



## Wotja Box 19 Guide [19.10.0](#) - 25th October 2019

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## Wotja Box 19 User Guide

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## Generative Music Album Maker

**For: iOS, macOS, Windows**

*Languages: English, Chinese, Japanese*

Love listening to music & melodies in the ambient genre? Use mid-range Wotja Box 19 to easily generate fresh music that's beautiful, personal & unique to you. Made live on your device, the music is not an internet stream, recording or loop. So be in the 'now', be Zen!

Wotja's success stems from many years of continuous development.

### For All

Start the all-new 'Flow Player' mode for mix-after-mix of live relaxing music. Or, with one tap, make albums of auto-generated mixes. Use Randomization Presets to change what is generated. Export the Flow mixes that you particularly love as single mix albums for later playback.

### Wotja User Reviews

"Masterpiece", "the best generative software that I have ever used", "Brilliant", "Extremely musical", "Love Wotja!"

### This App

This paid-for version of Wotja V19 has a mid-range 'Box' Feature Set. It's for those who have no need for the advanced creativity or interoperability features of the 'Pro' Feature Set but who want to do more than is possible in either 'Wotja Go 19' or the 'Free' tier Feature Set available in the free version.

It allows up to 2 hours music play time and has full .wotjabox album edit/save/export capabilities. It allows new random mixes to be added to albums and includes a number of Randomization Presets that can be edited and saved to your own presets. These Presets allow you to change what is created, e.g. template selection, text display, visual background generation, mix durations etc.

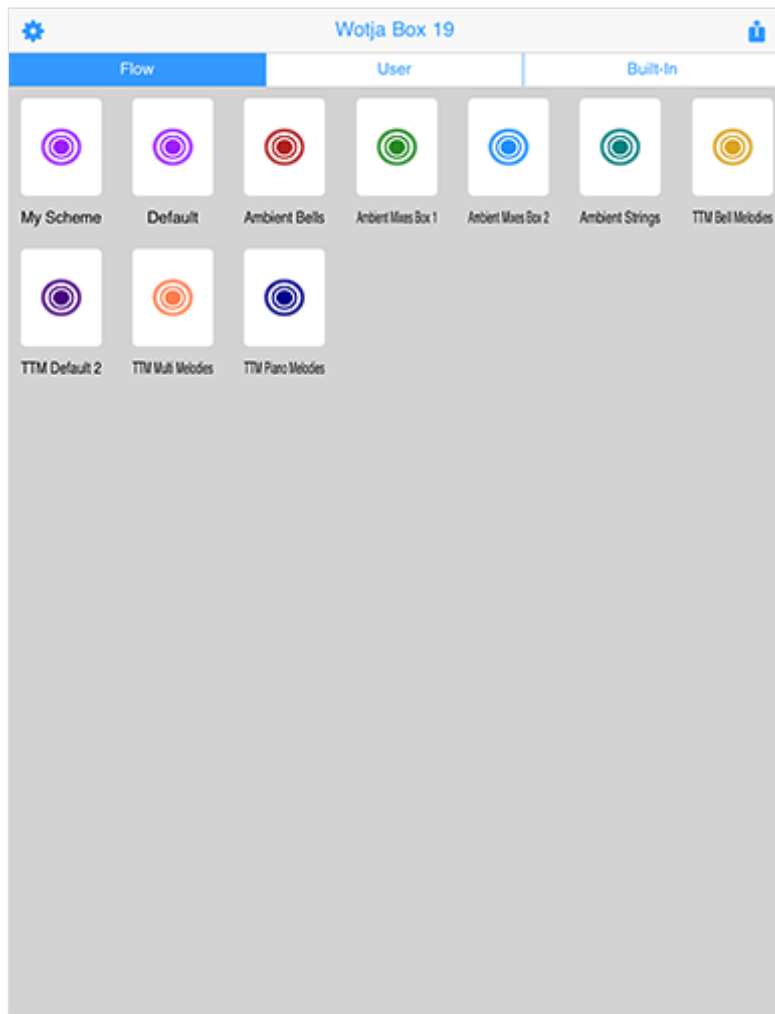
If you have a need for a music play time that is more than 2 hours and/or want to explore the advanced creativity or interoperability features of the Wotja system then consider getting the paid-for 'Wotja Pro 19'.

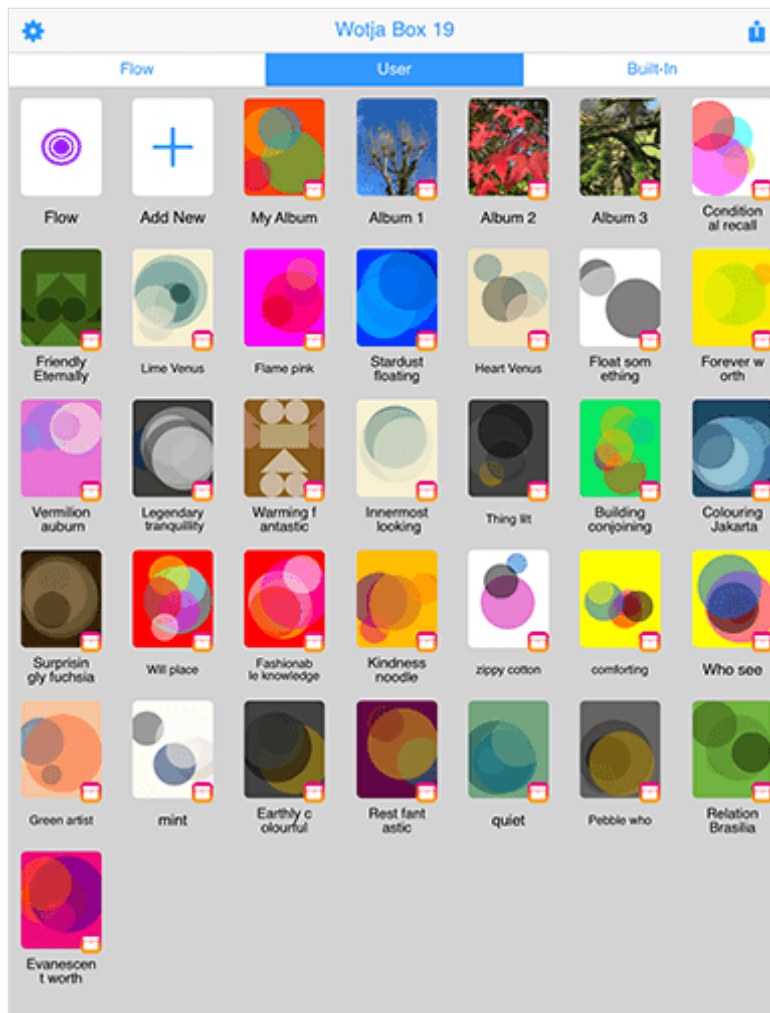
Alternatively, if available, consider a Subscription version and take out a Subscription to a 'Pro' Feature Set tier. The Subscription version also includes optional 'Long Play' Subscriptions for those that need to play their own mixes in e.g. a long play music installation.

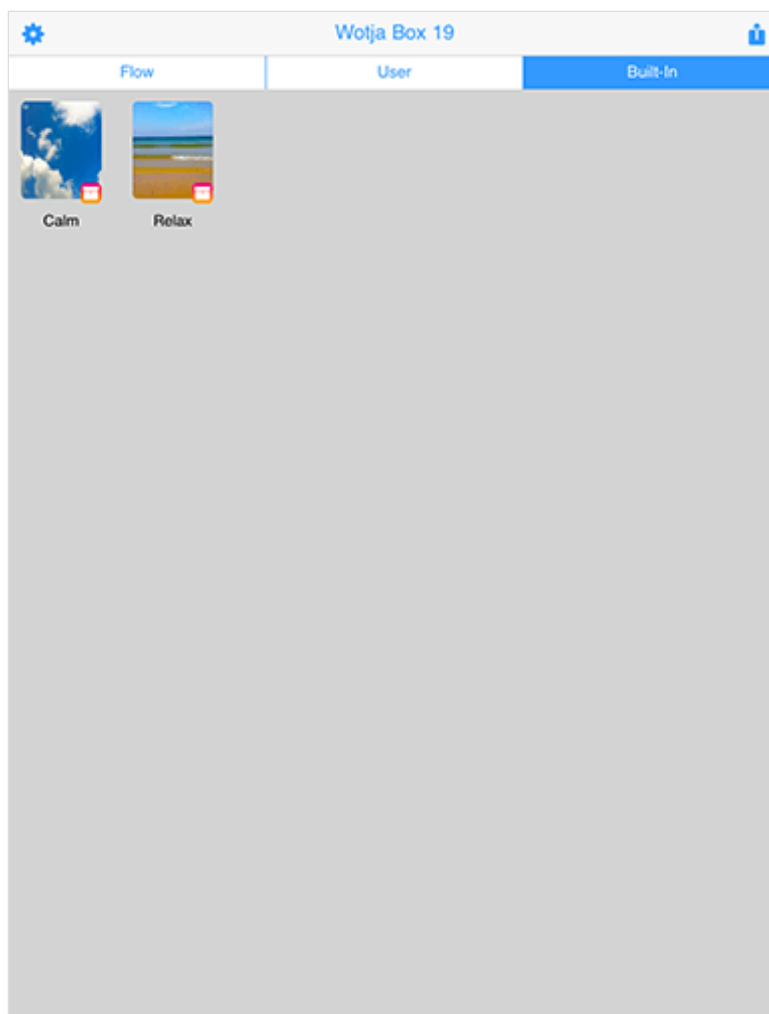
'Wotja Box 19' will get all relevant Wotja V19 updates during the course of 2019.

## Quick Start

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On starting the app you will see the Documents screen with 3 segments - 'Flow', 'User' and 'Built-In'.

### 'Flow' Segment - Generate a succession of mixes

Select the 'Flow' segment and tap any one of icons. Each icon will load the 'Flow Player' with a particular Randomization Scheme. Flow mode will then start generating a succession of freshly mixed generative music mixes.

Tip: You can customize Schemes and create/save your own; they will be listed here and have the (default) purple Flow icon.

### 'User' Segment - Create an Automatic album ('Box')

*Tip:* Box editing/adding/saving/exporting/re-ordering etc. is Feature Set dependent.

In the 'User' segment, tap the 'Add New' button and select 'Album (automatic)' from the pop-up menu for a freshly generated 'Box' of mixes. Each mix in the Box (including its icon, text etc.) is created randomly from the hundreds of included Templates according to the settings in the selected Randomization Scheme.

Boxes can be played in the Box Player where you can change mix duration, mix ordering etc. and re-save your Box.

### 'Built-In' Segment - Play a Built-In 'Album'

*Tip:* 'Albums' are a special kind of built-in play-only Box that does not allow exporting of mixes or Mix Overrides.

Select the 'Built-In' segment and the top view selector control and tap the thumbnail of the Album you want. It will then start playing in the [Box Player](#).

## Desktop Menu

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The Desktop Menu (macOS/Windows) is where you can:

- Quit/exit the app
- Create a new .wotjabox file (automatic album)
- Open a file you have previously saved
- Open any of the relevant supported filetypes (see table below)
- Show the Wotja data folder
- Select your Audio Output device

*Tip:* You can use both 'Documents Window' or Finder / Windows Explorer to carry out normal file related activities e.g. delete/duplicate/rename etc.

*Tip:* On Desktop use Cmd+W (macOS) or Ctrl+W (Windows) to close a tab.

Note: You may want to use iCloud (if you have it) rather than local storage (if you use local storage the Wotja Data Folder will show you where that is and it will be the [Intermorphic Folder](#)). If you use iCloud your files will also appear in the Wotja iCloud Drive folder for all your devices, meaning you can easily sync your Wotja related files between devices that share the same iCloud account. See the [iCloud FAQ](#).

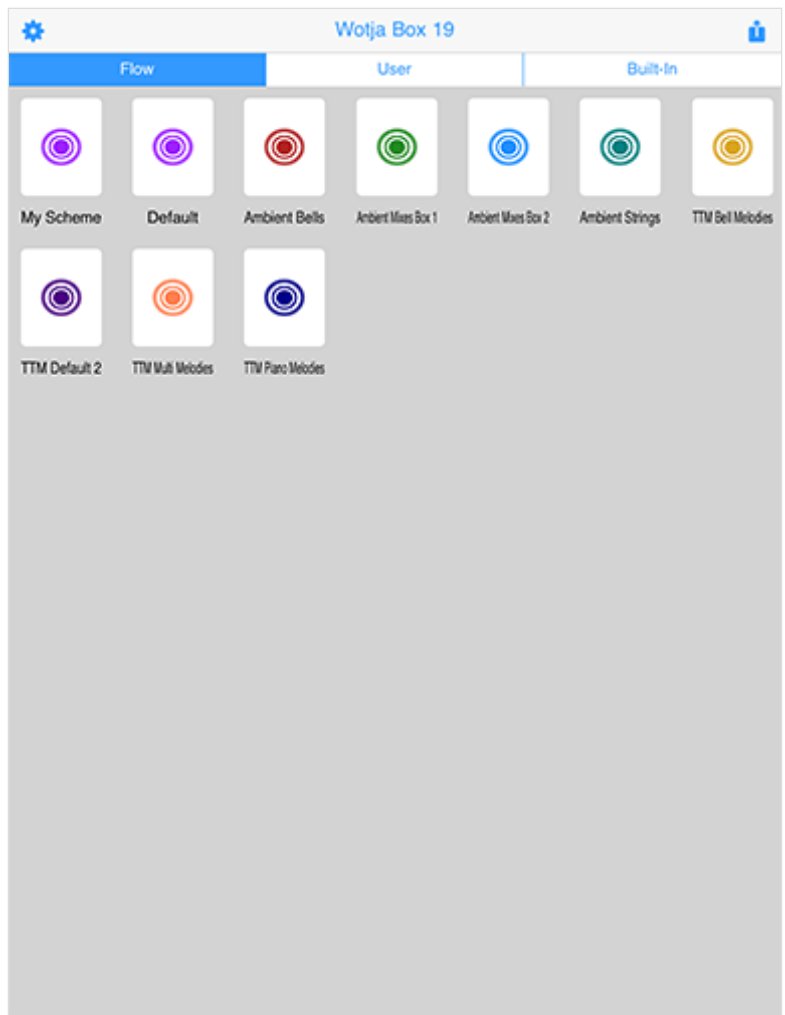
WOTJA BACKUPS: Make these by: A) Using iCloud to store your files, or by B) backing up your device with Time Machine or equivalent; or C) emailing yourself a backup copy of each wotja. Using iCloud is the easiest way to manage your files.

UI Item	Description
<b>Menu Bar</b>	
Desktop Menu	<ul style="list-style-type: none"><li>• <b>Wotja App name (macOS):</b><ul style="list-style-type: none"><li>• <i>About</i></li><li>• <i>Other usual entries</i></li><li>• <i>Quit</i></li></ul></li><li>• <b>File:</b><ul style="list-style-type: none"><li>• <i>New</i> (files are saved to the Wotja data folder)<ul style="list-style-type: none"><li>• <i>Album (automatic):</i> Creates a new automatic album of mixes (a 'Box') based on the <a href="#">Randomization Settings</a> and opens in the <a href="#">Box Player</a>.</li></ul></li><li>• <i>Open</i><ul style="list-style-type: none"><li>• Shows a list of openable files using a standard Finder or Windows Explorer browse dialog.</li></ul></li></ul></li></ul>

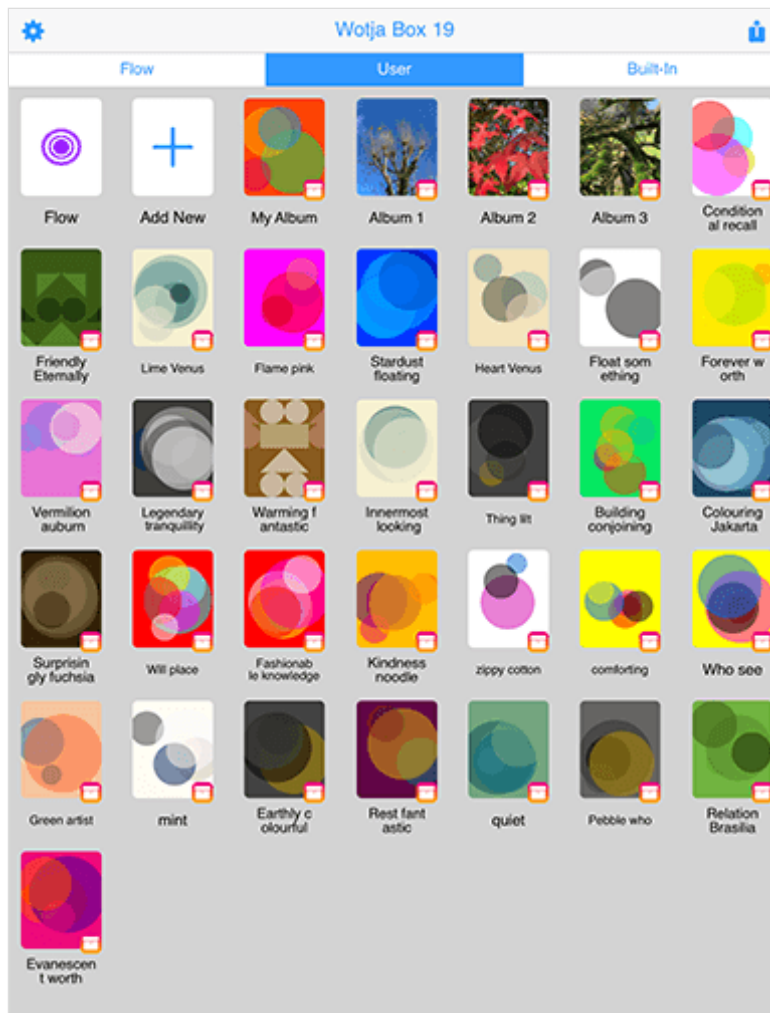
- The filetypes that this app can open directly are: .wotjabox.
- Note: Wotja cannot directly open .zip, .sf2, .midi, .wav or .ogg files but these can be referenced in templates via the relevant editor in an app with 'Pro' [Feature Set](#).
- See the FAQ: [File Management - Where should I put or look for App Files, Templates, Randomization Presets, Zips, SF2, WAVs etc.?](#)
- **Close:** Close the currently open file.
- **Save / Save As:**
  - For the currently open file displays the Save dialog allowing you to browse to where you want to save to:
    - If you have iCloud enabled then we recommend saving to the Wotja iCloud folder.
    - If you are not using iCloud, we *strongly recommend* saving files to the [Intermorphic Folder](#).
    - See the FAQ: [File Management - Where should I put or look for App Files, Zips, SF2, WAVs etc.?](#)
- **Open Recent (Windows)**
  - Shows a list of recently opened files. You can clear this list using the bottom "Clear Menu" menu item.
- **Exit (Windows):** Close the Wotja app.
- **Options:**
  - **Show Wotja data folder:** This will display in Finder (macOS) / Explorer (Windows) the Wotja folder where you may have added Boxes and Randomization presets either created with another Wotja app or from a 3rd party or your files have been saved to.
  - **Output Devices:** Select the Output audio device to be targeted by Wotja's internal sound generator (the [ISE Synth](#)) from the list of available detected options e.g. 'Built-In Output' on macOS and 'Speakers' / 'Primary Sound Driver' for Windows.
- **Window:**
  - **Show Window:** Brings the Wotja app window to the front.
- **Help:**
  - *Various useful weblinks*
  - *About (Windows)*

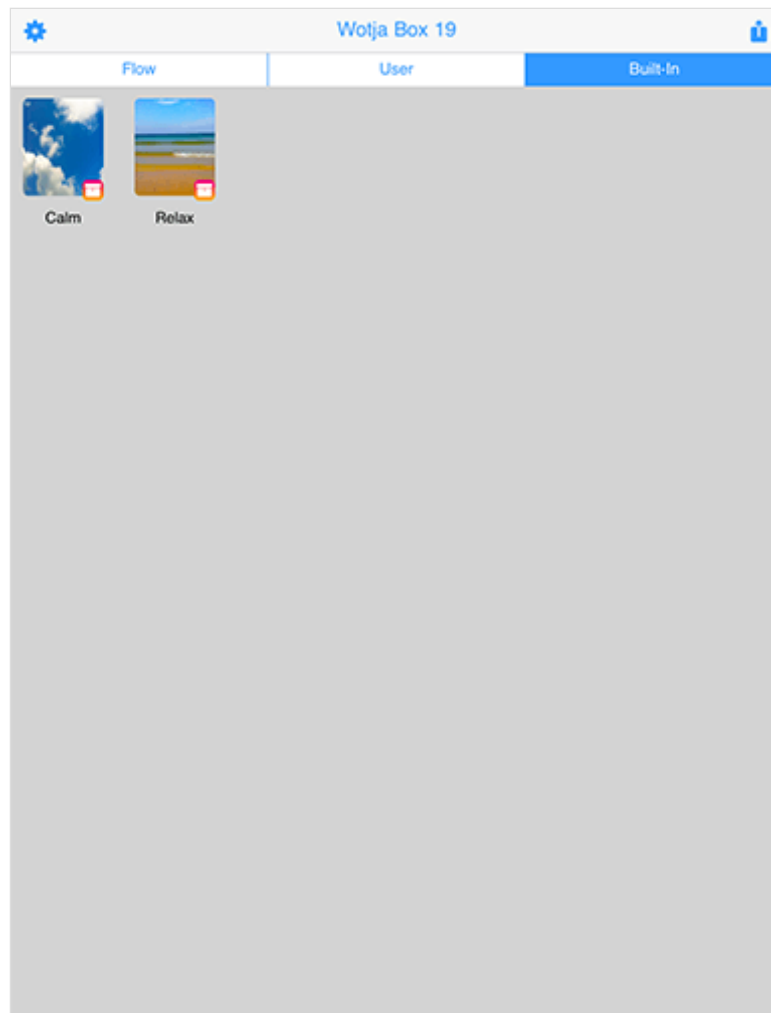
## Documents Screen

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The Documents screen is what you see after you have launched the app. It is where you can:

- Select one of three different file views (segments): 'Flow, User' or 'Built-In'
- 'Flow' segment:
  - Start the 'Flow Player' and use it with the named Randomization Scheme
- 'User' segment:
  - Start the 'Flow Player' and use it with the (User selected) Randomization Scheme
  - Create a new .wotjabox file ('Box')
  - Open a file you have previously saved
  - Open any of the relevant supported filetypes
  - Delete/duplicate/rename files
  - If you install any 3rd party Boxes you will see and can play them from here.
- 'Built-In' segment:
  - Load a Built-In Album (e.g. Calm or Relax)







The only difference in display of this screen in Desktop and Mobile versions is that in the 'User' segment in the Desktop version you can have multiple files (mixes, playlists, Boxes and Albums) open, each one shown in a different tab at the top of the screen.

- Tip: To close an open tab in the Desktop version use Cmd+W (macOS) or Ctrl+W (Windows).

iOS/macOS: When you first start the app you're prompted if you want to use iCloud or Local. Go your device's iCloud Settings screen, scroll down that and look for this Wotja app and go into that screen. You will see a "Use iCloud" toggle and you then set it as you wish. See [iCloud Settings](#).

Filetypes:

- The files that this Wotja app can open directly are: .wotjabox ('Box').
- See the FAQ: [File Management - Where should I put or look for App Files?](#).

UI Item	Description
 <p>Settings</p>	Go to <a href="#">Settings</a> screen.
 <p>Action</p>	<ul style="list-style-type: none"> <li>• <i>Refresh</i>: Refreshes the display in the Documents screen and resyncs to iCloud (if in use).</li> <li>• <i>Sort Order...</i>: You can choose how the files in the User segment are sorted as follows: <ul style="list-style-type: none"> <li>• Sort: New-Old</li> <li>• Sort: Old-New</li> <li>• Sort: A-Z</li> <li>• Sort: Z-A</li> </ul> </li> <li>• <i>Help &amp; Documentation</i>: Visits this User Guide online.</li> <li>• <i>Cancel</i>: Closes the popup menu.</li> </ul>
 <p>File View Control</p>	<p>Tap to select either the 'User' or 'Built-In' File view:</p> <ul style="list-style-type: none"> <li>• <i>'User'</i>: Displays thumbnails of any files of filetypes supported by the app that are present in the Wotja iCloud folder or present in the Local Wotja data folder on the device (see iCloud/Local below )</li> <li>• <i>'Built-In'</i>: Displays thumbnails of any Albums that are included in the app (e.g. 'Calm' and 'Relax')</li> </ul>
 <p>Flow Flow button</p>	<p>Tap a Flow button to start the '<a href="#">Flow Player</a>' mode.</p> <ul style="list-style-type: none"> <li>• <i>'Flow' segment</i>: Flow Player uses the named <a href="#">Randomization Scheme</a>.</li> <li>• <i>'User' segment</i>: Flow Player uses the user selected (or default) <a href="#">Randomization Scheme</a>.</li> </ul>
 <p>Add New Add New</p>	<ul style="list-style-type: none"> <li>• <i>Album (automatic)</i>: Creates a new 'Box' (.wotjabox) of mix files based on various <a href="#">Randomisation Settings</a> (meaning you can create a lot of mixes with nice icons in just one button press).</li> </ul>
 <p>Easily</p>	<p><i>Saved File</i>: Tap on one of the Saved File document thumbnails to open a previously created file.</p> <p>How the thumbnail displays depends on a number of factors:</p>



Easily  
Saved File  
Thumbnail

How the thumbnail displays depends on a number of factors.

- When a Box was created, what Icon Text setting was used: Cut-up, TTM or none
- What auto-generated icon is in use?
- Is it a Box (.wotjabox file)? Boxes are indicated by a small golden box icon that overlays the bottom right of the thumbnail image.

Create

Filename

Tap on the Filename below the thumbnail for the following popup menu:

- Open
- Delete
- Rename
- Duplicate
- Cancel



My Album  
.wotjabox  
Thumbnail

*Wotja 'Box' file:* Boxes (.wotjabox files) are played in and exported from the [Box Player](#) or created in one press via New > Automatic (album).

Boxes are indicated by a small box icon that overlays the bottom right of the thumbnail image.

If the Box includes a thumbnail image then you will see that here.

## Flow Player

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The Flow Player is opened from the [Documents](#) screen as follows:


- *'Flow' segment:* Tap a Flow button and the Flow Player will start generating according to the named [Randomization Scheme](#).
- *'User' segment:* Tap the Flow button and the Flow Player will start generating according to the user selected (or default) [Randomization Scheme](#).









It is used to:



- Generative a succession of freshly created mixes whose play time is governed by the Mix Duration values in Settings.
- Playback will continue until either the Sleep Timer kicks in (if active) or the Music Play Time Timeout (MPTT) is reached.
- How each mix is generated depends on the various settings in the currently selected [Randomization Preset](#).

The maximum Play Time is governed by the value of the Music Play Time Timeout (MPTT). Once it has been reached music playback will stop. Press the relevant Wotja play button to restart play.

The MPTT for the Flow Player in Wotja Box 19 is 2 hours. See [Feature Sets](#).

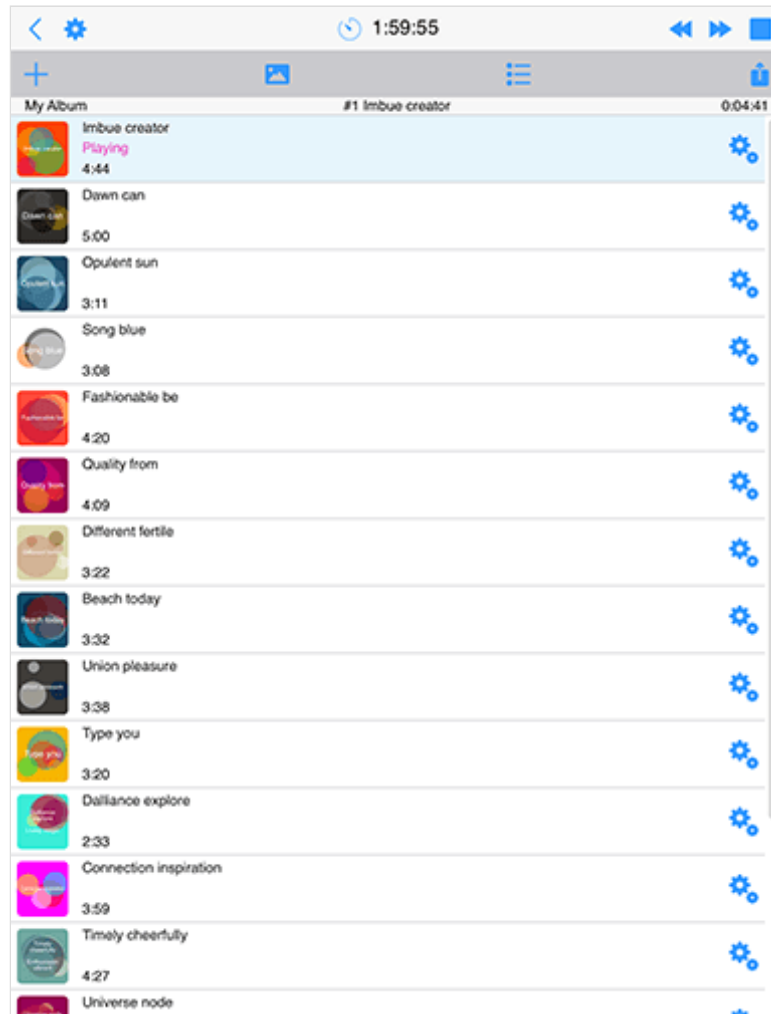
UI Item	Description
	Takes you back to the Documents screen.

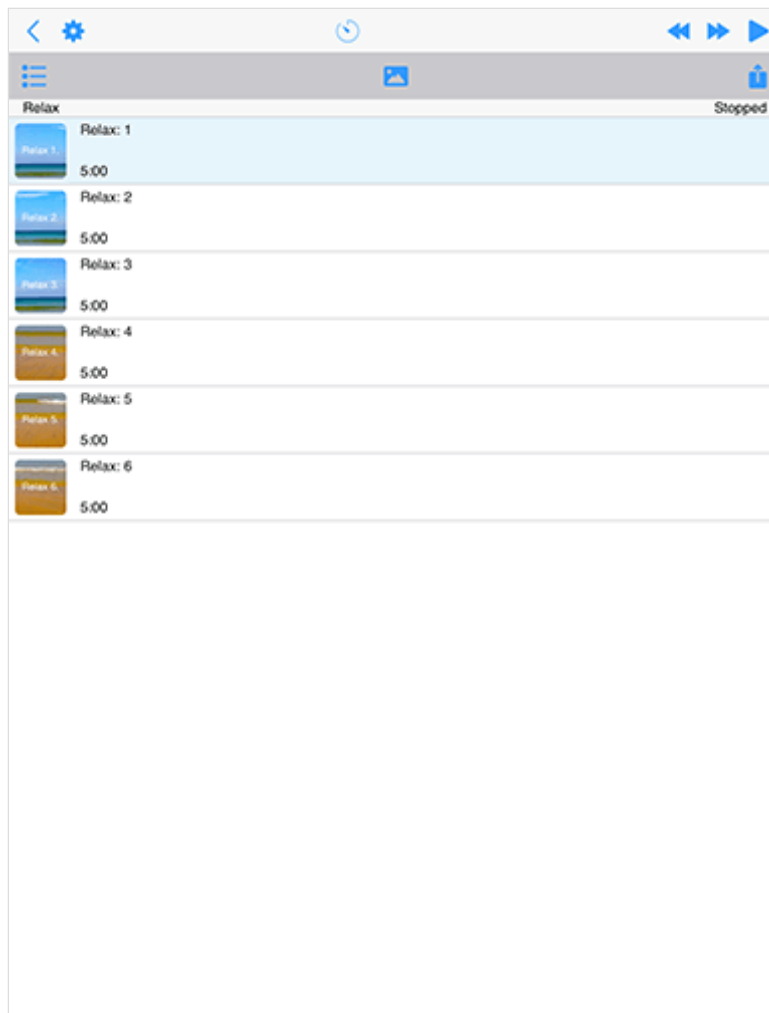
 Back	
 Settings	Takes you to the <a href="#">Settings</a> screen.
 0:09:32 Play Time Remaining	Shows the total Play Time remaining before Wotja will stop playing. The maximum this can be is governed by the value of the Music Play Time Timeout (MPTT).  The MPTT for the Flow Player in Wotja Box 19 is 2 hours. See <a href="#">Feature Sets</a> .  Tap the Sleep Timer button just to the left of the Play Time Remaining indicator to go to the <a href="#">Settings Screen</a> where you can set the Sleep Timer. When there the Sleep Timer is on the button looks more solid.
 Lock	Locks the mix so that it is restarted when it reaches its end rather than another being generated.
 Next	Forces another mix to be generated.
 Flow	Shows that you are in Flow mode.
 Action button	Lets you export the Flow mix as a Box file.  Visit the User Guide online with the Help & More item.
 0:02:19 Flow Mix Play Time	Shows the Play Time remaining for the current Flow mix.  The Flow mix Music Play Time Timeout is 2 hours in Wotja Box 19. See <a href="#">Feature Set</a> dependent.  <i>Tip:</i> To change how long mix will play for try changing the Duration/Max and Duration Max/Range values in Settings to override what is in the Preset. Doing that lets you override what is in the Preset. It's fun!

 Prosperity taste. Drawing creative. Generative. Display Text	Whether any text is displayed here depends on Icon Text value used by the Randomization Preset (Settings > Randomization). The text is present in the underlying mix file and can be Cut-up or TTM text.  <i>Tip:</i> To change what is displayed try changing the 'Icon Text' value in Settings. Doing that lets you override what is in the Preset. It's fun!
 Background	The background used in Flow Mode depends on the Icon Pallete and Icon Graphic values used by the Randomization Preset (Settings > Randomization).  <i>Tip:</i> To change what is displayed try changing the Icon Pallete and Icon Graphic values in Settings. Doing that lets you override what is in the Preset. It's fun!

Settings. Doing that lets you override what is in the Preset. It's fun!

## Box Player





The Box Player is used to play Box files, Playlists and Albums. It is opened from the Documents screen as follows:

- 'User' segment:
  - Opening a Wotja 'Box' file (.wotjabox)
  - Creating a new Box (Automatic album)
    - Create New & Album (Automatic)
    - Desktop: Titlebar Menu > New & Album (Automatic)
- 'Built-In' segment:
  - Tapping on a Built-In 'Album'

It is used to:

- 'User' segment:
  - Play Wotja 'Boxes' (.wotjabox files, 'Box')
  - Export *user created* Boxes from Playlists
  - Edit Mix Override settings for Boxes (these values are saved back to that file)
  - If you install any 3rd party Box you will see and can play them from here.
- 'Built-In' segment:
  - Play a built-in 'Album' (currently 'Calm' and 'Relax')



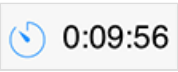





The maximum Play Time is governed by the value of the Music Play Time Timeout (MPTT). Once it has been reached music playback will stop. Press the relevant Wotja play button to restart play.




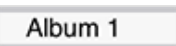

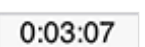

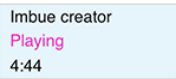

The MPTT for the Box Player in Wotja Box 19 is 2 hours. See [Feature Sets](#).

## Box Player File Types

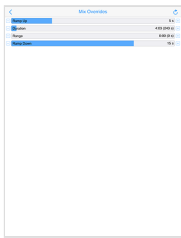
- Wotja 'Album':
  - A special kind of built-in play-only Box that does not allow exporting of mixes or Mix Overrides.
- Wotja 'Box' (.wotjabox):
  - Container files that can be created directly through creating an Automatic album . They include all parameter settings, text and images for the included mixes/files - which makes them great for sharing your favourite creations.
  - Note: Any Box that includes mixes that feature templates from a 3rd party template 'Pak'(s) and which uses media such as loops or add-on content must have that 'Pak' installed on any device on which you play those Boxes. See: [iCloud Folder](#) or in the [Intermorphic Folder](#).

UI Item	Description
 Back	Takes you back to the Documents screen.
 Settings	Takes you to the <a href="#">Settings</a> screen.
 Play Time Remaining	<p>Shows the total Play Time remaining before Wotja will stop playing. The maximum this can be is governed by the value of the Music Play Time Timeout (MPTT).</p> <p>The MPTT for the Box Player in Wotja Box 19 is 2 hours. See <a href="#">Feature Sets</a>.</p> <p>Tap the Sleep Timer button just to the left of the Play Time Remaining indicator to go to the <a href="#">Settings Screen</a> where you can set the Sleep Timer. When there the Sleep Timer is on the button looks more solid.</p>
 Previous	Takes you to the previous playlist item.
 Next	Takes you to the next playlist item.
 Add Item	<p>Tap to add a file to your Box or Playlist.</p> <ul style="list-style-type: none"> <li>• <i>New Random Mix (Box file only)</i>: Tap to add a new Random mix to your album.</li> </ul>
 Sequential Play  Random Play	Tap to toggle between sequential and random play.

 <p>Action</p>	<ul style="list-style-type: none"> <li>• <i>Export to Clipboard as Wotja Box Album (Box/Playlist file only):</i> This is for when you want to embed your Box in a webpage as a Wotja URL.</li> <li>• <i>Save Wotja Box Album to File (Box/Playlist file only):</i> Allows you to export your Wotja Playlist to a Box file that is then saved locally. You might choose to do this to if you wish to share your album.</li> <li>• <i>Help &amp; More:</i> Visit the User Guide online.</li> </ul>
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 <p>Box/Playlist/Album Name</p>	<p>The name of the Box/Playlist/Album (left of status bar).</p>
 <p>File Name</p>	<p>The name of the currently selected File (middle of status bar).</p>
 <p>File Play Time</p>	<p>Shows the Play Time left for the current file (right of status bar).</p> <p>This value can only be adjusted in Mix Overrides (Box file only).</p> <p>The maximum duration of a mix in Wotja Box 19 is effectively 2 hours, as that is the MPTT in Wotja Box 19. See <a href="#">Feature Sets</a>.</p>
 <p>Box/Album Thumbnail</p>	<p>Tap the thumbnail to go to Full Screen display (see below).</p>
	<p>The top line is the file name.</p> <p>The center line displays "Playing" when the file is playing.</p> <p>The bottom line displays the minimum and maximum piece time. These values are set in Mix Overrides (Box file only).</p> <p>Tap the central area to play or stop the file. When the file is playing the item will be a light blue colour.</p>
	<p>Tap for a pop-up menu where you are presented with the following options (Box/Playlist files only):</p> <ul style="list-style-type: none"> <li>• <i>Mix Overrides:</i> See the item below.</li> <li>• <i>Random Icon (Box file only):</i> Allows you to randomly generate a new icon according to the "<a href="#">Random</a> &gt; Albums &gt; Icon Palette and Icon Graphic" settings.</li> <li>• <i>Move Up:</i> Only shown if you have a subscription enabled or are using the Annual version.</li> <li>• <i>Move Down:</i> Only shown if you have a subscription enabled or are using the Annual version.</li> </ul>

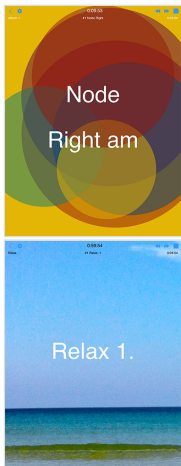
- *Delete*: Only shown if you have a subscription enabled or are using the Annual version.
- *Cancel*: Cancel out of the pop-up.



Mix Overrides Screen  
(click image for large)

These settings (Box file only) override any related settings that may be in the File in the Box (these File related Playlist settings are set in the Cell Rules panel in the Mix Tab).

- *Ramp Up*: Sets how long it takes for the file volume to ramp up once the file has started to play.
- *Duration*: Sets how long the file will play for (Piece time).
- *Range*: Sets a range on how long the file can play for.
- *Ramp Down*: Sets how long it takes for the file volume to ramp down before play moves to the next file.



Fullscreen  
(click image for large)

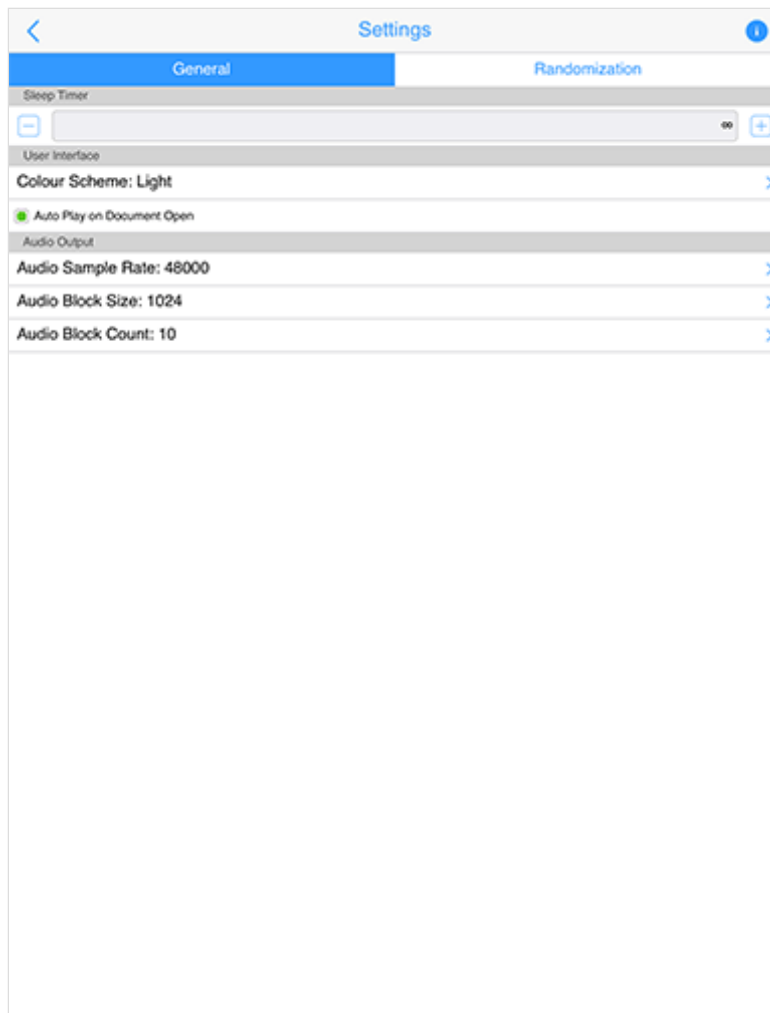
Fullscreen display is for when you want to sit back, look at any included image/message and reflect on the music.

When you first go into Fullscreen display a faint white toolbar appears at the top to help you see the controls.

Tap in the center of the screen to return to the Box player screen.


## Settings: General

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The General "segment" in Settings is where you set the Sleep timer if required, the User Interface mode (Light or Dark) and various Audio settings.

This screen is accessible from the Cog item which is shown in the Documents screen and others.

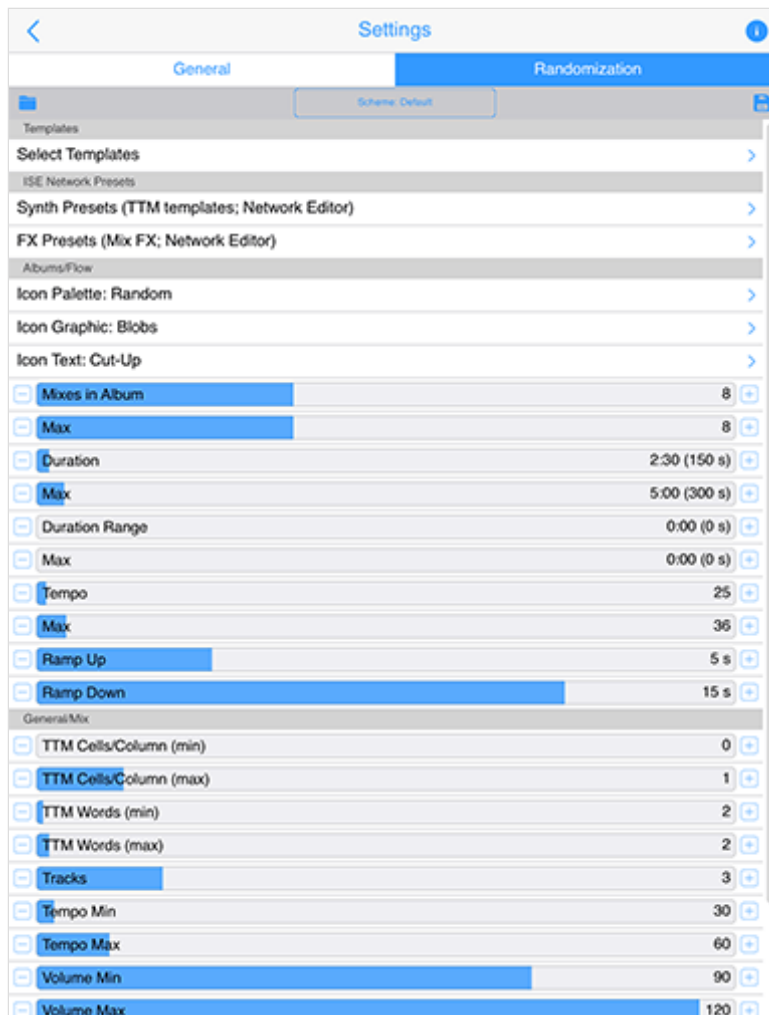
Item	Description
 Info	Select for a popup with links to further information, such as version number, links to this user guide, website, EULA, Privacy Policy etc.
<b>Sleep Timer</b>	
Timer Slider	<p>(Default: Infinite) The sleep timer can take values 1m to 60 mins. Use it to set how long you want to Wotja to play before fading out over the last few seconds of play time.</p> <p>The timer is off when the slider is in the near left position. You will then see the value shown as ∞.</p> <p>If the setting is ∞ then it means there is no sleep timer active and the only timer in operation is the Music Play Time Timeout.</p>
<b>User Interface</b>	

Colour Scheme: Light/Dark	(Default: Light) This where you choose whether you want the app to use a Light or Dark scheme to suit your preference. This User Guide uses the Light scheme.  Select the Light or Dark option to change theme - it is that simple!
Auto Play on Document Open	(Default: Enabled) This setting simply means that when you open any file it will start to play.
<b>Audio Output</b>	
Audio Sample Rate	(Default: 48 kHz or 44 kHz auto selected depending on device capabilities [iOS, macOS, Windows]; 22Khz [Android]). iOS: If you experience noise with Wotja in AudioBus, consider changing the sample rate between 48000 and 44100 Hz. If, after changing sample rate, you get occasional audio break-up, consider experimenting with the Audio Latency value, below.
Audio Block Size (iOS, Android)	(Default: 1024 samples [iOS]; 2048 [Android]). This setting is of particular use if you are using Wotja on an older device or are using it routed via Audiobus or Inter-App Audio - higher values minimise audio artifacts which also depend on device power and mix/sound/fx complexity. Used in conjunction with Audio Block Count.
Audio Block Count (iOS, Android)	(Default: 10 [iOS]; 5 [Android]). This setting is of particular use if you are using Wotja on an older device or are using it routed via Audiobus or Inter-App Audio - higher values minimise audio artifacts which also depend on device power and mix/sound/fx complexity. Is the number of Audio Blocks of size determined in Audio Block Size setting.

## Settings: Randomization

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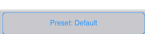

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The Randomization "segment" in the Settings screen is a very powerful screen.

It is where you select the Randomization Scheme used for Randomization as well as being able to override the values of Randomization parameters.

Randomization parameters determine both how the mixes in Flow and Automatic albums ('Boxes') are created and whether text is displayed on screen in Flow mode and/or the Box Player Fullscreen mode. Randomization is also used to determine how mix Cells are populated with templates when using the Random function in Wotja, including how TTM voice text randomisation is applied to mixes and how Cut-up is generated in the [Text Editor screen](#) to mention a few.

Parameter	Description
<b>Schemes</b>	
 Open	Opens the Scheme list.
 Selected Scheme	Shows the selected Randomization Scheme.
	Displays a pop-up menu for you to save changes to the current scheme or to save as another

Save	one (create your own!).
<b>Templates</b>	
Templates for Randomization	<u>Templates screen</u> : This easy access to the templates screen means you can always easily change the pool of templates you want to randomize from.
<b>ISE Network/Presets</b>	
Synth Presets	<p>This takes you to a screen that lets you select the pool of <u>ISE Network</u> presets that are available for selection and use as sounds:</p> <ul style="list-style-type: none"> <li>• For TTM players (only) when randomizing a mix or creating a new Random mix, Flow or Box</li> <li>• When in the ISE Network Editor and you use the randomize button</li> </ul> <p>If no presets are selected then no random selection occurs.</p>
FX Presets	<p>the pool of <u>ISE Network</u> presets that are available for selection and use:</p> <ul style="list-style-type: none"> <li>• As (top level) Mix FX when randomizing a mix</li> <li>• When in the ISE Network Editor and you use the randomize button</li> </ul> <p>If no presets are selected then no random selection occurs.</p>
<b>Automatic album (Box)/Flow</b>	
Icon Palette	<i>Default - Random</i> : Select from one of 35 includes palettes for auto-icon generation in Boxes or Mixes.
Icon Graphic	<i>Default - Blobs</i> : Select from 2 different kinds of icon graphic styles for auto-icon generation in Boxes or Mixes. The choices are: Blobs or Geometric.
Icon Text	<i>Default - TTM</i> : Select what text, if any, you want to display in your icon. The choices are: TTM, Cut-Up or none.

Mixes in Box	<i>Default - 8</i> : The minimum number of mixes in an automatically generated Box.
Max (Mixes in Box)	<i>Default - 8</i> : The maximum number of mixes in an automatically generated Box.
Duration	<i>Default - 2.5 m (150 s)</i> : The minimum time a mix is configured to play for in an automatically generated Box.
Max (Duration)	<i>Default - 5 m (300 s)</i> : The maximum time a mix is configured to play for in an automatically generated Box.
Duration	<i>Default - 0 s</i> : The minimum duration that is added to a mix's Duration above <i>when the Box is</i>

Range	<i>Default - 0 s:</i> The minimum duration that is added to a mix's Duration above <i>when the Box is created.</i>
Max (Duration Range)	<i>Default - 0 s:</i> The maximum duration that is added to a mix's Duration above <i>when the Box is created.</i>
Tempo	<i>Default - 25 BPM:</i> The minimum tempo of a mix.
Max (Tempo)	<i>Default - 36 BPM:</i> The maximum tempo of a mix.
Ramp Up	<i>Default - 5 s:</i> How long a mix takes to ramp up to its full volume.
Ramp Down	<i>Default - 15 s:</i> How long a mix takes to ramp down to zero volume.

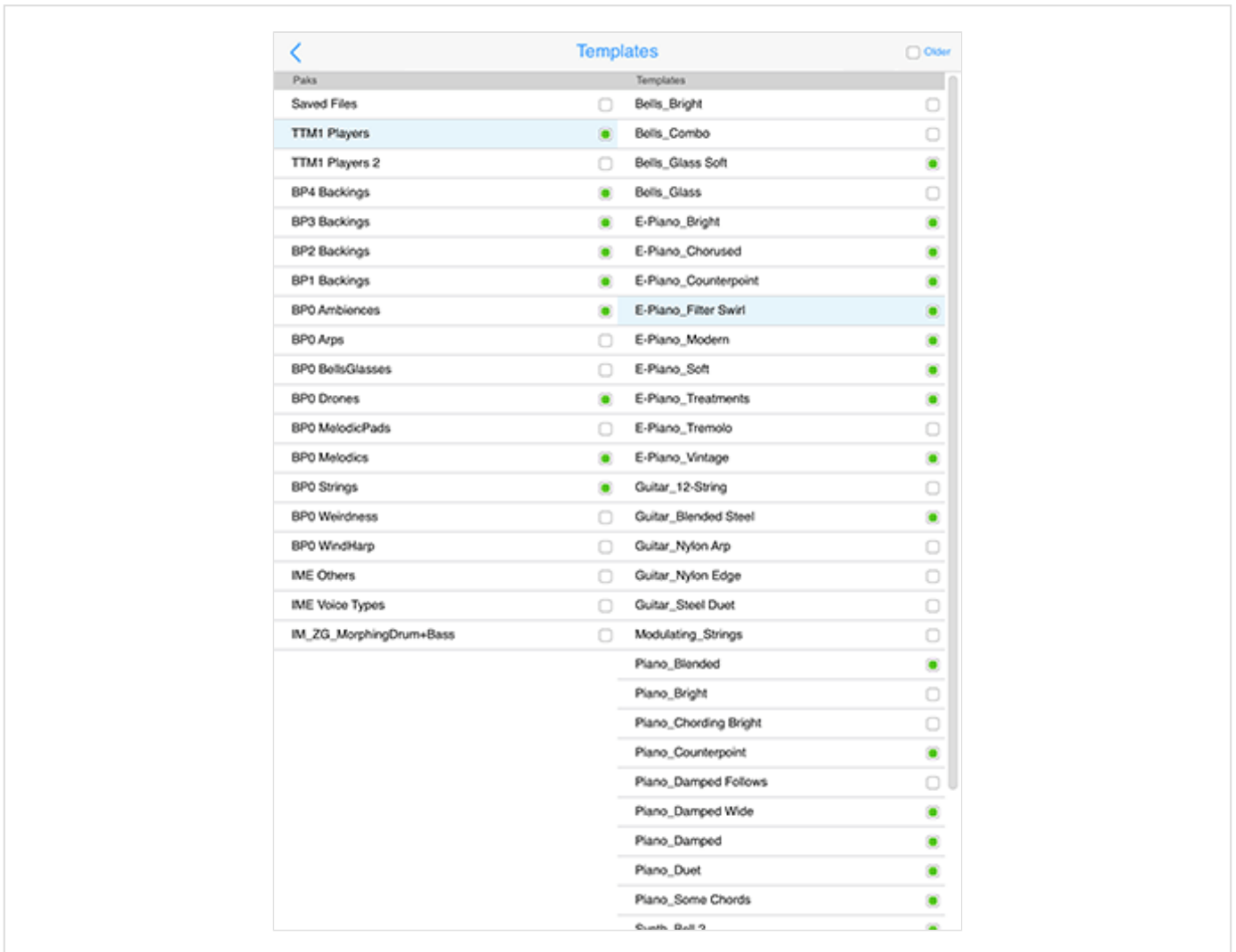
### General / Mix

TTM Cells/Column (min)	<i>Default - 0:</i> The minimum number of TTM Players that will be in a column, assuming you have a TTM Pak available for selection when randomizing.
TTM Cells/Column (max)	<i>Default - 1:</i> The maximum number of TTM Players that will be in a column, assuming you have a TTM Pak available for selection when randomizing.
TTM Words (min)	<i>Default - 2:</i> The minimum number of words that will be added to a TTM Text field on creating a new random mix or in the <a href="#">TTM Text Editor</a> when using the Randomize button with Randomise option selected.
TTM Words (max)	<i>Default - 2:</i> The maximum number of words that will be added to a TTM Text field on creating a new random mix or in the <a href="#">TTM Text Editor</a> when using the Randomize button with Randomise option selected.
Tracks	<i>Default - 3:</i> The number of Tracks that will have their cell contents (below) randomized (starting with Track 1).
Tempo Min	<i>Default - 30 bpm:</i> - The minimum tempo of a new, random mix.

Tempo Max	<i>Default - 60 bpm:</i> - The maximum tempo of a new, random mix.
Volume Min	<i>Default - 90:</i> - The minimum volume of a track in a new, random mix.
Volume Max	<i>Default - 120:</i> - The maximum volume of a track in a new, random mix.
Pan +/-	<i>Default - 30:</i> - How far away from center that pan can be for a Track in a new, random mix.
Reset All Random Settings	Resets all values back to their Defaults.



## Settings: Templates



Templates are at the heart of Wotja. They are self contained "generative music and sound presets" - they can vary from being simple to very complex complex generators of notes and sounds. Their use is fundamental to how Wotja works.

Using [randomisation techniques](#) Wotja lets you mix templates together to very quickly create interesting music mixes. Once added to a mix you can edit/customize any of their settings, but you do not have to - they sound great as they are!

The Templates screen is where you preview and select templates that you want to have in your Randomization Preset.

On the left of the top panel is a button that takes you back to the screen you came from. Depending on how you accessed this screen, the top right menu items will vary (see below).

*Tip:* If you tap on a template or file in the left hand panel you can preview it without having to open it.

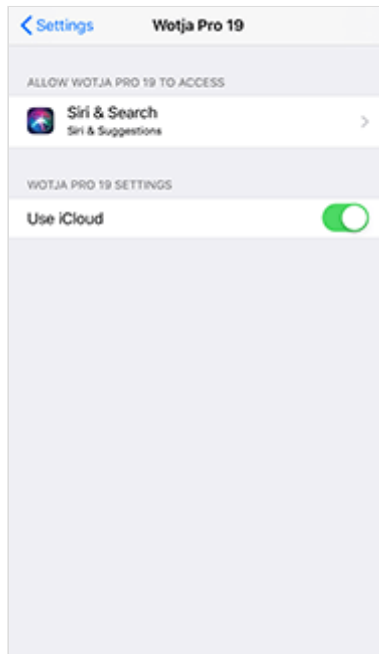
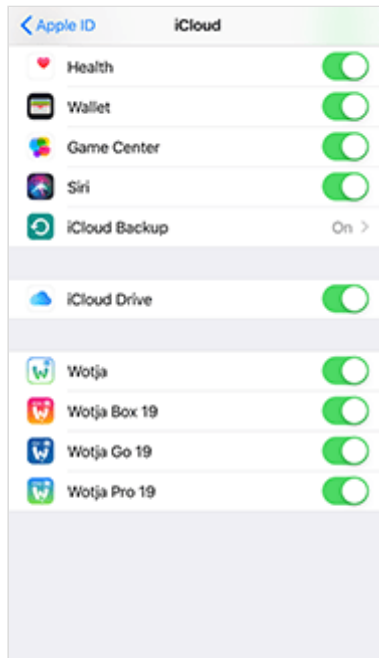
UI Item	Description / Menu Items
	Back to the Settings screen.

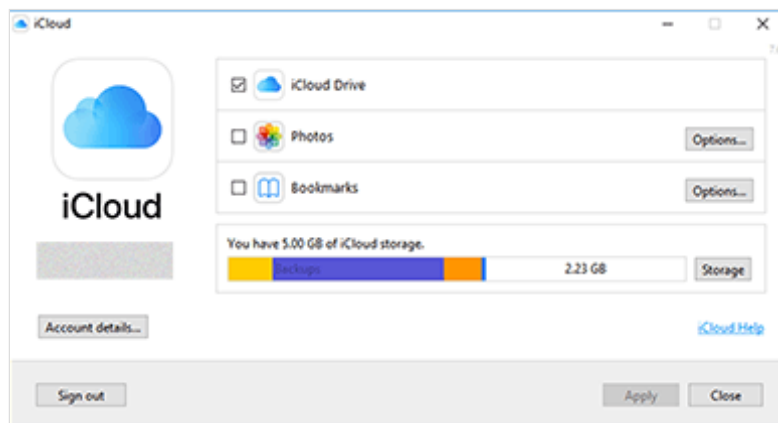
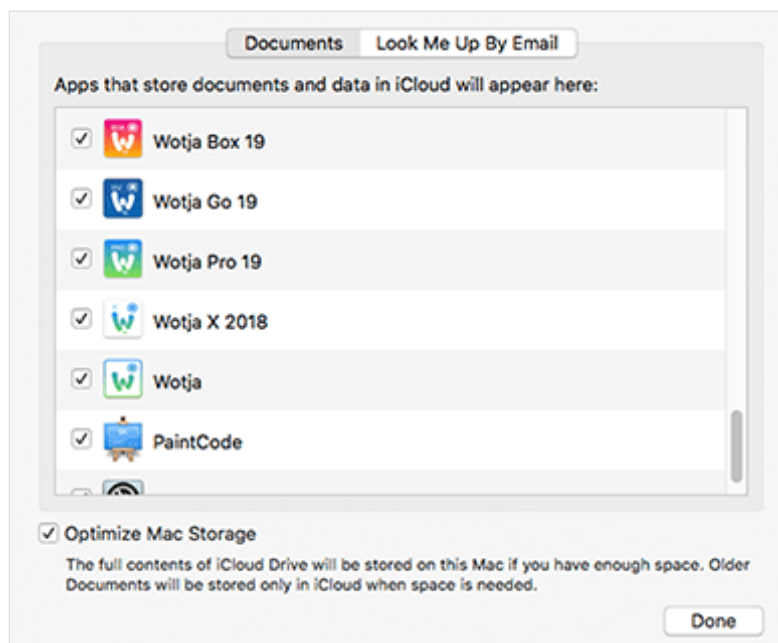
<div data-bbox="113 136 233 344"> <p>Paks</p> <ul style="list-style-type: none"> <li>Saved Files</li> <li>TTM1 Players</li> <li>TTM1 Players 2</li> <li>BP4 Backings</li> <li>BP3 Backings</li> <li>BP2 Backings</li> <li>BP1 Backings</li> </ul> </div> <div data-bbox="113 349 197 405"> <p>Paks (left list)</p> </div>	<p>The list of Paks you can select a Template from.</p> <p><i>Saved Files</i>: Always shown at the top for easy access, this is list of wotjas or generative templates that you have already created and saved.</p> <p><i>TTM 1 Players</i>: Templates that use Text-to-Music techniques to generate melodies.</p> <p><i>BP1-4 Paks</i>: These include templates optimised for Wotja 19.</p> <p><i>BP0 Paks</i>: These include templates optimised for Wotja 4.</p> <p><i>IME VoiceTypes</i>: Simple templates that let you start a cell with just one VoiceType.</p> <p><i>IME Others</i>: Older sundry templates.</p> <p><i>BP00 Paks</i>: (Shown in dark grey, and only if "Older?" toggle is on). The Paks that were available for Noatikl 3 and Mixtikl 7</p> <p><i>BP000 Paks</i>: (Shown in dark grey, and only if "Older?" toggle is on). These include generative templates that came with Noatikl 1 and Mixtikl 1-5.</p> <p><i>3rd Party Paks</i>: If you have them installed, older IM Paks (e.g. <u>MDB or the AL Collections</u>) are shown in dark grey, italic. Other third party paks are shown in black, italic.</p>
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<div data-bbox="113 1025 233 1240"> <p>Templates</p> <ul style="list-style-type: none"> <li>Bells_Bright</li> <li>Bells_Combo</li> <li>Bells_Glass Soft</li> <li>Bells_Glass</li> <li>E-Piano_Bright</li> <li>E-Piano_Chorused</li> <li>E-Piano_Counterp</li> </ul> </div> <div data-bbox="113 1249 213 1305"> <p>Templates (right list)</p> </div>	<p>The list of Templates in the selected Pak. Tap to preview a Template; tap again to stop the preview.</p>
<div data-bbox="113 1339 233 1413"> <p><input type="checkbox"/> Older</p> </div> <div data-bbox="113 1417 185 1473"> <p>Older? (Left)</p> </div>	<p>Toggle this on to see generative templates that were included in precursors to Wotja V19, e.g. Noatikl and Mixtikl.</p>

## Settings: iCloud

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**IMPORTANT: To use iCloud in Wotja you MUST have set up/toggled on iCloud Drive ("iCloud Drive") - See also [Apple's iCloud Help resource](#).**

**IOS IMPORTANT: You must ALSO have the relevant Wotja App's "Apps Using iCloud" toggle AND the relevant app's Settings "Use iCloud" both toggled on. If you do not want to use iCloud with Wotja turn them both off. If both have different toggle states then when you launch Wotja it can crash. We know it is confusing, sorry!**

Using Wotja with iCloud enabled makes it easy to edit/use Wotja files across multiple devices, be they iPhones, iPads, Macs or Windows PCs. When it is enabled then all Wotja files in the iCloud Drive folder are all stored in the cloud, also a great form of backup!

**iOS - Set up/Use iCloud Drive:**

This screen is where you both turn on the "iCloud Drive" toggle and then set what apps can use it for file saving using the relevant "Apps Using iCloud" toggle.

This screen is accessed as follows: From the iOS Settings Screen > Apple ID, iCloud, iTunes & App Store (Your Name) > iCloud (see also [Apple's iCloud Help resource](#))

- **"iCloud Drive" toggle:** This is found after the iCloud Backup toggle. It must be toggled on for any app (including Wotja!) to use iCloud Drive to save data.
- **"Apps Using iCloud" section toggles:** Scroll further down the screen to find the version of Wotja that you have installed and then turn the toggle on (e.g. Wotja Pro 19). *Both this and the Wotja "Use iCloud" must have the same toggle status or you can get a crash on launching Wotja.*

#### **iOS - Wotja "Use iCloud" toggle:**

This screen is where you set whether Wotja can use Mobile Data and whether or not it uses iCloud for file saving. It is accessed from the iOS Settings Screen.

- **Wotja "Use iCloud" toggle:** Scroll down the iOS Settings screen to find the version of Wotja that you have installed, tap on it and then in the ensuing screen find the App Settings section (e.g. Wotja Pro 19 Settings) and turn on the toggle "Use iCloud". *Both this and the Wotja "Use iCloud" must have the same toggle status or you can get a crash on launching Wotja.*

#### **macOS - "iCloud Drive" / Wotja "Use iCloud":**

See also [Apple's iCloud Help resource](#).

- **"iCloud Drive" toggle:** From the macOS System Preferences screen go into iCloud and in the ensuing iCloud screen ensure the iCloud Drive setting is toggled on.
- **Wotja "iCloud Drive" toggle:** In the iCloud screen above tap on the iCloud Drive "Options" button and in the ensuing screen (shown left) select the Documents tab and scroll down the screen to find the version of Wotja that you have installed and then turn the toggle on (e.g. Wotja Pro 19).

#### **Wotja iCloud Drive App screen (Windows):**

The Windows iCloud Drive app is required to enable/synch iCloud files on your Windows PC (and thus the Wotja iCloud Drive folder). To set it up find/load the Windows iCloud Drive app and ensure iCloud Drive is toggled on.

*Important Note:* Wotja for Windows will by default save Wotja files to the Wotja Folder (you can however choose to save to the Wotja iCloud Drive folder using File Save As). All mixdown recordings are always saved to the Wotja Folder. The Wotja Documents screen will, however, only display/load files from the Wotja Folder. If you have saved Wotja files to the Wotja iCloud Drive folder then to see them in the Documents screen simply move them to the Wotja Folder and then press the Action button in the Documents screen and select refresh.

## Credits

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Intermorphic is Tim Cole & Pete Cole - yes, just two brothers - and we have now been working together in generative music since 1990. However, without the incredible support and interest from so many over the years then we would not be where we are today with our current Apps, Engines and Content. Our thankyou list below is an ever expanding one, in no particular order, and does not include everyone (sorry to those we have missed!). We offer our heartfelt thanks and gratitude to:

- All our old friends and colleagues from SSEYO days including from the early days Jon Pettigrew, John Wilkinson, Steve Crawshaw & Chandra Modi and including from later days (1996 onwards) Jerry Leach, Paul Blampied, Jerry Swan, Nick Barefoot, Simon Robertson, Kerry-Anna Saia, Natalie Da Gama Rose,

John Tenkoni and also including Jesper Bennedbaek, Wenwu Wang etc. from our Tao Group audio days (we are focusing primarily on audio and so there are way too many to list here, but they include all those who went on to work at Antix Labs!)

- Timothy Didymus and Mark Harrop, longstanding friends, colleagues and artists with incredible talent whose sublime generative music creations have, on the many occasions when times were hard, given us the much needed inspiration to press onwards.
- All customers, and most especially those who wish to continue with us as we move forward - *we love you, thank you!*
- Everyone who made contributions to our forums, has helped others and given feedback or who has blogged, tweeted, facebooked or otherwise written nicely about or shared content they have made with our apps and in so doing helped others to find us - *we love you, thank you!*
- Our outstanding beta testers for their testing efforts and everyone who has given feedback, found bugs and helped with suggestions.
- Early content creators such as David Muddyman, Andrew Garton, Paul Weir and Igor Dvorkin.
- Finally, a big thanks to Brian Eno for his support and kindness to us in the SSEYO Koan years, out of which arose his pioneering release "Generative Music 1" with SSEYO Koan Software'.

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