. Physical space is often concleved in three linear dimensions, atthough modern physicidis years to the standard standard standard standard standard standard standard atthough modern physicidis years waily of		Screen name Media Collection Screen 01 Constant: Display Madia Calection Screen Modified 2228/2018 2:44:23 PM Constant P
	consider it, with time, to be part of a boundies four-dimensional continuum known as spacetime. The concept of space is considered to be of fundamental importance to an understanding of the physical universe. However, disagreement continues between philosophers over whether it is itself an		Style Theme DEFAULT Custom background Title & Description
	entity, a relationship between entities, or part of a conceptual framework.		Title SPACE Secretarian Description Source is the bounders three-dimensional extent in which caples and events have relative position and direction. Physical space is often encodeved in three linear dimensions, although modern physicsts usually consider 4 with three, to be part of a bounders bour-dimensional continuum throm as spacetime. The concept of space is considered to
	Preview Settings:	Resolution: This Screen v 1920 × 1080	Save Cancel

In the **Media** tab, you can view the items that you have imported and choose which ones to display on this media collection screen.





Media Coll	ection Screen 01		
Seneral	21 items	Select from Library Arrange Items	
Иedia	Above the clouds		
ayout.	Apollo 11 Crew		
	Buzz Aldrin		
	Earth		
	Earth at night		
	Earth from Space		
	Earth from Space Station		
	Earth pictured from space		
	Footage of Space		
	Galaxy		
	Image by Apollo 12		
	Image of Space		
	Moon Landings 1969		
	Moons Landscape		
	Niel Armstrong		
	Night sky		
	Preview Settings:	Resolution: This Screen × 1920 × 1080	Save Ca

From here, you can arrange the items in whatever order you wish by clicking on the **Arrange Items** tab and choosing which option you would like. This is how they will display in the front end.



The Layout tab is where you can choose how to show your content to visitors.

Media Collection Screen 01		
General		Side Panel
Layout SPACE		Button gap 15 Text gap 10 H Padding 30 V Padding 15
Space is the boundless three- dimensional extent in which objects and events have relative position and direction. Physical space is often conceived in three linear dimensions, although modern physicists usually consider it, with time, to be part of a	Above t Apollo 1 Buzz Al Earth Earth at Earth fr Earth fr Earth pi	Tiles Size 150 × 150 © Show labels Label gap 5
boundless four-dimensional continuum known as gazetime. The concept of space is considered to be of fundamental importance to an understanding of the physical universe. However, disagreement continues between philosophers over whether it is its its an	Footage Galaxy Image b Image o Moon L Moons Niel Ar Night sky	Grid Horizontal gap 15 Vertical 15 Bodding 16 15 15
entity, a relationship between entities, or part of a conceptual framework.	Night s Purple S Space B Space st Star Sys	rauung 12 15 17
Preview Settings:	Resolution: This Screen 💙 1920 🛪 1080	Save Cancel



For example below we have set the options of a background at 25% opacity, the thumbnail size set to 700 x 760, no media labels with no horizontal or vertical gaps.

SPACE

Space is the boundless three dimensional extent in which objects and events have relative position and direction. Physical space is often conceived in three linear dimensions, although modern physicists usually consider it, with time, to be part of a boundless four-dimensional continuum known as spacetime. The concept of space is considered to be of fundamental importance to an understanding of the physical universe However, disagreement continues between philosophers over whether it is itself an entity, a relationship between entities, or part of a conceptual framework.



Depending on how many media collection screens you want, you will need to repeat this step a few more times.

Once you've added your 'media collection screens', they will appear in the **Screen** section. If there is no homepage allowing access to the screens they will be in the '**unlinked screens**' section.

nlinked Screens							
ROMAN EMPIRE	ANCIENT EGYPT	NWWI	SPACE	IN LAND	AT SEA	IN THE AIR	Vietnam War

Note: Unlinked simply means there is no menu screen allowing access to the media screens from the front end. Menu screens are explained in the next section.



4. Adding Menu Screens

To begin creating a menu screen, you'll need to navigate back to the **Screens** section and click the **Plus** button, choosing **Media Screen** from the dropdown menu. This will create a new menu screen.

New Screen		
Menu Screen		
Media Collection Sci	reen	



The menu screen creation works in exactly the same way as the media collection screen; however in the menu screen you have the **menu options** rather than 'media' section. Here you create buttons that will connect to **media collection screens** or other **menu screens** (for sub categories).

Edit Menu Button			×	
Image Set Image				
Label				
Action				
Action type	Select type	^		
	Go to Screen			
	Show Website			ок

Edit Menu	Button	×
Image		
Label		
For language:		
THE VIETNAM	WAR	
Action Wh	en Clicked	
Go to screen	ANCIENT EGYPT	
	ON LAND	-
	ROMAN EMPIRE	ок
	SPACE	
	Vietnam War	
	WWI	

In the **Menu Options** tab, there is a **plus** button to the top right which is where you will create the menu buttons. You are given two options here; **Go to Screen** which you can choose to link to a screen that you have created and **Show Website** which is where you can show a website of your choice within Lightbox.

To link to a screen, simply choose an image from your library for the button, give it a name (Vietnam War in this example) and then choose the screen, you want to link it to in the dropdown. You will need to repeat this to link a button to each of the media collection screens that you have created.





4.1 Linking to websites

To link to a website, simply type in the URL you want to link to and choose whether you want to hide navigation controls or the title of the website. You can customise the appearance of how your website will look in the **Themes** section. For this example, we're going to be using our online shop, with the navigation controls and title showing.



Set the **menu** screen you wish to have as your **home** screen by selecting the 'set as home screen' option once it is highlighted.



4.2 Creating A Sub Category Menu Screen



You can create and link to sub-category screens in the same was as above. This allows you to set out your interactive as;

home -> sub -> content

Note: you can have as many layers of content and sub-categories within categories within sub categories as you wish.

Below we have an example of three home screen buttons, 2 of which link to a media collection whilst the central one links to another subcategory page.







5. Creating the Attractor Page



The Attractor page is the screen that displays when the interactive isn't in use.

It allows you to add a logo, prompt message and a slideshow of images or video on loop. To access the attractor page simply click on the **Plus** button under the **'Attractor'** section, which brings up the Attractor creation page.



General

The Attractor page management section features three tabs:

- **General** This is where you can add your own logo, a welcome message and specify the image slide duration.
- **Slideshow** Here you can choose which content you want to have displayed on your slideshow.
- Layout This is where you can determine how the slideshow is laid out in the front end.



ttractor Sc	reen	
eneral	7 items	Select from Library Arrange Items
lideshow	British Iconic Spitfire	
ayout	Galaxy	
	Tunisia World War 2	
	vietnam-in-hd-e13254655549481	
	Zuikaku crewmen service-aircraft on carrier during World War II Battle of Coral Sea	
	Earth pictured from space	
	Apollo 11 Crew	
	Preview Settings:	Resolution: This Screen v 1920 x 1080

Slideshow



Layout

The **Layout** tab allows you to adjust the size of your logo / padding to your specifications and displays a preview of the attractor screen.



6. Creating a Theme

The Themes tab is where you can customise the general colour scheme and appearance of your buttons, side panels, default backgrounds and font options for your **screens**.

₿ lightbox3	Themes	•
Screens	Your Themes	
🛃 Library		
Themes	⊘ DEFAULT	
🔅 Settings		No theme selected Select an theme to view its details.
🗲 Launch		
© 2018 Blackbox-av		

You can create multiple different themes and connect them to separate **Screens** if you wish. Lightbox comes with a default theme that can also be edited. To create a new theme first go to the 'Themes' tab and select the **Plus** button top right.

Edit Theme	
General	Info
Web Browser	Theme name DEFAULT ID: 00152/528308151 ID: 00152/528308151
	Base Background
	Colour Image Set Background Image
	Title Font
	Font Noto Sans V B / Size 33 Colour
	Description Font
	Font Noto Sans V B I Size 20 Colour
	Label Font
	Font Noto Sans V B I Size 30 Colour
Preview Settings: Screen: None V	Save

Here is your **themes creation** page. Customisation options appear on the right hand side. There is also an option to set your theme as the default if you wish. You also have an option to edit how your web browser appears.



You are able to customise the fonts for your titles, descriptions and labels in the Themes section, as well as the Panel style (where your main Title & Description appear).

Title Font	
Font Noto Sans v B I	Panel Style
Size 33 Colour	
Description Font	Fill colour
Font Noto Sans V B I	Border colour
Size 20 Colour	Corner radius 0
Label Font	
Font Noto Sans V B I	Opacity 85 %
Size 30 Colour	

The **Back** & **Close** Buttons can also be customised here, simply select the 'edit' button for each and a new settings box will open.

	Elements		
	Back Button		C
	Close Button		Œ
Edit Button			×
		<	V
Show Labe	I	Style	
Show Icon		Min size	0 × 0
		Fill colourBorder colour	
		Corner radius	40
Icon size	16.76 % (25×44) Reset	Padding	
			ок





When editing themes, you can choose to preview how your theme will look on a certain media collection screen. Simply choose the **Screens** dropdown and select the screen you want to preview from the options.

Below is an example of a customised theme, we have changed the following options;

Panel Style - A shade of Green with opacity 80%
Title Font - White
Description Font - White
Thumbnail Border - Enabled / White 2px
Back Button - 'Show label' enabled (back text), Fill colour set to black and corner radius 55.







You can create multiple themes for multiple different screens;





Once you have created the theme you wish to use for a particular screen, you need to navigate to that **screen** editing panel and set it using the drop down pictured to the left;

Note: any changes made to a theme already set will be automatically applied.



6.1 Editing the Web Browser



In the Themes section, you can also edit the appearance of the web browser. You can customise your web browser options by changing certain settings such as the colour of the navigation Bar, Title, the Border colour and the loading indicator. *Please note that the Blackbox-av website is shown here as an example.*

Ealt Button	,
	÷
Show Label Show Icon	Skin Fill colour Border Min size 0 * 0 Padding 12 12 12
Icon size 45.87 % (30×30) Icon colour Reset	ок

To edit the navigation buttons, choose a button to edit from the right hand side which will bring the following window up, where you can change the settings such as the icon size, the colour and the border size.

Below is an example of a customised web browser theme, we have changed the following options;

Navigation Bar Skin - A shade of Blue with no Border / H Padding 20, V Padding 20 Title Font - Black Loading Indicator – Black & Grey, Size 50 Navigational Bar Buttons – All White









7. Launching Your Interactive

To launch your Lightbox interactive, click on the Launch button;





8. Accessing the Manager after 'Launch'

To get back into the Manager through the front end, you simply need to hold down the bottom left hand corner of the screen, which will bring up the Admin Controls. Here, you can choose to Launch Manager, Exit Lightbox or Shut Down PC. To access the front end, choose the Launch Manager option and simply enter your six digit pin to launch the manager.



Default: 874100



9. Import & Export

Lightbox has an **Import** / **Export** functionality which lets you create interactives on 1 manager, **Export** the content and then **Import** it on another Lightbox 3. It can also be used to keep backups of your interactives.

We also supply a Demo Archive of content or you to import when first using LB3 so it is easier to understand

[§] lightbox ³	Settings
Screens	Library
🗖 Library	Default audio file Image Set Image
Themes	Viewer
🔅 Settings	Idle time-out (seconds) - 240 + Admin PIN (must be 6 digits) 874100
4 Launch	Languages +
	English
	Licences
	Key 380C - Attractor Screen, Menu Screens and Media Collection Scre 🛈 💼
	Data Management
	Export data to archive Export Data
	Import data from archive
ersion 3.0 2018 Blackbox-av	

the workflow of the manager. The Import / Export function can be found in the 'Settings' panel;

9.1 Import

To Import an archive simply select the '**Import Data'** button. A prompt will appear to tell you that your current content will be overwritten. If you are happy to proceed, click Yes and select the Archive folder you wish to import.







Once you restart Lightbox your import will be finalised;

Finalising Archive Import	Import Complete Your Lightbox archive was successfully imported.
Processing file 48 of 645	ок

9.2 Export

Exporting your content creates an Archive folder for you to later **Import**. Simply select the '**Export Data**' and choose a destination for your Archive folder. The Folder will be created for you so simply select '**Select Folder'**.

Exporting Data		Export Complete
		Four Eightbox archive was successfully exported.
Processing file 13 of 622]	ок



10. System Requirements

10.1 PC System Requirements

	Minimum	Recommended
Operating System	Microsoft Windows 10	Microsoft Windows 7
Input Type	Single Touch Monitor	Multi Touch Monitor
CPU	Intel Core i3	Intel Core i5
RAM	2GB	4GB +
GPU	Intel 4-Series chipset family, Core i3/i5/i7 + processor family with Intel HD Graphics	NVIDIA GeForce, NVIDIA Quadro, NVIDIA ION
HDD	1GB free, plus size of content library (LB3 installation file is less than 100MB)	1GB free, plus size of content library (LB3 installation file is less than 100MB)

10.2 Supported File Types

	Supported File Types
Images	JPG/JPEG, PNG
Audio	MP3
Video	MP4 – H.264 Format, M4V – H.264 Format, MOV – H.264 Format, FLV, F4V

For additional help please contact us:

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Update Notes:

V1.1 - Minor formatting changes

V1.2 – Theme Preview & License settings added

- Added the option of theme previewing in the editor
- Added the "tag" option to license settings
- V1.3 Menu Launcher changes & Web Browser feature added
 - Added more options to the Menu launcher
 - Added the web browser feature
 - Minor formatting changes

