



Digital Picture Frame (Frame Pro)

USER MANUAL

Overview

Quality digital photo frames with good functionality are getting harder to find.

Frame Pro can turn your iPad into a superior digital photo frame.

If you have an older iPad, use the **DPFrame** app, also in the App Store.

Features

There are 2 versions of **Frame Pro**:

- FREE
- Upgrade – available as an In App Purchase

FREE version features:

- A slideshow of full screen images in portrait or landscape orientation
- Easy slideshow navigation and pausing
- Configurable slide time
- Optional display of current time and/or date
- Optional night-time sleep mode

Upgrade additional features:

- Wide range of slideshow effects (ie zoom, filters and transition effects)
- Configurable text and graphics overlay
 - Current date and time with choice of formats
 - Camera metadata (when and where shot)
 - Personalised image/logo with text
- Multimedia functions
 - Configurable narration track or background music playlist
 - Slide changes synced to narration or music
 - Vision and sound output to external devices via AirPlay
- Flexible selection of photos and music
- Configurable sleep function

How to Use Frame Pro

The *How To Use* instructions are divided into 2 sections.

- FREE
- Upgrade

How to use Frame Pro FREE

Frame Pro searches for an album named 'Frame Pro' in **Photos** and uses these images to sequentially display them as a slideshow.

If you have multiple albums containing 'Frame Pro' in the name (For example: Frame Pro, Frame Pro 1, Frame Pro 2, etc), it will choose the version with the highest number. In this case Frame Pro 2.

If it fails to find an album name containing 'Frame Pro', it will use the largest album of any name.

Setting up

There are 2 ways to set up the album you wish to display:

On the Device

1. Activate the **Photos** app
2. Tap the **Albums** tab
3. Add an Album by tapping **+**
4. Name the album 'Frame Pro'
5. Add the desired photos to the album by selecting photos during the album creation process, or by using Copy/Paste later
6. You're done!

Using iTunes sync

1. In **Photos** or **iPhoto** on your computer, create an album called 'Frame Pro'
2. Add the desired photos to the album
3. In **iTunes**, select the device you're running **Frame Pro** on and tap **Photos**
4. Ensure **Sync Photos** is checked and **Photos** is selected next to **Copy Photos from**
5. Select either:
All photos and albums if you want all photos synced to the device, or **Selected albums** for a subset of photos, then in the **Albums** list, be sure to check at least one album with 'Frame Pro' in its name.
6. Tap **Apply**
7. You're done!

Settings

To access the **Frame Pro** settings, open the device **Settings**, scroll down to the last panel which contains individual app settings and tap the **Frame Pro** row.

You should see the following:



- A** *Version*: Displays the app version number

- B** *Display Time*: Enables the current time display on the slideshow

- C** *Display Date*: Enables the current date display on the slideshow

- D** *Sleep at Night*: Enables a sleep mode that will stop the slideshow and dim the display between 22:00 and 06:00. Time and Date is still displayed if those options are enabled

- E** *Slideshow Delay*: Allows you to configure the time that each photo is shown from 1 second up to 2 minutes

Gestures

The following gestures are supported during a slideshow:

Tap Pauses the slideshow

- A pause icon appears in the bottom left of the display

Tap again to resume the slideshow
Displays the **Status Bar** (see details below)
The **Status Bar** dismisses itself after 10 seconds unless you have forced it to display (see **Swipe Down**)

Swipe Left Go to the previous slide

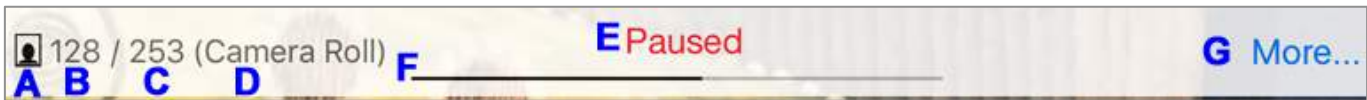
Swipe Right Go to the next slide

Swipe Down Forces the **Status Bar** to be displayed with no time limit
Swipe down again to display the **Dropdown Menu** (see details below)

Swipe Up Hides the **Status Bar**

Status Bar

The **Status Bar** provides slideshow status information and access to the dropdown menu:



- A** Orientation displayed (this icon appears if the display is being limited to either portrait or landscape photos – Pro version).

- B** Current photo number

- C** Total number of photos available

- D** Photo album name

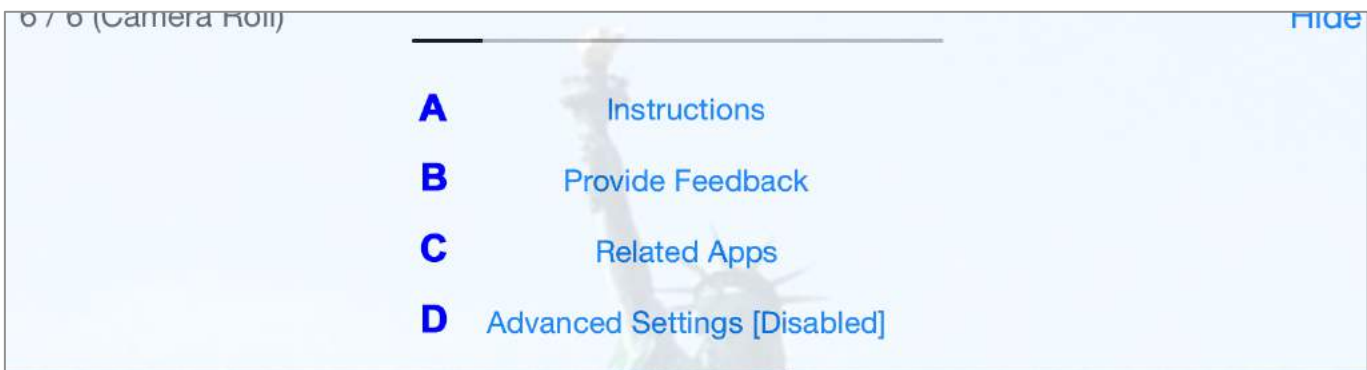
- E** Status message (eg. Paused)

- F** Progress bar showing how long before the next transition

- G** More... button to show or hide the dropdown menu (see below)

Dropdown Menu

The **Dropdown Menu** provides access to additional functions:



- A** Instructions (this user manual)

- B** Provide Feedback contact form

- C** Additional apps available from LNA Applications (if an internet connection is available)

D Advanced Settings (contains link to upgrade Frame Pro Free)

Support

If you have a problem using **Frame Pro**, or have an idea for an improvement, please tap the **Provide Feedback** button under **More...** on the **Status Bar**, or email us at support@lnaapplications.com

How to use the Frame Pro Upgrade

The upgraded Frame Pro offers a wide range of advanced features over and above that available in the free version.

How to upgrade Frame Pro

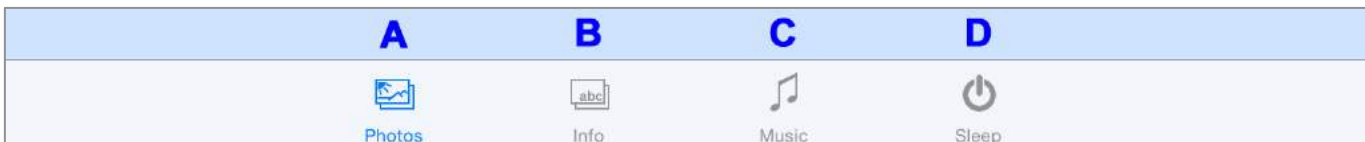
1. Swipe down on the device display to reveal the **Status Bar**
2. Tap the **More...** button to reveal the **Dropdown Menu**
3. Tap **Advanced Settings [Disabled]**
You will now see the first of 4 pages of **Advanced Settings**
The **Photos** tab is the first displayed
If you have not purchased the upgrade previously, there is a panel displayed at the top of the page that allows you to learn more about the upgrade and how to purchase it using the App Store.
4. Tap **More information**
5. Once the upgrade product info is updated by the Apple App Store, tap the **BUY** button
If you are not already logged into the App Store, Apple will prompt you for your AppleID and password.
Follow the prompts to complete and install the upgrade.
6. That's it. The advanced features will now be available to use.

Setting up

Advanced Settings can be accessed as follows:

1. Swipe down on the device display to reveal the **Status Bar**
2. Tap the **More...** button to reveal the **Dropdown Menu**
3. Tap **Advanced Settings**

There are 4 pages of **Advanced Settings**. You can navigate between the pages using the tab bar at the bottom of the screen:



A *Photos*: Configure which photos are used and how slides are displayed

B *Info*: Customise the information overlaid on the slideshow

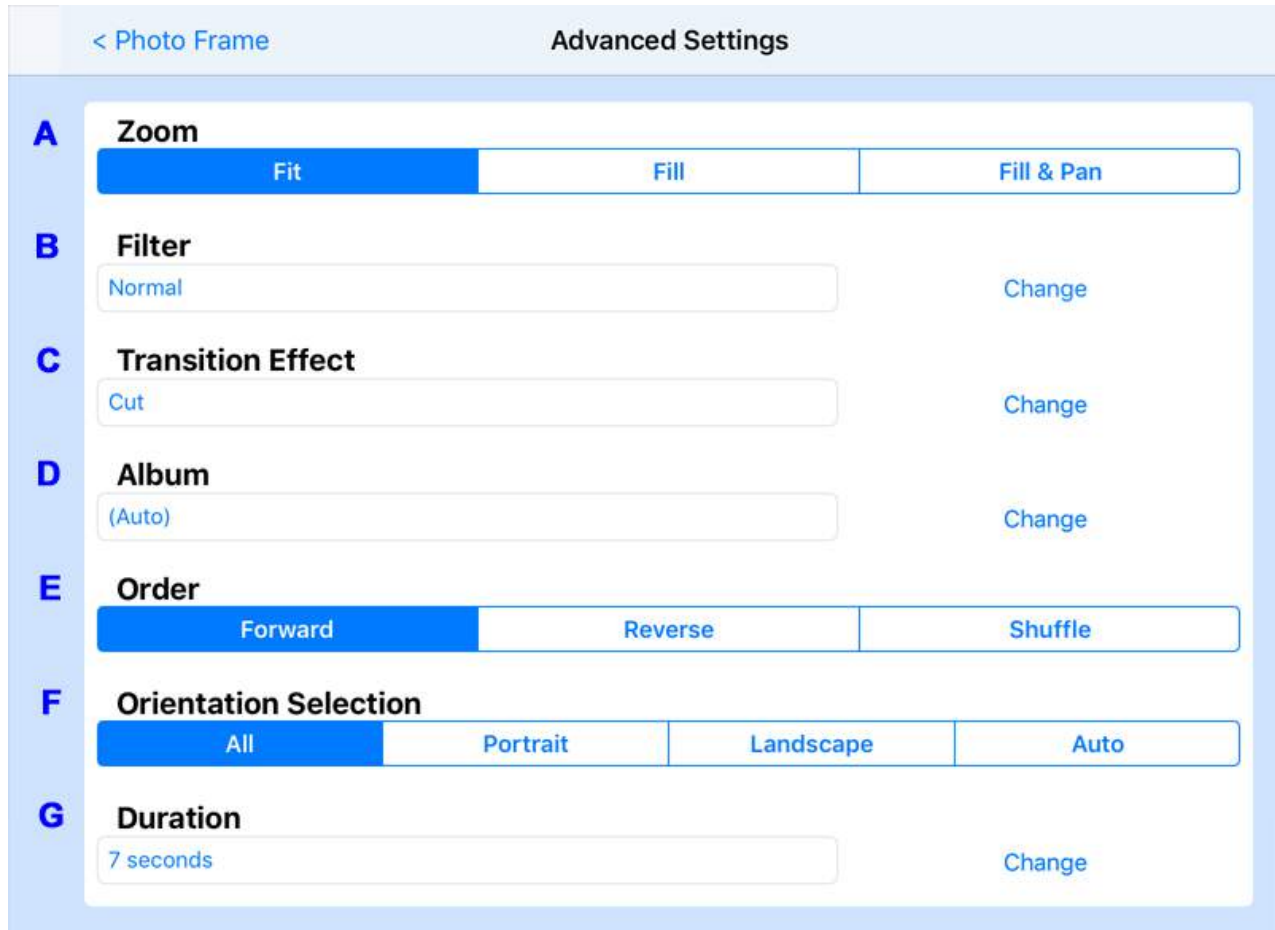
C *Music*: Set up the music or narration to be played along with the slideshow

D *Sleep*: Configure the time and days that the slideshow sleeps

The following sections provide detailed instructions for each of these pages.



1. Photos settings



A *Zoom*: Changing the zoom mode

There are 3 **Zoom** modes for controlling how photos in portrait or landscape orientation are displayed:

1. **Fit**

Scales the photo to fit the display while preserving the aspect ratio of the photo

Depending on the orientation of the device and aspect ratio of the photo, this mode may leave black bars on the top and bottom or the sides of the photo.

2. **Fill**

Scales the photo to fill the display, while preserving the aspect ratio of the photo

Depending on the orientation of the device and aspect ratio of the photo, this mode may crop off parts of the photo.

3. **Fit & Pan**

Similar to **Fit**, except the photo is also slowly panned around to show any cropped parts of the image

The longer the photo is shown the more chance there is that all of parts of the photo will be displayed.



B *Filter:* Selecting the filter to use

A number of filters are available to process a photo before it is displayed. To select a filter, tap the blue filter name or the associated **Change** button to reveal the **Filter** picker.

Filter settings available:

<i>Normal:</i>	Original photo displayed without modification
<i>Chrome:</i>	Imitates a photographic film that exaggerates colours
<i>Cool:</i>	Imitates a photographic film that has a blue/cool colour bias
<i>Fade:</i>	Imitates a vintage photographic print that has faded colours
<i>Instant:</i>	Imitates an instant photo print that has distorted colours
<i>Low Vibrancy:</i>	Displays colours with reduced saturation while preserving skin tones
<i>High Vibrancy:</i>	Displays colours with increased saturation while preserving skin tones
<i>MonochromeLC:</i>	Displays a photo in Black & White with low contrast
<i>Monochrome:</i>	Displays a photo in Black & White
<i>MonochromeHC:</i>	Displays a photo in Black & White with high contrast
<i>Posterize:</i>	Imitates a silk-screened poster that has a reduced number of colours
<i>Sepia:</i>	Imitates a sepia toned black & white print
<i>Vignette:</i>	Imitates the reduced peripheral intensity of a simple lens
<i>Warm:</i>	Imitates a photographic film that has a red/warm colour bias
<i>Glass Distortion:</i>	Imitates the view looking through a mottled glass window
<i>Sharpen:</i>	Boosts the image sharpness
<i>Pixellate:</i>	Produces a blocky style image with large uniform pixels
<i>Smooth Mix:</i>	A subtle filter is randomly selected from the list of available filters for each transition
<i>Random Mix:</i>	Any available filter is randomly selected from the list of available filters for each transition



C *Transition Effect:* Selecting the transition effect

A number of effects are available to enhance slide transitions. To select an effect, tap the blue effect name or the associated **Change** button to reveal the **Transition Effect** picker.

Transition effect settings available:

<i>Cut:</i>	No effect. Immediate replacement of a slide with the next slide
<i>Bars Swipe:</i>	The slide shreds into a series of bars that disappear up the screen
<i>Copy Machine:</i>	Imitates the bright light a copier uses to scan an image
<i>Dissolve:</i>	Fades from one slide to the next
<i>Flash:</i>	Fills the screen with a growing bright flash then reveals the next slide
<i>Mod:</i>	Rotates a growing set of punched holes in the slide to reveal the next slide
<i>Slide Right:</i>	Moves the new slide in from the left to cover the previous slide
<i>Slide Random:</i>	Same as Slide Right but randomly selects from up, down, left or right
<i>Wipe Right:</i>	Wipes an image in from the left to replace a slide
<i>Wipe Random:</i>	Same as Wipe Right but randomly selects from up, down, left or right
<i>Smooth Mix:</i>	A subtle effect is randomly selected from the list of available effects for each transition
<i>Random Mix:</i>	Any available effect is randomly selected from the list of available filters for each transition

D *Album:* Setting the source for photos

On start-up, **Frame Pro** searches for photos to use for the slideshow. **Frame Pro** searches for an album called 'Frame Pro' in the Photo library. It reads this album's images and progressively displays them as a slideshow.


If you have multiple albums containing 'Frame Pro' in the name (For example: Frame Pro, Frame Pro 1, Frame Pro 2, etc), it will choose the version with the highest number. In this case Frame Pro 2.

If it fails to find an album name containing ' Frame Pro ', it will use the largest album of any name.



You can select a specific album to use by changing the album selected under **Album**. To change the album, tap the blue album name under the **Album** heading, or the associated **Change** button, to reveal the **Album** picker.

A note about iCloud shared Albums:

Frame Pro works best if full resolution images are stored locally on the device. If you select an iCloud shared album, full resolution versions of the photos may not yet be stored locally on the device. When **Frame Pro** is displaying an iCloud shared album image that has not been fully downloaded you will see a small cloud icon  in the bottom right of the screen. The image quality may be noticeably inferior to the display of a full resolution image.

The best solution is to ensure that the shared album has all of the full resolution images stored locally. To make this happen open the Apple **Photos** app and review each of the photos in full screen. Initially they may look a little fuzzy, if the full resolution image has not been downloaded from iCloud. **Photos** will request the download of the full resolution image and show a small white clock icon in the lower right of the screen to show the progress of the download. Once all the album images look sharp, then you are ready to use the album with **Frame Pro**.

E ***Order:*** Changing the slideshow presentation order

There are 3 **Order** modes available for controlling the order of photo presentation:

1. *Forward:* Shows photos in the order they were taken (oldest to newest)
2. *Reverse:* Shows photos in the reverse order they were taken (newest to oldest)
3. *Random:* Randomly chooses the order without repeating until all photos have been presented

F ***Orientation Selection:*** Choosing portrait and/or landscape photos to display

There are 4 **Orientation Selection** modes available for choosing the photo orientations to display:

1. *All:* Shows both portrait and landscape photos
 2. *Portrait:* Shows only portrait photos
 3. *Landscape:* Shows only landscape photos
 4. *Auto:* Shows portrait photos when the device is in portrait orientation or landscape photos when the device is in landscape orientation
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G *Duration:* Changing the slideshow speed

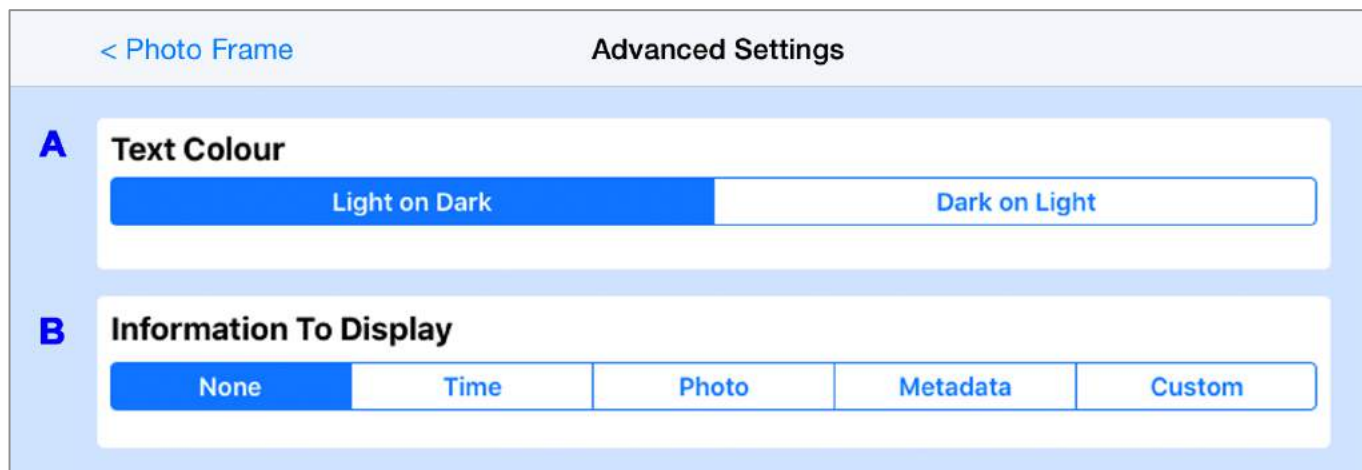
Frame Pro changes slides based on a timer. You can choose from 21 preset durations: from 1 second to 60 minutes. When complex transitions are selected the minimum duration will increase to 3 seconds to allow the transitions to complete before the next slide change.

To select a Duration, tap the blue duration text or the associated **Change** button to reveal the **Duration** picker.

Note the final duration setting called Music Sync allows you to set **Frame Pro** to only change the slide when a background music track changes. This mode allows you to sync slide changes to music or narration tracks.



2. Info settings



A *Text Colour:* Changing the overlay text colour

There is a choice of white text and a translucent grey background or black text on a translucent grey background.

B *Information To Display:* Changing the information displayed as an overlay

There are 4 modes to choose from:

- 1. None**
Only the photo is shown on the screen
- 2. Time**
Displays current time and/or date in the lower right corner of the display
- 3. Photo**
Displays time and date when the photo is shot and/or the location
Display of this information depends on the originating camera's ability to capture and pass on this data
Identification of the location requires an internet connection for the first run through of the slides; location names are then cached
- 4. Metadata**
Displays metadata sourced from the IPTC fields included in the image files
- 5. Custom**
Allows you to overlay a personalized image or logo together with text anywhere on the display



B.2 Information To Display – TIME

Set Information To Display to Time.

Information To Display

None Time Photo Metadata Custom

Time & Date Display

A Time Format (01:01 AM)

Off 12hr 24hr

B Date Format (Thu 31-May-2018)

Off day DMY YMD day day MDY

A *Time Format:* Changing the current time overlay format

Off: No time overlay is displayed
12hr: Time is displayed in 12 hour format (eg. 07:30 pm)
24hr: Time is displayed in 24 hour format (eg. 19:30)

B *Date Format:* Changing the current date overlay format

Off: No date overlay is displayed
day DMY: Date is displayed in ascending order (eg. Sat 03-Oct-2015)
YMD day: Date is displayed in descending order (eg. 2015-Oct-03 Sat)
day MDY: Date is displayed in USA format (eg. Sat Oct-03-2015)



B.3 Information To Display – PHOTO

Set Information To Display to Photo.

Information To Display

None	Time	Photo	Metadata	Custom
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Photo Information

A Time Format (01:26)

Off	12hr	24hr
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B Date Format (May-31-2018)

Off	DMY	YMD	MDY
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C Location Format

Off	Country	State, Country	All
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A *Time Format:* Changing the overlay time format for when the photo was shot

Off: No time overlay is displayed
12hr: Time is displayed in 12 hour format (eg. 07:30 pm)
24hr: Time is displayed in 24 hour format (eg. 19:30)

B *Date Format:* Changing the overlay date format for when the photo was shot

Off: No date overlay is displayed
DMY: Date is displayed in ascending order (eg. Sat 03-Oct-2015)
YMD: Date is displayed in descending order (eg. 2015-Oct-03 Sat)
MDY: Date is displayed in USA format (eg. Sat Oct-03-2015)

C *Location Format:* Changing the overlay location format for where the photo was shot

Off: No location name is displayed
Country: Location country is displayed (eg. Australia)
State, Country: State and country are displayed (eg. NY, United States)
All: Town, state and country are displayed (eg. Washington, DC, United States)

B.4 Information To Display – METADATA

Set Information To Display to Metadata.

Information To Display

None	Time	Photo	Metadata	Custom
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Photo Metadata

A Line 1 - IPTC Metadata Field

Sub-Location
State, Country
Sub-Location, City, State, Country
Object Name
Headline
Caption or Abstract

B Line 2 - IPTC Metadata Field

Sub-Location
State, Country
Sub-Location, City, State, Country
Object Name
Headline
Caption or Abstract

A *Line 1:* Metadata field to be used for Line 1 of the display

IPTC fields to choose from (if populated in the image file):

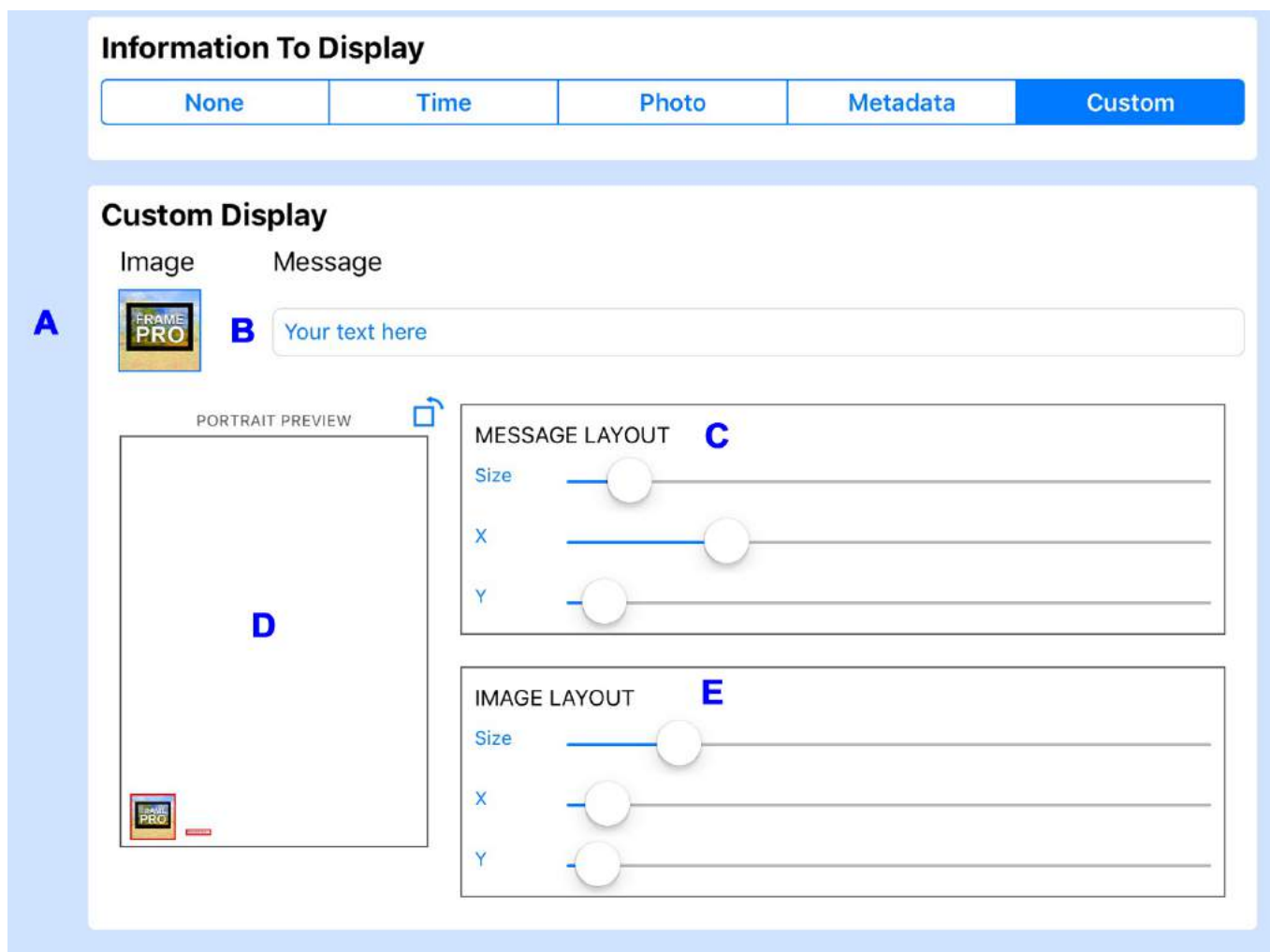
Date Created,
 Time Created,
 Time Created, Date Created,
 Country,
 Country Code,
 Province or State,
 City,
 Sub-Location,
 State, Country,
 City, State, Country,
 Sub-Location, City, State, Country,
 Object Name,
 Object Name, Date,
 Headline,
 Headline, Date,
 Caption or Abstract
 Caption or Abstract, Date

B *Line 2:* Metadata field to be used for Line 2 of the display

IPTC fields to choose from (if populated in the image file):
 As for Line 1, above.

B.5 Information To Display – CUSTOM

Set Information To Display to Custom.



A *Image:* Selecting a custom image to display

Tap the image icon just under **Image**. Initially this is a **Frame Pro** icon. When the **Photos** popup appears, choose the **Photos** category. For example, tap **Camera Roll** to access an image taken with your device's camera. Tap on the image you wish to use, **Move and Scale** as necessary then tap **Use**.

B *Message:* Entering custom text to display

To enter or change the customized text, tap the blue text under the **Message** heading. Use the on-screen keyboard to enter the text, then tap **Return**.



C *Message Layout:* Positioning and sizing the custom message

Adjust the **Size**, **X** and **Y** sliders to obtain the size and position of the message

The **PORTRAIT PREVIEW** or **LANDSCAPE PREVIEW** shows you the appearance of the text as you make adjustments

Tap the preview image to toggle between portrait and landscape previews

D Separate settings are saved for both portrait and landscape orientations, so be sure to set both

Tap **< Photo Frame** to view the final effect. Make any fine adjustments necessary by returning to **Advanced Settings**

E *Image Layout:* Positioning and sizing the custom image

Adjust the **Size**, **X** and **Y** sliders to obtain the size and position of the image you wish to use

The **PORTRAIT PREVIEW** or **LANDSCAPE PREVIEW** shows you the appearance of the image as you make adjustments

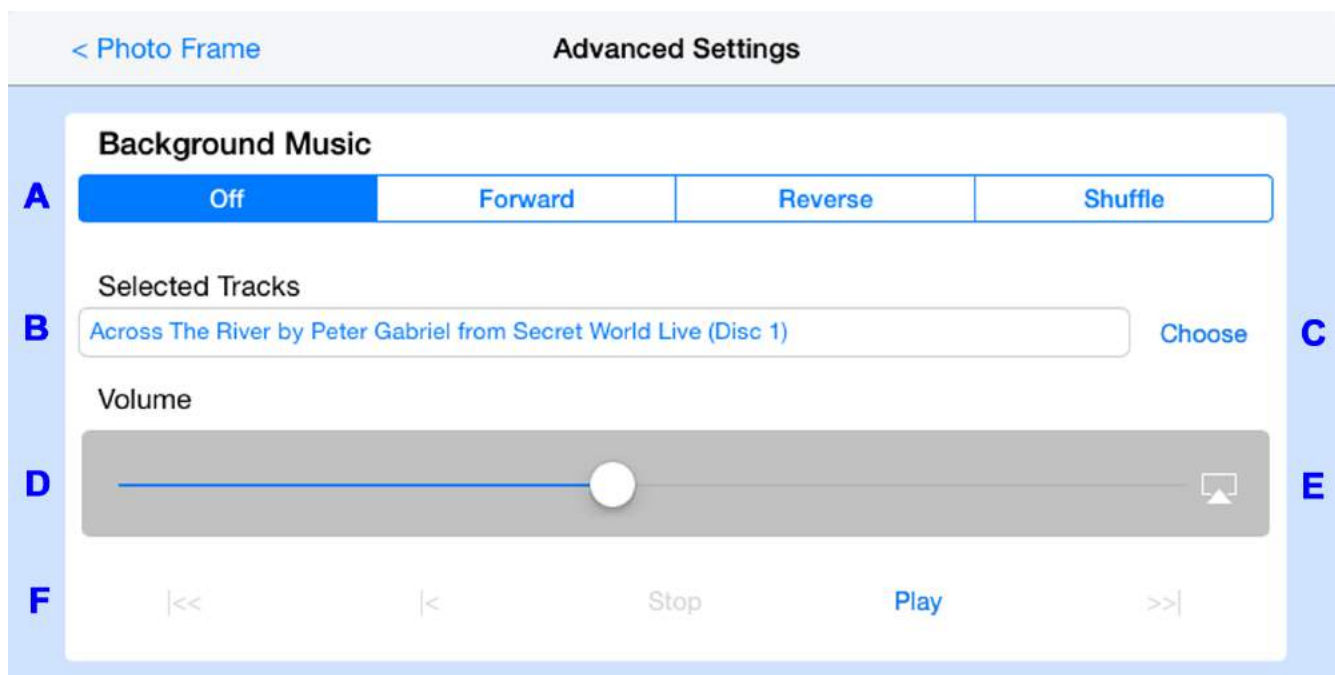
D Tap the preview image to toggle between portrait and landscape previews

Separate settings are saved for both portrait and landscape orientations, so be sure to set both

Tap **< Photo Frame** to view the final effect. Make any fine adjustments necessary by returning to **Advanced Settings**



3. Music settings



A *Background Music:* Changing the order of background music / audio

There are 4 modes to choose from:

1. *Off:* Do not play any music or audio
2. *Forward:* Play tracks sequentially
3. *Reverse:* Play tracks in reverse order
4. *Shuffle:* Randomly chooses the order, without repeating, until all tracks have been presented

B *Selected Tracks:* Changing the audio tracks to play

The tracks to play to accompany the slides are selected from a playlist

The default playlist is **Songs** from the devices **Music** library

- Playlist order is alphabetical by song title

The details of the first track to be played are shown under the **Selected Tracks** heading

- To view the entire playlist, tap these details
- To change the first track to play, tap the required first track name in the playlist table

Songs are played in the playlist order if **Forward** is selected



C *Choose:* Changing the songs in the playlist

To change the songs in the playlist, tap **Choose**

You can select songs from the categories shown under **Add Music** or select entire playlists from **Playlists**

Tap **Done** when you have selected the tracks

D *Volume:* Setting the playback volume

Adjust the slider under the **Volume** heading to set the playback volume


E *AirPlay:* Changing the output device

The icon to the right of the volume slider shows whether AirPlay is selected

If it is white then sound will playback through the local device

If it is blue, then AirPlay is selected to play to another device

To set the AirPlay device:

1. Reveal the **iOS Control Center** by swiping up from the bottom of the screen. On iPhone X or iPads with iOS 12 or later, swipe down from the top right corner.
 2. Press deeply or press and hold the Audio card in the upper-right corner
 3. Tap the AirPlay device card to select it as the active device, or tap  to select another device
-

F *Preview:* Previewing the playback audio

Use the following controls to preview the playback audio:

I<<	Previous track
I<	Start of current track
Stop	Stop playback and return to the start of the playlist
Play	Commence playback from the current position
Pause	Stop playback but hold current playback position
>>I	Next track



4. Sleep settings

< Photo Frame Advanced Settings

A Sleep At Night

B On Time

Time Change

Day Change

D Off Time

Time Change

Day Change

A *Sleep At Night:* Enabling Sleep Mode

Use the slide switch to enable sleep mode
On, or green, means **Frame Pro** will go to sleep according to the schedule you set
If **Frame Pro** is in sleep mode, you can wake it up for 5 minutes by tapping on the screen

B *On Time - Time:* Setting the wake up time

To change the wake-up time, tap the blue time text appearing or tap **Change**
Select the new required wake-up time using the picker

C *On Time - Day:* Setting the wake up day(s)

To change the day, or days, that you want **Frame Pro** to wake-up from a sleep, tap the blue day text or tap **Change**
Select the new required wake-up day, or days using the picker

D *Off Time - Time :* Setting the sleep time

To change the sleep time, tap the blue time text or tap **Change**
Select the new required sleep time using the picker



E *Off Time - Day:* Setting the sleep day(s)

To change the day, or days, that you want **Frame Pro** to go to sleep, tap on the blue day text or tap **Change**

Select the new required sleep day, or days using the picker

Gestures

The following gestures are supported during a slideshow:

<i>Tap</i>	Pauses the slideshow <ul style="list-style-type: none">▪ A pause icon appears in the bottom left of the display Tap again to resume the slideshow Displays the Status Bar (see details below) The Status Bar dismisses itself after 10 seconds unless you have forced it to display (see Swipe Down)
<i>Swipe Left</i>	Go to the previous slide
<i>Swipe Right</i>	Go to the next slide
<i>Swipe Down</i>	Forces the Status Bar to be displayed with no time limit Swipe down again to display the Dropdown Menu (see details below)
<i>Swipe Up</i>	Hides the Status Bar

Support

If you have a problem using **Frame Pro**, or have an idea for an improvement, please tap the **Provide Feedback** button under **More...** on the **Status Bar**, or email us at support@lnaapplications.com