The Leaf

SOLAR GROVE
SOLUTIONS

User Manual

Easy Start!

To turn your Leaf on, press and hold the power button on the back of the player until the "Starting Up…" screen is displayed. Once the Home Screen is displayed the tablet is ready.

To begin use, make sure the currently selected input source is populated with the correct folder structure and file types.

To turn the tablet off, press the power button again for about 2 seconds. The power-off dialog will appear with a confirmation slider. Swipe to the right to shut Leaf down. **¹**

¹*Leaf may also be shut down or restarted from the Information Screen.*
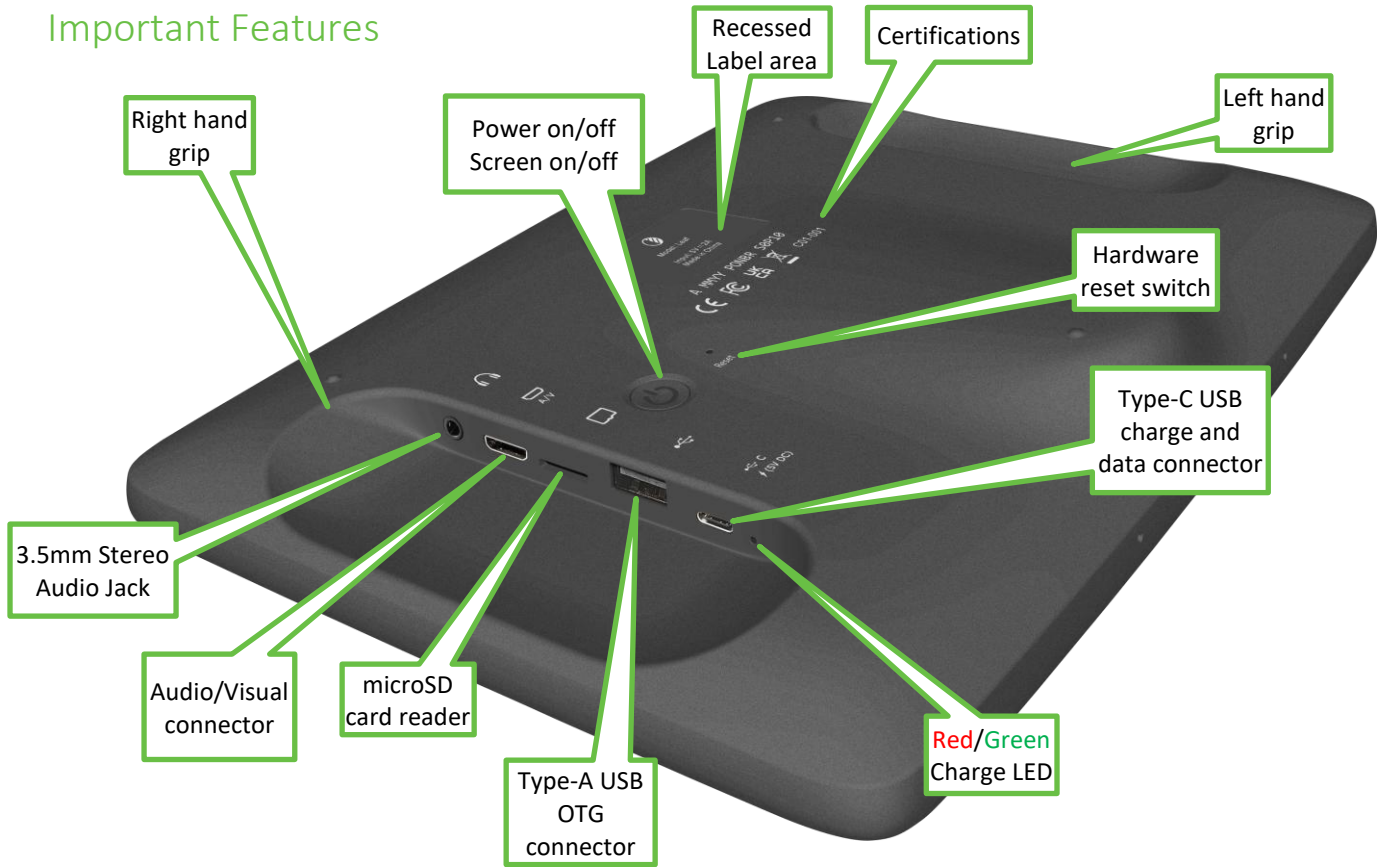
About the Screen

Your Leaf includes a 10.1", 800 x 1280 pixels, IPS touch screen.

- Supported Hand Gestures: Tap; Double-tap; Drag; Swipe; Flick; Pinch, Spread **²**
- After 1 minute of inactivity, the screen will time out automatically, but the tablet is still on. **³**
- If the screen is still untouched for an additional 10 minutes, and playback inactive, Leaf turns itself off.
- At any time during operation, a click on the power button will turn the screen off, but the player is still on and audio output continues. A second click restores the screen. **³**
- If the screen is turned off during active playback, the player will remain on as long as playback continues.

   ²*The current screen determines which are available.*   **³***Except when output is to an active A/V device.*

Important Features

Recessed Label area

Certifications

Left hand grip

Right hand grip

Power on/off Screen on/off

Hardware reset switch

Type-C USB charge and data connector

3.5mm Stereo Audio Jack

Audio/Visual connector

microSD card reader

Type-A USB OTG connector

Red/Green Charge LED

Audio/Visual (A/V)

The Leaf provides an A/V connector for output to *most* A/V compliant devices (large monitors, flat-screen TVs, etc.). Use the 2m A/V cable included with Leaf. [1]

When an A/V device is connected, the A/V icon will appear at the top of the screen and will automatically connect to the device.   Tap this icon to open a menu.

The menu choices are as follows:

- A/V device (audio/video) + TABLET (video) [2]

- A/V device (audio/video) + TABLET (audio/video) [3]

The current setting is always the highlighted one. Tapping on either option will transfer the audio output to your selection and then close the menu.

[1]*For devices that provide multiple A/V input connections, make sure it is set to use the correct A/V port.*

[2]*Minor cropping of the display edges may occur with some large screen TVs or monitors. Check "overscan" setting.*

[3]*This option causes audio to be output to both the A/V device (if it has speakers) and to Leaf's internal speakers concurrently. If both are working, and the sound is not good, try muting the audio from one or the other.*

[4]*To terminate output to the A/V device, simply disconnect the cable.*

Player Storage

The Leaf supports 3 types of accessible storage:

- Internal/fixed
- External/removable microSD
- External/removable Type-A/OTG

The current input device is user selectable from the Input Device Selection Screen and remains current until changed[2] or removed[2] (external storage only) by the user. For device details and specifications, please see Input Devices.

To connect a microSD card, insert it into the card reader slot with the brass contacts facing away from you (with the label side up as in the illustration). Gently press the card inwards until it locks in place. To remove[1] the card, use your fingernail and gently press it in until the card releases so you can grasp it.

[1]*When removing a card, take care that it does not spring out when released!*

To connect an OTG device, gently insert it into the Type-A connector next to the microSD card reader slot. It will only fit in correctly when the side with the 2 openings is facing you (per the illustration).

[2]*To ensure that bookmarks are saved, please return to the Home Screen before removing either device.*

Player Security/USB Access

The following security settings and USB access are configured for The Leaf:

- Internal Storage[3]:   Encrypted[1] or Unencrypted files   accessible *only* by SSU[2] cable
- External microSD[3][4]:   Encrypted[1] files *only*   accessible by Data or SSU cables
- External Type-A/OTG[5]:   Encrypted[1] files *only*   <u>not</u> directly accessible from The Leaf[3]

[1]*Solar Grove Solutions offers a free Windows program that provides this encryption for The Leaf. You may download it here.*
When encrypted files are required, unencrypted files are skipped/ignored by Leaf.

[2]*Requires **SSU-V2-A** Type-C USB cables. Contact your sales representative for details.*

[3]*Due to internal USB limitations, there is different behavior depending on which cable and what devices are in use.*
An SSU cable provides access to the Internal Memory as well as a microSD (if present).
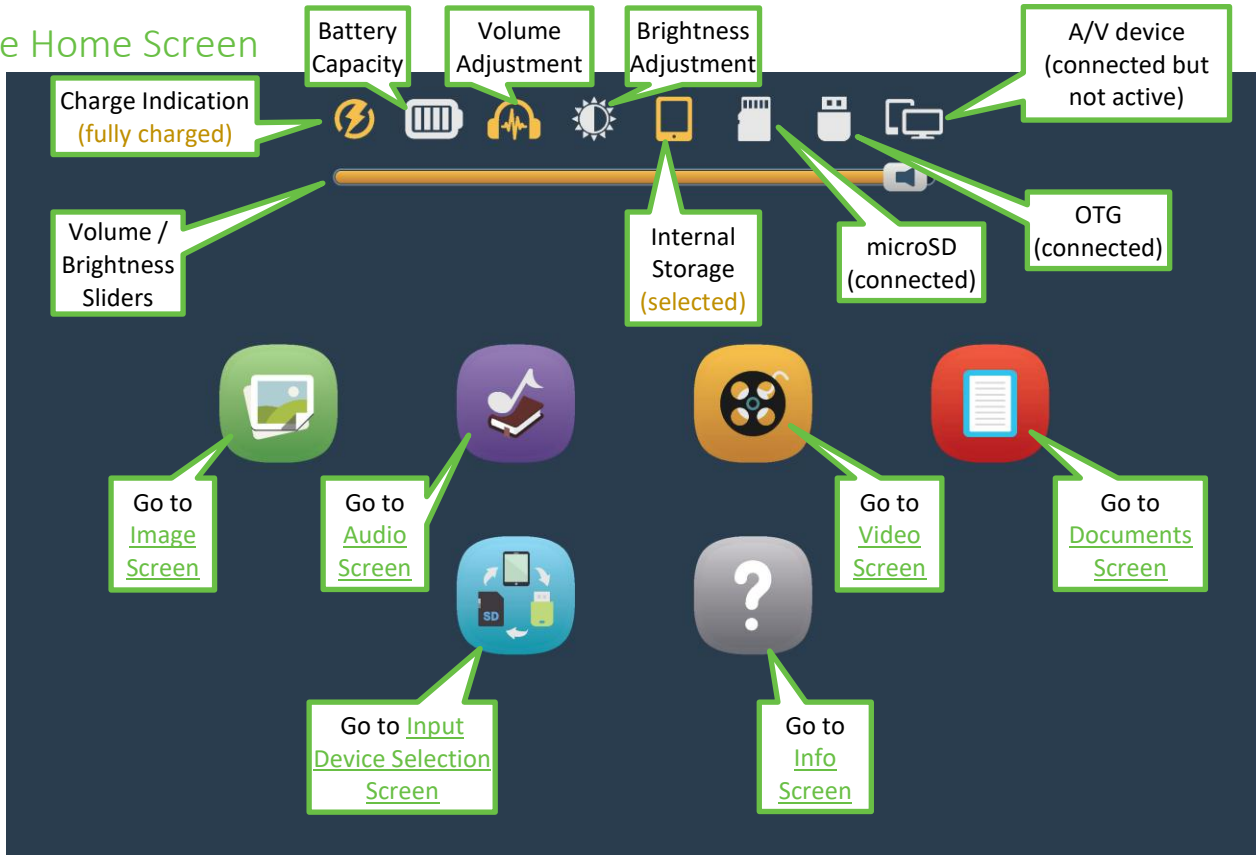*A Data-only cable provides access only to the microSD (if present).*
There is no direct access to an OTG connected to The Leaf. To write contents to an OTG device, it must be connected directly to a computer or USB hub.
Regardless of the cable type, charging also occurs while connected. See Charging Instructions for details.

[4]*For access to the External microSD, please make sure it is present in the microSD card reader and recognized by the tablet **before** connecting the USB cable.*

[5] ⚠️ *Faulty or low-quality OTG devices may cause Leaf to lock up when connecting them.*

The Home Screen

Battery Capacity

Volume Adjustment

Brightness Adjustment

A/V device (connected but not active)

Charge Indication (fully charged)

Volume / Brightness Sliders

Internal Storage (selected)

microSD (connected)

OTG (connected)

Go to Image Screen

Go to Audio Screen

Go to Video Screen

Go to Documents Screen

Go to Input Device Selection Screen

Go to Info Screen

Above: Leaf is connected for charging (completed), an external audio device is connected, A/V device is connected (but not active), the volume is being adjusted, external microSD and OTG are connected but Internal Storage is the selected input.
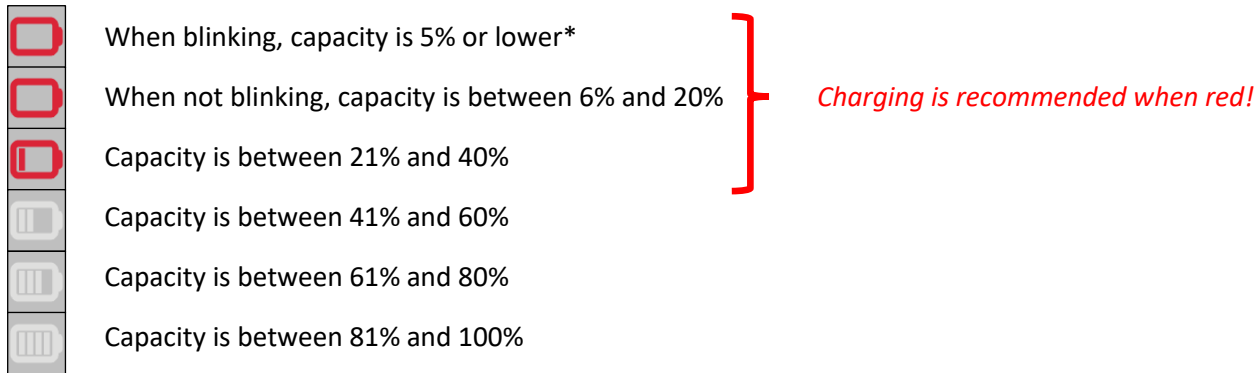
Charge indication

When the Type-C USB charging cable is connected to the charging port on the back of the player, the battery will charge, the charge indication icon will appear at the top of the screen and blink. The charge LED will also light up in red on the back of the device (but does not blink). Once fully charged the screen icon stops blinking and becomes highlighted. Once the battery is completely topped off, the LED will turn green. Both the icon and LED will persist until the cable is disconnected.

See Charging Instructions for more details.

Battery capacity

This icon always shows the current battery capacity according to the chart below:

  When blinking, capacity is 5% or lower*

  When not blinking, capacity is between 6% and 20%   *Charging is recommended when red!*

  Capacity is between 21% and 40%

  Capacity is between 41% and 60%

  Capacity is between 61% and 80%

  Capacity is between 81% and 100%

When the capacity drops below the minimum required for operation, Leaf will turn itself off.

Volume adjustment

When tapping the volume icon, the volume slider is displayed. The volume may be adjusted by dragging the icon on the slider either left (softer) or right (louder). As the volume is changed, the icon appearance will change as well. Sliding the indicator all the way to the left, or a double-tap on the icon, will mute the player. When muted these icons will be displayed: . Tapping anywhere else on the screen will hide the slider. Volume may be changed at any time, whether playback is active or not. [2][3]

Speakers and Audio Out

The Leaf contains two very powerful internal speakers for resounding output.
You may also connect any audio output device to the 3.5mm stereo audio jack on the side of the tablet. When a plug is inserted, the internal speakers will turn off, the volume icon will change to and audio will be output to the connected device. When removing the plug, the internal speakers will turn back on and the icon will change back to .

Brightness adjustment

When the brightness icon is tapped, the brightness slider will be displayed. The brightness can be adjusted by dragging the icon on the slider either left (darker) or right (brighter). Tapping anywhere else on the screen will hide the slider. Brightness may be changed at any time, whether playback is active or not. [1][2][3]

[1]*When connected to an A/V device, this adjusts only Leaf's screen since the device has its own control.*
[2]*Using moderate brightness and volume settings will preserve battery life.*
[3]*The volume and brightness sliders share the same area on the screen so only one may be accessed at a time.*

Internal Storage

Since internal storage is permanent, this icon will always show at the top of the screen. When internal storage is the current input source the icon is highlighted. Selection of this storage may only be done from the Input Device Selection Screen.

microSD Storage

Using microSD storage is optional and is done by inserting a card in the external microSD connector. The icon shows in the top controls if there is a microSD card present in the card reader; otherwise, the area is blank. When it is chosen as the current input device, it becomes highlighted. Selection of this storage may only be done from the Input Device Selection Screen. For limitations on microSD see Input Devices.

OTG Storage

Using OTG storage is optional and is done by inserting an OTG device in the external OTG connector. The icon shows in the top controls if there is an OTG device connected to the tablet; otherwise, the area is blank. When it is chosen as the current input device, it becomes highlighted. Selection of this storage may only be done from the Input Device Selection Screen. For limitations on OTG see Input Devices.

Audio/Visual

This icon only appears when an A/V device is connected. It changes to this icon when the device becomes active. See section Audio/Visual (A/V) for details.

Input Device Selection Screen

Tap on a button representing the available storage devices currently connected, then return to the Home Screen. If an external device is not connected, its corresponding button will be disabled.
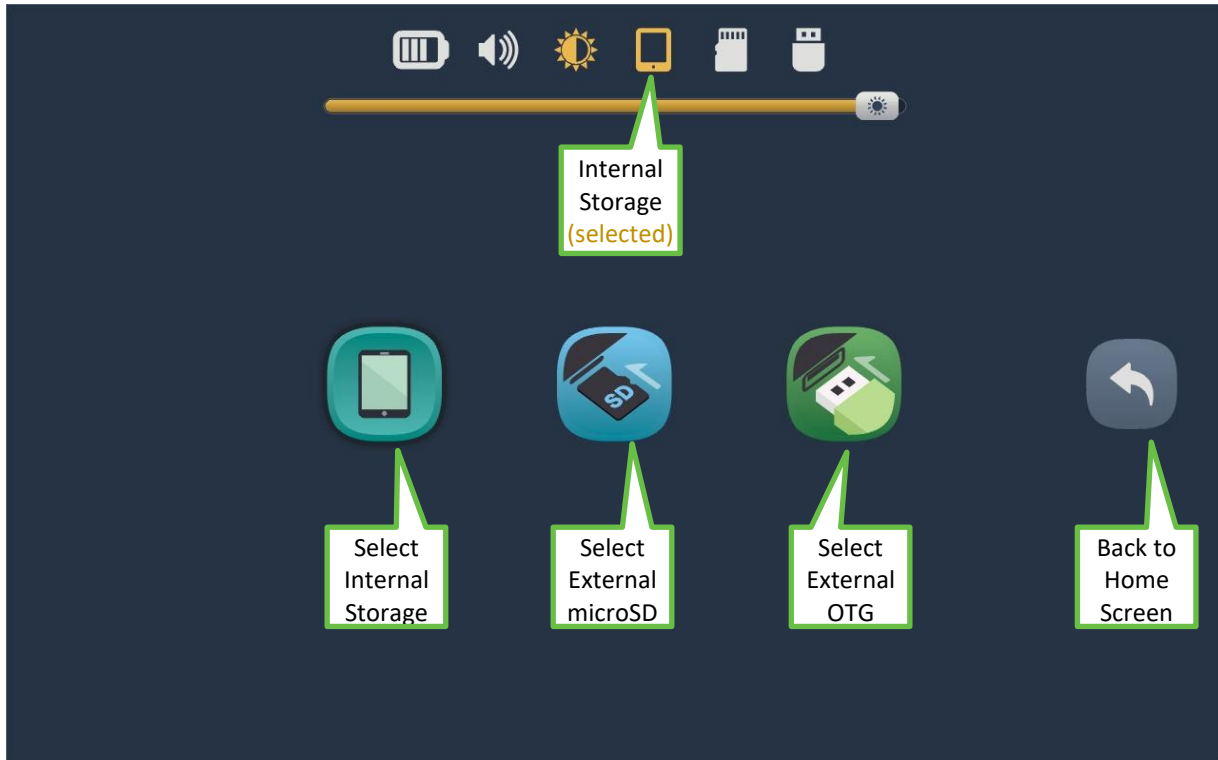
Media Browser Screens

The various media files and folders are all accessible by using any of 3 different browser screens. They are typical for all of the supported media types (Image, Audio, Video or Documents).

- Thumbnail   4 items per screen

- Medium   8 items per screen

- List   9 items per screen

If there are no valid files or folders in the root media folder, Leaf displays "The folder is empty".

Swipe or Drag up/down to navigate the rows of data in all Browsers.

From any of the 3 browsers, you can open the file of your choice to play or display it.

You may also "drill down" in sub-folders to explore their content and do the same.

To select a folder or file, tap on the icon (or its name) and it becomes highlighted. Once highlighted it is considered "selected". Tap once more to open it.

For Audio, Video or Documents, thumbnail images may be defined which will be displayed with the file name. They must be in "JPG" format.

You may do the same for Images, but in most cases that is not necessary because Leaf will attempt to automatically generate a thumbnail from the image itself. If you prefer to provide a specific thumbnail for an image file, it must be "JPG" with the extension changed to "MVI".

In the absence of thumbnails, default icons are provided per the media file type.

Thumbnail
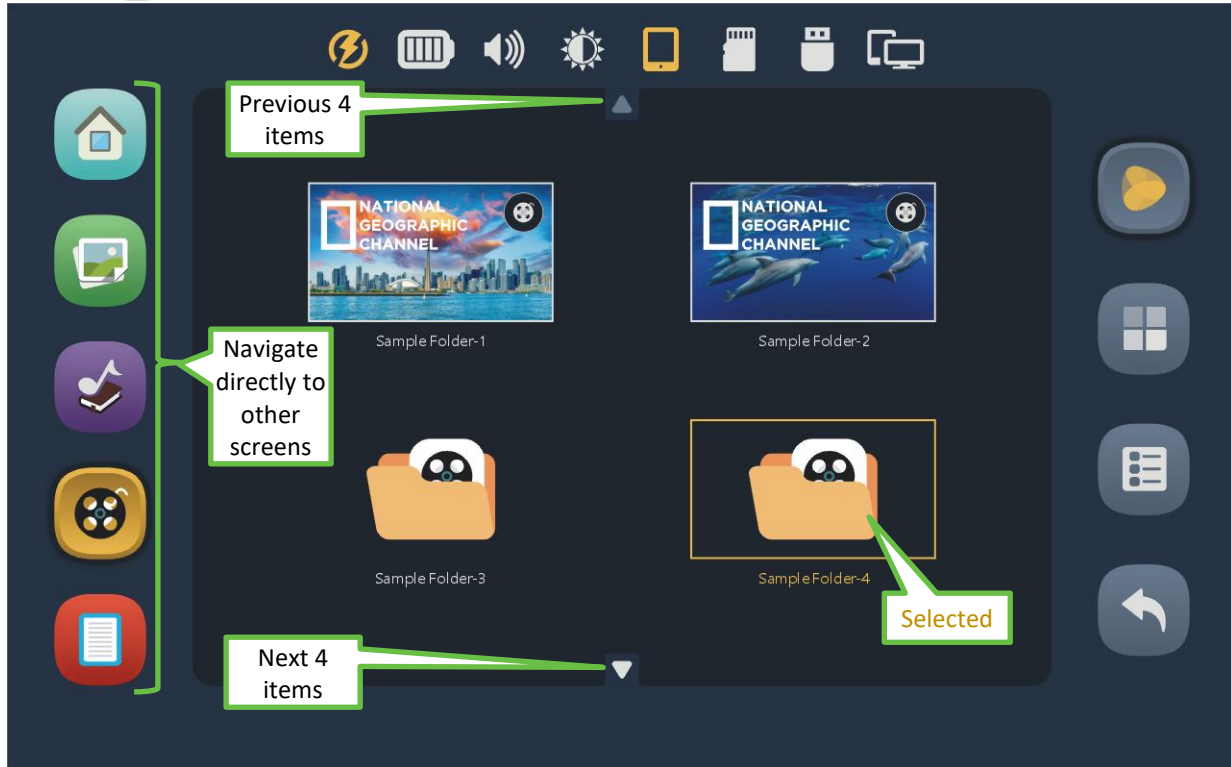
*Thumbnail view of **Video**. Display shows 4 sub-folders (but there are more), where the first two have thumbnails defined but the other 2 show the default video folder icon.*
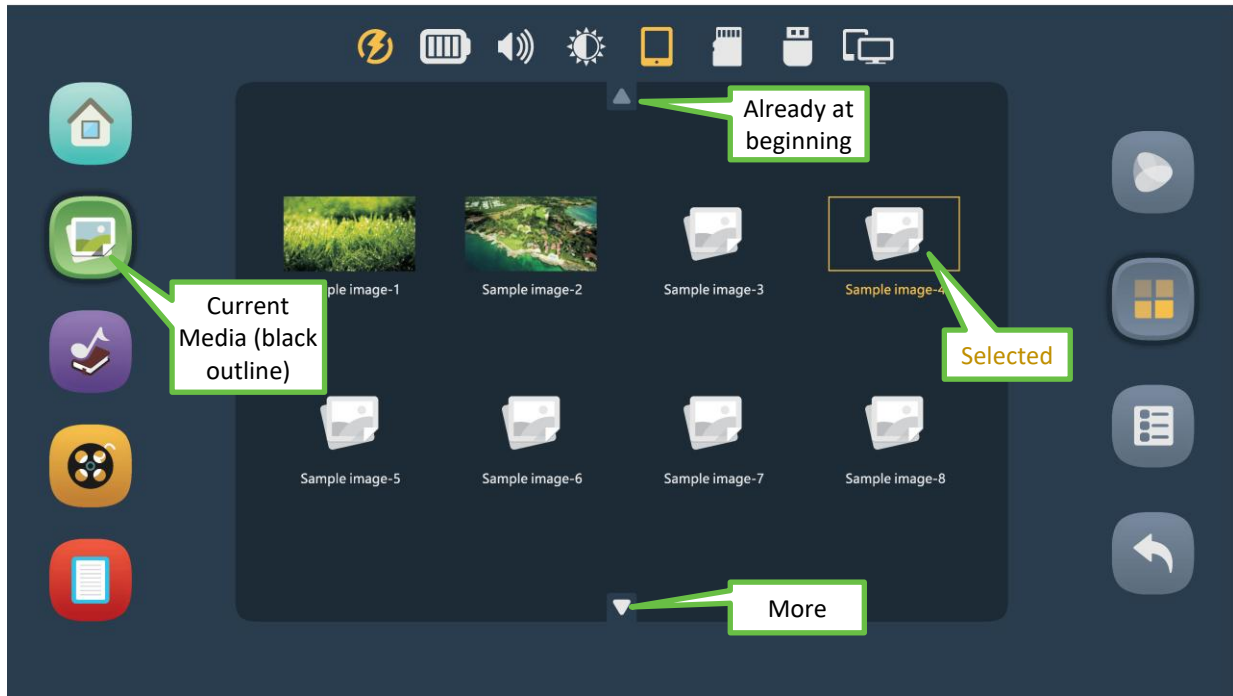
Medium

*Medium view of **Image**. Display shows 8 image files (but there are more), where Leaf was able to generate thumbnails for the first two but the others have the default image file icon.*
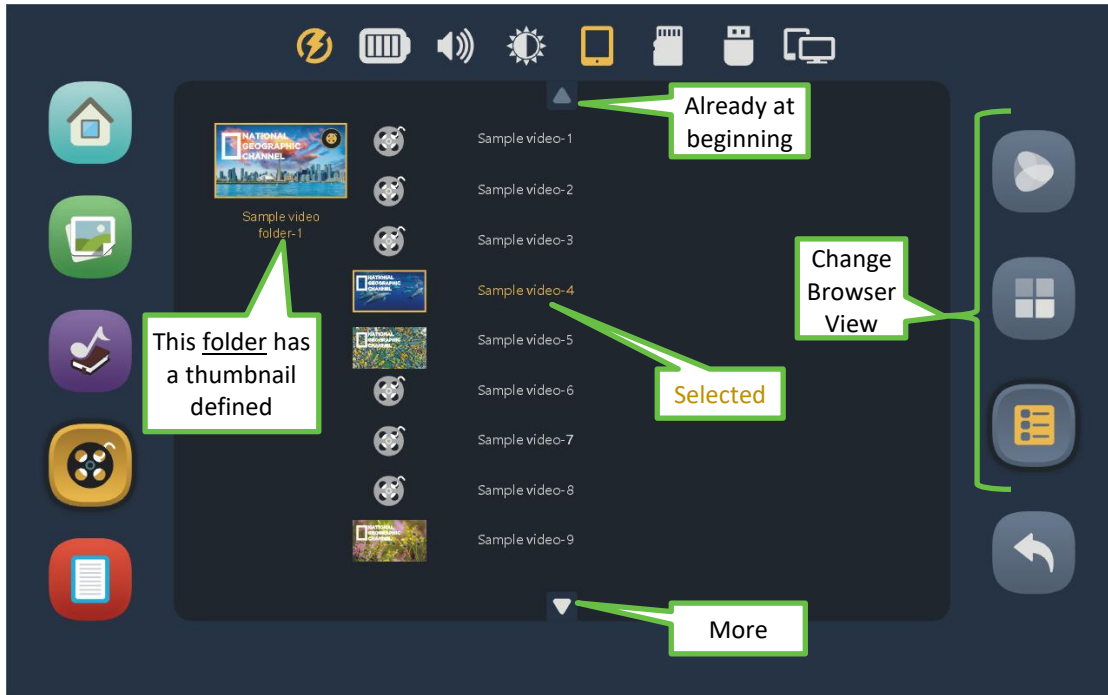
List

*List view of **Video**. Display shows 9 video files (but there are more) from a sub-folder, where 3 have thumbnails defined but the others show the default video file icon. The folder itself has a thumbnail defined.*

Image

Leaf supports *most* BMP, GIF, JPG and PNG image file types. All Image files are stored in the **Image** folder. This folder may contain single-file images or different folders containing other images.

**If there are no valid folders or files in the Image folder, Leaf displays "The folder is empty".*

Leaf will attempt to generate thumbnail images for each image file present. If thumbnail files are included for folders, they must be JPG files like other thumbnails but with the extension changed to MVI.

If Leaf cannot render an image file, in the Browser screens, it will display the standard image file icon instead of a generated thumbnail.

When files like these are chosen for display in the Image Viewer, the animated GIF to the right will be displayed instead because Leaf cannot open the image. You may skip to the previous or next file.
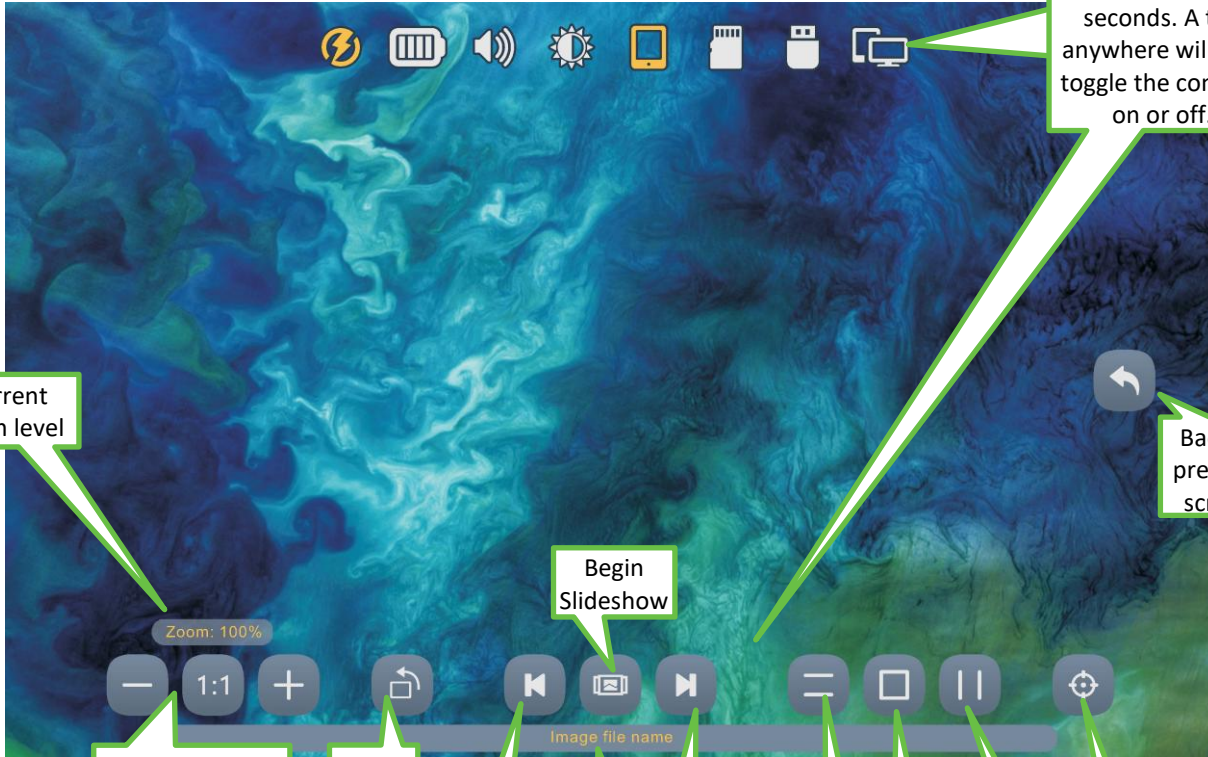
And if an undisplayable image file is encountered during the Slideshow, Leaf will sometimes display this animated GIF file while skipping to the next good image file.

*Whenever the previous/next row icons appear, you may also swipe up or down to adjust the display.
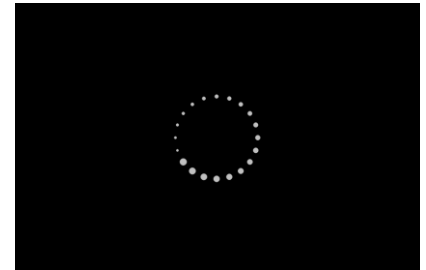
Image Viewer screen

Upper and lower controls will auto-hide after several seconds. A tap anywhere will also toggle the controls on or off.

Back to previous screen

Current zoom level

Zoom: 100%

Begin Slideshow

Image file name

Zoom controls: Out, Actual, In
-    1:1   +

Rotate Left

Previous File

Current File name

Next File

Fit Vertical

Fit to Screen

Fit to Sides

Center Image

Zoom Controls

The (-) button will zoom the image out, (1:1) will zoom to actual size and (+) will zoom the image in. Press and hold on (-) and (+) will repeat until the minimum/maximum is reached.

Rotate Left

Each "tap" will cause the image to rotate 90° to the left.

Previous Image

A "tap" will navigate to the *previous* image in the current folder.

Begin Slideshow

A "tap" will execute the Slideshow.

Next Image

A "tap" will navigate to the *next* image in the current folder.

Fit Vertical

Zoom the image, at its current orientation, to fit *vertically* in the screen.

Fit to Screen

Zoom the image, at its current orientation, so that the largest orientation fits either vertically or horizontally, respectively.

Fit to Sides

Zoom the image, at its current orientation, to fit *horizontally* in the screen.

Center

Center the current image, at the current orientation and displayed zoom.

Current File Name

Image file name

Will always show the full name of the currently viewed image file.

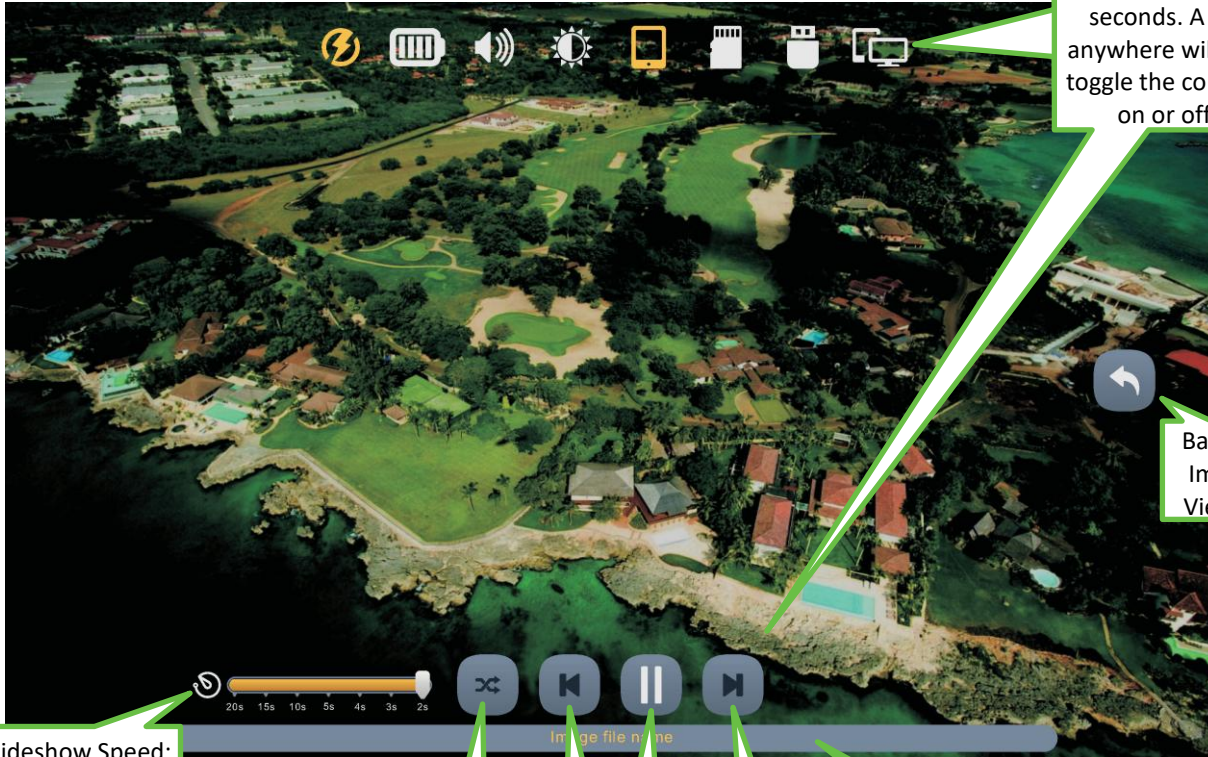## Supported Hand Gestures

Double-tap: toggle the image size from vertical full-page fit to horizontal-page fit.

Flick left/right: open the next/previous image file.

Flick up/down: display the next/previous image file.

Two-finger pinch/stretch: zoom out/in the current page according to how the fingers move.

Image Slideshow Screen

Upper and lower controls will auto-hide after several seconds. A tap anywhere will also toggle the controls on or off.

Back to Image Viewer

Slideshow Speed: From 2 to 20 second delay between images

20s 15s 10s 5s 4s 3s 2s

Image file name

Shuffle

Previous File

Play Pause

Next File

Image File Name

Slideshow Speed

The time between images may be adjusted from 2 seconds to 20 seconds. The change can be made at any time during the slideshow presentation. The setting will persist until changed or a default reset is executed.
The slideshow will loop through all the images in the current folder at the set delay.

Shuffle

This feature will randomly shuffle the display order of all the images in the current folder. Tap once to turn the feature on and a second time to turn it off. The setting will persist until changed or a default reset is executed.

Previous file

Tap once to display the *previous* file in the current folder. If the *first* file in the folder is current, the player will navigate to the *last* file in the folder. This feature will work during the Slideshow or when it is paused.

Play/Pause

While the Slideshow is active, the Pause icon is displayed. Tap on it to suspend the Slideshow. The icon will change to the Play icon. Tap again to resume. The icon will revert to the Pause icon.
When the Slideshow is paused, it will remain in that state until manually resumed but the screen will time-out and Leaf will eventually turn off.

Next file

Tap once to begin playback of the *next* file in the current folder. If the *last* file in the folder is current, the player will navigate to the *first* file in the folder. This feature will work during the Slideshow or when it is paused.

Supported Hand Gestures

Flick left/right: play the next/previous file. Drag: Slideshow Speed bar.

Audio

Leaf supports *most* AAC/M4A, APE, MP3, OGG and WAV file types. All Audio is stored in the **Audio** folder. The Audio folder may contain other folders, or single audio files. Each folder may contain individual audio files or even other sub-folders.

If there are no valid folders or files in the Audio folder, Leaf displays "The folder is empty".

Whenever the previous/next row icons appear, you may also swipe up or down to adjust the display.

Audio screen – Playback

Individual thumbnail image is displayed during playback if provided

Upper and lower controls will auto-hide after several seconds. A tap anywhere will also toggle the controls on or off.

SAXOPHONE SOLO

Playback position slider

Track name: Sample text
00:01/03:23

1 x

REPEAT ALL/ONE

SHUFFLE

Current folder and file, ID3 tags (if available), current location from beginning, total play time

Speed Control

Repeat all/one

Shuffle

Back 15 seconds

Previous file

Play/ Pause

Next file

Forward 15 seconds

Playback position slider

The slider icon always shows the current playback position relative to the current file. You may drag this icon in either direction to reposition playback.

Current file information

In this area, the folder and full name of the current file are displayed. If any of the ID3 tags Track name, Album or Artist are defined for the audio file, they will be rotated in the display as well. If any text is too long for the area, it will slowly scroll. On the next line, current playback position and total playtime of the file are shown in HH:MM:SS (hours:minutes:seconds) format.

Speed Control

This feature allows you to alter the speed of audio playback, from 0.6x to 2x. The default speed is normal (1x). The speed setting will persist until changed or the device is reset.

Tap on the icon and a menu (example at right) will open with the available playback speeds. Tap on your choice from the available options, the menu will close, the new speed is displayed and takes effect.
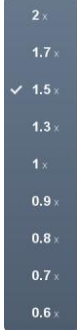
Repeat all/one

This feature facilitates repeating a single audio file or all the files in the current folder. Tap the icon once for "all" files. Tap the icon a second time for one file (the current file). To turn the option off, tap the icon a third time.

Shuffle

This feature will randomly shuffle all the files in the current folder. It is especially useful when listening to a folder containing musical content. Tap once to turn the feature on and a second time to turn it off. The setting will persist until changed or a default reset is executed.

Back 15 seconds

Tap once to reverse *approximately* 15 seconds in the current file. This feature will work during playback or while playback is paused.

Previous file

Tap once to begin playback of the *previous* file in the current folder. If the *first* file in the folder is current, the player will navigate to the *last* file in the folder. This feature will work during playback or while playback is paused. If Shuffle is turned on, the shuffled order is used.

Play/Pause

While playback is active, the Pause icon is displayed. Tap on it to pause playback. The icon will change to the Play icon. Tap again to resume playback. The icon will revert to the Pause icon. When Playback is paused, it will remain in that state until manually resumed.

Next file

Tap once to begin playback of the *next* file in the current folder. If the *last* file in the folder is current, the player will navigate to the *first* file in the folder. This feature will work during playback or while playback is paused. If Shuffle is turned on, the shuffled order is used.

Forward 15 seconds

Tap once to fast-forward *approximately* 15 seconds in the current file. This feature will work during playback or while playback is paused.

Supported Hand Gestures

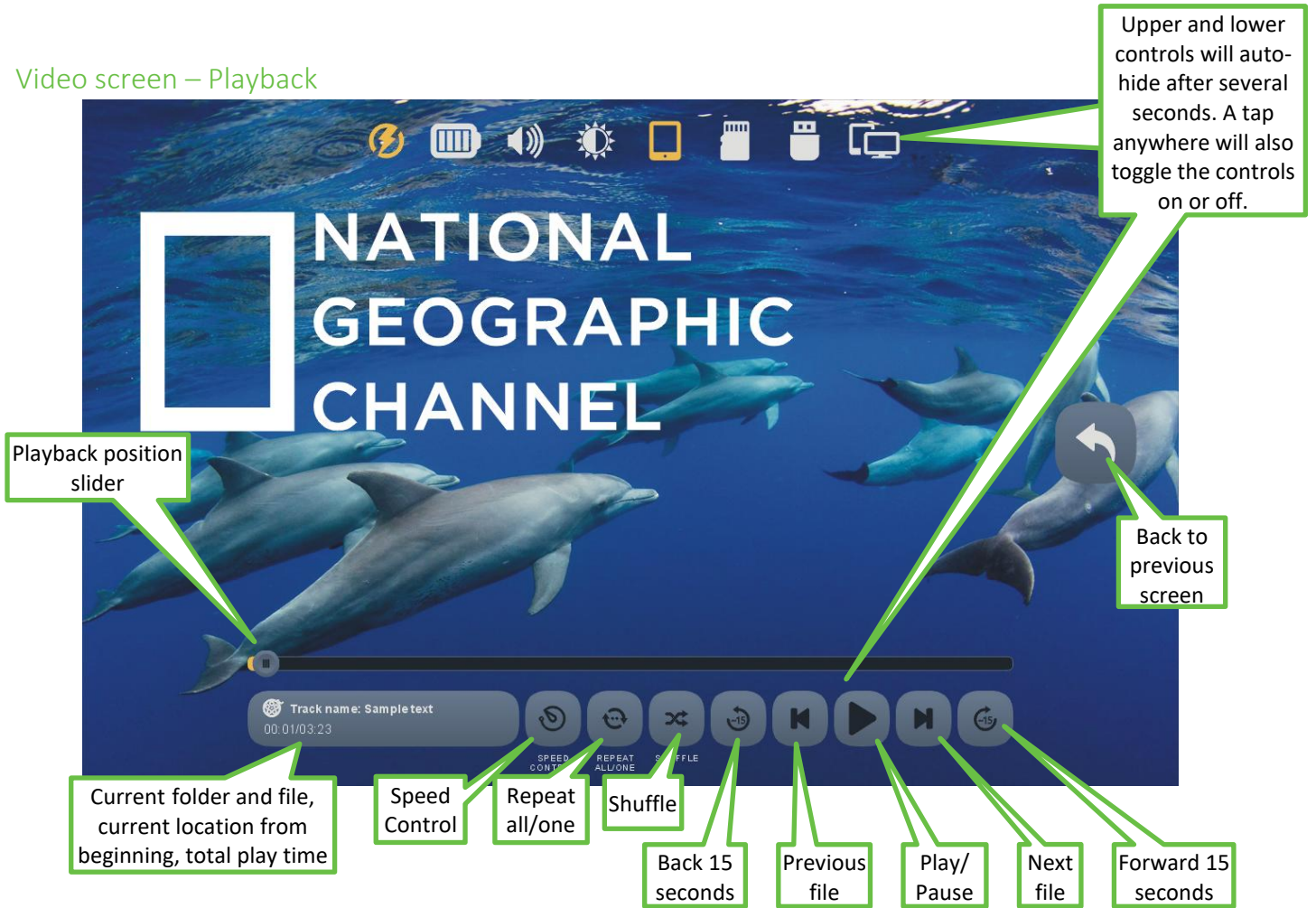Flick left/right: play the next/previous file. Drag: Playback slider.

Video

Leaf supports *most* AVI, FLV, MKV, MOV, MPG and MP4/M4V video file types. All Video is stored in the **Video** folder. This folder may contain individual video folders (movies comprised of sections or chapters) or single-file videos. If album art images for each folder and/or file are present, they will be rendered as thumbnails along with their names. If no associated images are provided, the standard icons are displayed instead.

If there are no valid folders or files in the Video folder, Leaf displays "The folder is empty".

Whenever the previous/next row icons appear, you may also swipe up or down to adjust the display.

Video screen – Playback

Upper and lower controls will auto-hide after several seconds. A tap anywhere will also toggle the controls on or off.

Playback position slider

Back to previous screen

Track name: Sample text
00:01/03:23

SPEED CONTROL

REPEAT ALL/ONE

SHUFFLE

Current folder and file, current location from beginning, total play time

Speed Control

Repeat all/one

Shuffle

Back 15 seconds

Previous file

Play/ Pause

Next file

Forward 15 seconds

Playback position slider

The slider icon always shows the current playback position relative to the current file. You may drag this icon in either direction to reposition playback.

Current file information

In this area, the folder and full name of the current file are displayed. If any of the ID3 tags Track name, Album or Artist are defined for the video file, they will be rotated in the display as well. If any text is too long for the area, it will slowly scroll. On the next line, current playback position and total playtime of the file are shown in HH:MM:SS (hours:minutes:seconds) format.

Speed Control

This feature allows you to alter the speed of video playback, from 0.6x to 2x. The default speed is normal (1x). The speed setting will persist until changed or the device is reset.

Tap on the icon and a menu (example at right) will open with the available playback speeds. Tap on your choice from the available options, the menu will close, the new speed is displayed and takes effect.
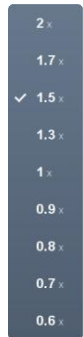
Repeat all/one

This feature facilitates repeating a single video file or all the files in the current folder. Tap the icon once for "all" files. Tap the icon a second time for one file (the current file). To turn the option off, tap the icon a third time.

Shuffle

This feature will randomly shuffle all the files in the current folder. It is especially useful when listening to a folder containing musical content. Tap once to turn the feature on and a second time to turn it off.

Back 15 seconds

Tap once to reverse *approximately* 15 seconds in the current file. This feature will work during playback or while playback is paused.

Previous file

Tap once to begin playback of the *previous* file in the current folder. If the *first* file in the folder is current, the player will navigate to the *last* file in the folder. This feature will work during playback or while playback is paused. If Shuffle is turned on, the shuffled order is used.

Play/Pause

While playback is active, the Pause icon is displayed. Tap on it to pause playback. The icon will change to the Play icon. Tap again to resume playback. The icon will revert to the Pause icon.
When Playback is paused, it will remain in that state until manually resumed.

Next file

Tap once to begin playback of the *next* file in the current folder. If the *last* file in the folder is current, the player will navigate to the *first* file in the folder. This feature will work during playback or while playback is paused. If Shuffle is turned on, the shuffled order is used.

Forward 15 seconds

Tap once to fast-forward *approximately* 15 seconds in the current file. This feature will work during playback or while playback is paused.

Supported Hand Gestures

Flick left/right: play the next/previous file. Drag: Playback slider.

Documents

Currently, Leaf supports *only* PDF document file types, but there are plans to add more file types in the future. All Documents are stored in the **Documents** folder. This folder may contain individual document folders, each containing files or individual documents. If album art images for each folder and/or file are present, they will be rendered as thumbnails along with their names in the Browsers. If no associated images are provided, the standard icons are displayed instead.

*If there are no valid folders or files in the Documents folder, Leaf displays "The folder is empty".

*Whenever the previous/next row icons appear, you may also swipe up or down to adjust the display.

Documents screen – Viewer

Upper and lower controls will auto-hide after several seconds. A tap anywhere will also toggle the controls on or off.

Bookmarks Indicator

Back to previous screen

Fit Vertical

Fit to Screen

Fit to Sides

Using SGSCopy to Program Solar Grove Players

Zoom: 100%

Page 000X / 000Y

Using SaberCopy to program MegaVoice player - 20240722-10.pdf

Current File Name

Zoom controls: Out, actual, In
-   1:1   +

Rotate Left

First Page

Prev Page

Next Page

Last Page

Rotate Right

Bookmarks Indicator ▶

This icon appears on the far left of the screen whenever the open PDF includes Bookmarks. A "tap" will open and close the Bookmarks panel. When the panel is open, the same icon will appear to the left of any Bookmark that has additional subordinate Bookmarks. A "tap" will expand them as well.

Zoom Controls ⊖ 1:1 ⊕

The (-) button will zoom the page out, (1:1) will zoom to actual size and (+) will zoom the page in.

Rotate Left ⟲

Each "tap" will cause the page to rotate 90º to the left.

First Page ⏮

A "tap" will navigate to the *first* page in the document.

Previous Page ◀

A "tap" will navigate to the *previous* page in the document.

Next Page ▶

A "tap" will navigate to the *next* page in the document.

Last Page ⏭

A "tap" will navigate to the *last* page in the document.

Rotate Right ⟳

Each "tap" will cause the page to rotate 90º to the right.

Fit Vertical

Zoom the document, at its current orientation, to fit *vertically* in the screen.

Fit to Screen

Zoom the document, at its current orientation, so that the largest orientation fits either vertically or horizontally, respectively.

Fit to Sides

Zoom the document, at its current orientation, to fit *horizontally* in the screen.

Current File Name   PDF file name

Will always show the full name of the currently viewed document.

Page x/y   Page 000X / 000Y

Will always show the current page (x) within total number of pages (y).

Supported Hand Gestures

Double-tap: toggle the document size from vertical full-page fit to horizontal-page fit.

Flick left/right: open the next/previous document.

Flick up/down: display the next/previous page.

Two-finger pinch/stretch: zoom out/in the current page according to how the fingers move.

Documents screen –Bookmarks panel

Open secondary level Bookmarks ▶

This icon is displayed when there are additional level bookmarks for the one tagged. Tapping this icon will expand the current Bookmark. Any number of Bookmark levels are supported.

Close Bookmarks Panel ◀

Tapping this icon will close the Bookmarks Panel and center the document display.

Panel Behavior

- A tap on any bookmark will position the document to that location. Leaf remembers the last page viewed for each file when it is re-opened.
- As the list of Bookmarks grows when opening additional levels, the window expands vertically to accommodate them.
- You may drag the content up and down to see the complete list. Scrolling stops at the first/last one.
- Extra-long Bookmark text does not wrap but appears truncated on the right. But the Bookmarks panel is also scrollable left/right. You may drag the panel left or right to read the complete text. The physical width of the panel is determined by the longest Bookmark text in the document.
- If the Bookmarks panel is open and you navigate to the previous/next file in the current folder, and that file also has Bookmarks, the panel will remain open and be re-populated with the Bookmarks from the new file.
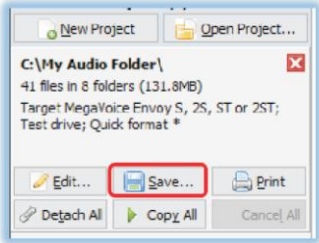
Documents screen –Viewer

*Note: If you notice a slight difference in overall message size as reported for the folder on the hard drive vs. on the player, it is due to the difference in the way file storage is calculated between the two devices – hard drive (NTFS) vs player (FAT32).

10. In the vast majority of cases, the process described above is always successful. If for some reason the load was not successful (the player line turns red) try the following:

   a. Review all the settings on the different screens. If something looks amiss, please make the change and try again.

   b. If the completion message was "Unmatched", review section 10: File verification.

   c. If you are still not sure what the problem is, click here to contact Solar Grove for assistance.

11. If the load was successful, but the player beeps and turns off, or enters Pause Mode instead of playing, or does not work or navigate correctly, please review the rules on the "Target device" tab as well as the "Detail File List" tab for any folders or files tagged in red.

   You could also open the user manual/guide (using the link in the rules) and review the folder structure and file rules and/or troubleshooting sections.

12. **Before you close SGSCopy!!!** If you need to repeat the above steps at a later date to load other players, using the same configuration, you can save the project for easy re-use. SGSCopy will "remember" all the settings in the project file.

   Simply click on the "Save" button in the project window. Give the file a recognizable name (but leave the file type as ".sgscopy") and click "Save" again. Because the template projects are stored in a system folder, you must save your copy to a different folder on your computer ("My Documents" is typically used for this). To open the project later, click on the "Open Project" button, navigate to the folder and select it.

An internal hyperlink: if tapped, it will navigate directly to that page and position on the page.

An external hyperlink to a website: The Leaf will ignore this type of hyperlink if tapped.

A document is zoomed in showing the actual width of the page and the Bookmarks panel is closed. This provides maximum readability of the document.

Information Screen

Presented on this screen is basic information about The Leaf.

Go to Home Screen

Go to Image Screen

Go to Audio Screen

Go to Video Screen

Go to Docu-ments Screen

System Info

Model Number: C01

Model number

Firmware Revision: C01-T1-20230402

Firmware revision

Storage: MicroSD

External microSD is the selected input storage with these specifics:

Storage Size: 7.49GB

Available Storage Size: 4.10GB

File System: FAT32

Allocation Unit Size: 32.0KB

Volume Label: SDMMC-DISK

Security Options in effect: Internal: SLS Only; Encrypted & Non-Encrypted

External: SLS & Non-SLS; Encrypted only

Back to previous screen

Device Options

Regulatory info

Sleep mode

Restart

Power off

Device Options

Tap this icon to go to a secondary screen for Device Test, Device Options and Interactive Firmware Update.

Regulatory info

Tap this icon to display all regulatory and certification information applicable to the Leaf.

Sleep mode

Tap this icon to put the player in Sleep mode. This is the same as a click on the power button to turn the screen off. The player is still "on", just without screen display. A click on the power button, *or* a tap on the screen, will also turn the screen back on.
*This feature is disabled in A/V mode.*

Restart

Tap this icon to restart (reboot) the player. A dialog will be displayed with a slider to confirm restart. Moving the slider all the way to the right will execute the restart procedure.

Power off

Tap this icon to turn the player off. A dialog will be displayed with a slider to confirm shutdown. Dragging the slider all the way to the right will execute the power-off procedure. Pressing and holding the power button for 2 seconds will also display the power-off dialog.
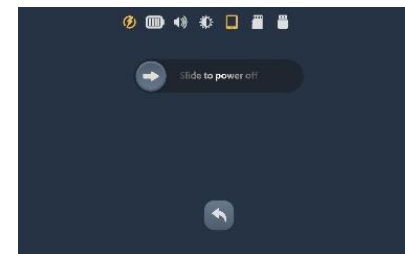
Technical

Charging Instructions

The Leaf is powered by an internal Lithium-Ion battery. With proper care, the battery should perform well for several years. When shipped, the battery is only partially charged. Before use, it is recommended to fully charge the Leaf.

Using the "Type-C to Type-A USB" cable (shown at right) that came with the Leaf, you can easily charge the tablet using one of the methods below:

For fastest charge connect a "USB-C" **charger** [2] (regulated **5V2A DC**, minimum **300mA**) to the Type-C USB port on the back of the tablet until the charging icon stops blinking.[1] A **Power bank** or **solar panel** [3] may also be used. (*The small LED will also turn green*)

Connect the tablet from any standard computer USB port to the Type-C USB port on the back of the Leaf until the charging icon stops blinking. [1] (*The small LED will also turn green*)

If the tablet is on, a charging icon will appear at the top left of the screen. While charging, this icon will blink. When the battery is fully charged, the icon will stop blinking but becomes highlighted and remains displayed as long as the USB cable is connected.

[1]*Actual charge time will vary according to the current battery capacity and charging source.*
[2]*A USB wall charger with 5V 2A output is by far the recommended charging method.*
[3]*A solar panel is the least stable/reliable among wall charger, power bank or solar panel.*
[4]*While connected to a charging source, the small LED will remain lit (whether Leaf is on or off).*

Bookmarking

Bookmarks are automatically stored in memory and will persist while Leaf is on. But when an input storage device is formatted with FAT or FAT32 file systems, Leaf can also save those bookmarks to the storage media.

The following bookmarks will persist on the input device until intentionally changed:

- Last folder accessed
- Last sub-folder accessed (if any)
- Last file accessed within a folder
- Last playback position (Audio/Video) or page (Document) within each file previously accessed

To ensure that bookmarks are properly saved, return to the Home Screen before removing external devices.

Supported File Types

Audio	AAC/M4A, APE, MP3, OGG and WAV
Video	AVI, FLV, MKV, MOV, MPG and MP4/M4V
Image	BMP, GIF, JPG and PNG
Documents	PDF

There may always be exceptions to the files listed above. Please feel free to contact us at solargrove.solutions.com/support for assistance if needed.

Input Devices

Internal Storage

Internal storage size is determined per order at the time of assembly.

For **read and write** access, Leaf supports the following file system formats:

- FAT32
- NTFS[2]
- exFAT[2]

microSD card[1]

The following card **types** are supported in up to 128GB capacity:

- microSD
- SDHC
- SDXC

For **read and write** access, Leaf supports the following file system formats:

- FAT32
- NTFS[2]
- exFAT[2]

OTG[1]

Most common OTG devices with a USB Type-A connector are supported in up to 128GB capacity:

For **read and write** access only, Leaf supports the following file system formats:

- FAT32
- NTFS[2]
- exFAT[2]

[1] ⚠ *Leaf may not recognize devices formatted with unusual File System/cluster size combinations.*

[2] ⚠ *If you wish to load files that are greater than 4GB in size, NTFS or exFAT <u>must</u> be used.*

When using NTFS, max cluster size should be 32K.

Folder Structure

The folder structure for The Leaf is quite flexible and is the same for all Input Devices. Folders in the root must have the mandatory names of **Audio**, **Video, Image** and **Documents** (text case is not important). Each of the main folders may contain valid files of that type and/or other folders containing files of that type. Naming for other sub-folders and files within the folders is free text[1] but must sort in the order they should display or play.

[1]*Leaf supports file names in Arabic, Chinese, French, German, Hebrew, Italian, Japanese, Persian, Russian, Spanish, Turkish or Vietnamese text. Files named using any other language may need to be renamed to display correctly or at all.*
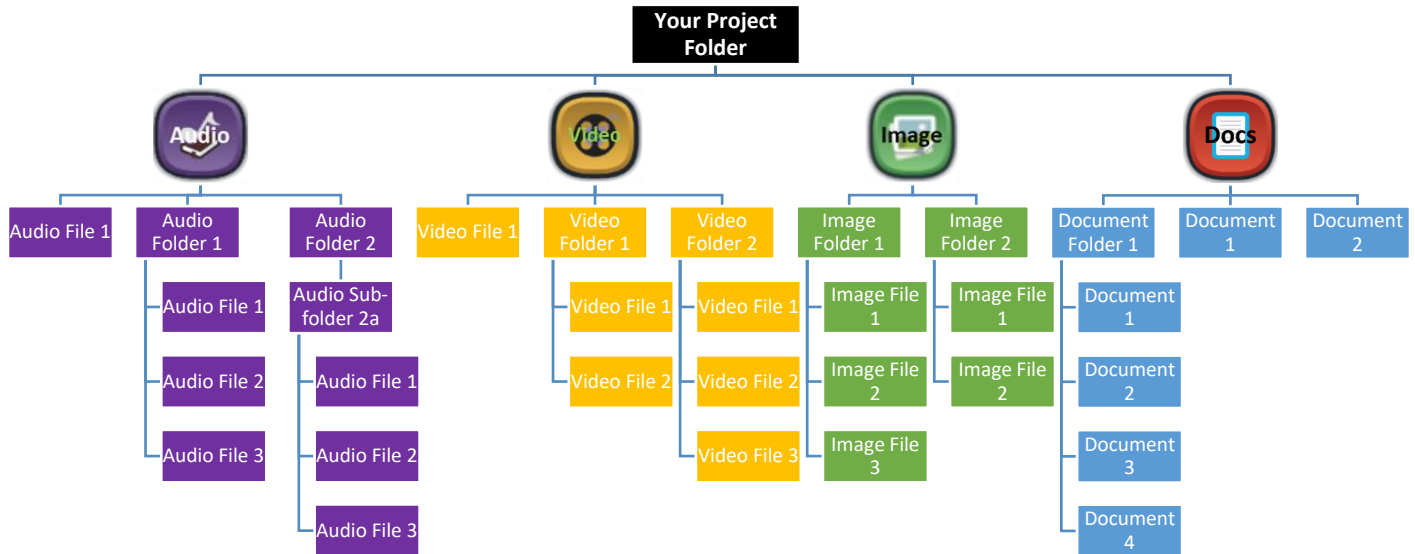
Problems with The Leaf?

If the tablet will not turn on, or will not operate properly, please try the following:

1. Please make sure the battery is charged per Charging Instructions. After charging, try to turn the player on. If the battery will not charge it must be replaced by a qualified technician.
2. Make sure that the proper input device is connected, selected and recognized by the tablet. Make sure it has been properly formatted and prepared with media files using the recommended structure and naming. See Input Device Selection Screen and Input Devices for more details.
3. If the tablet is not responsive, insert a paper clip into the hardware reset hole on the back of the player next to the power button. Gently press on the internal switch, which disconnects and reconnects the battery and restarts the tablet.
4. If the above did not help, please contact us at solargrove.solutions.com/support for assistance.

Warnings ⚠️

- Care must be taken to set the volume at the lowest level that can be heard comfortably. Prolonged exposure to loud sound can cause gradual hearing loss.
- DO NOT expose the player or battery to fire, extreme heat or intense direct sunlight.
- Stop using the player if you observe abnormal heat, odor, discoloration, leakage or deformation. Refer to a qualified technician for service.
- The Leaf's battery should only be removed by a qualified technician. If removed, handle it with care. Keep the exposed battery out of reach of children. DO NOT burn, puncture, disassemble, or modify the battery.
- If the battery leaks, dispose of it carefully in accordance with all local laws. Wash any skin or clothing exposed to battery liquid and avoid swallowing or contact with eyes. In the case of swallowing or contact with eyes, seek medical care immediately.

Certifications

IS 13252(Part 1): 2010/
IEC 60950-1: 2005

CE   FC   C01/CO2   R-41223654
www.bis.gov.in   UK CA   RoHS

This device complies with part 15 of the FCC Rules.
Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and
(2) This device must accept any interference received,
Including interference that may cause undesired operation.

Changes or modifications not expressly approved by
the manufacturer could void your authority to operate this device.