

LIFELIGHT



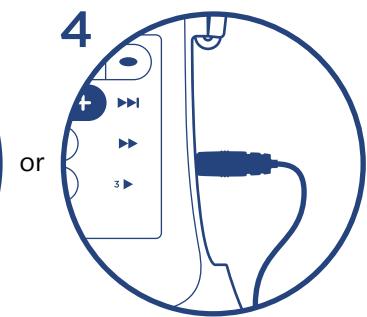
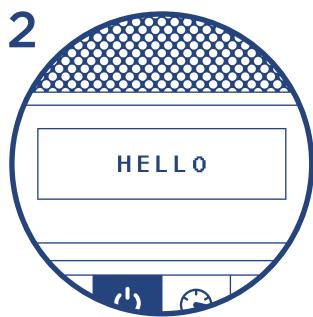
SOLAR AUDIO DEVICE USER MANUAL

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EASY START

Press and hold  until the device chimes and the LCD screen turns on. The last selected mode (Playback or Radio) will automatically begin.



or

TURNING LIFELIGHT ON/OFF

Press on  for 2 seconds to turn the device on (the LCD screen will turn on and the device will chime). A welcome screen will display and audio playback or radio will begin.



Press  again for 2 seconds to turn the device off.

The device will chime again, the shutdown screen will display and the LCD screen will turn off.



¹*The device will remember its last mode & playback position/band & frequency when turned off.*

THE LCD SCREEN

LifeLight is unique and provides complete information and control via the LCD screen with an interactive menu system.

The screen has a backlight, which is activated when the device is turned on, turned off, or when any button is clicked. The backlight turns off automatically after 30 seconds of keypad inactivity.

The information on the screen is always current as modes, content and settings change.

For more detail, see [illustrations of various screens](#) throughout this manual.

VOLUME

Click  or  to decrease or increase volume by one level.

¹*The first click will display the volume adjustment screen which times out after 1 second.*



Press and hold will continue to decrease/increase until the minimum (00)³ or maximum (10) is reached. When the setting reaches minimum or maximum a chime is played.

The volume will remain set at this level even after the device is turned off and restarted.

²*Separate volume levels are maintained for audio playback and radio.*

³*00 is muted. When muted one of these icons will be displayed:  *

SELECTING PLAYBACK CHANNELS

The device supports up to 3 Channels for onboard memory and up to 2 Channels for microSD.

For both memory sources, there should be at least one of Channels 001¹ and 002¹ containing audio content.

When in playback mode, a 2-second press on  will navigate to the last playback position of the *other* Channel (if present).

Channel 000¹ (optional/onboard only) is typically reserved for a device introduction and/or audible user manual. If a Channel 000¹ is present, playback will always begin from it when the device is first turned on (or after the device is reset).

When in playback from onboard or microSD memory, a 2-second press on  and  together will navigate to the last playback position in Channel 000¹ (if present) of onboard memory.

From Radio Mode, a 2-second press on  will resume playback at the prior position in onboard memory.

¹*The Channel names of 000, 001 and 002 are mandatory and required for correct operation. SaberCopy will help manage this. (See [LOADING AUDIO FILES](#))*

NAVIGATING DURING PLAYBACK

Each Channel is subdivided into one or more Sections, containing one or more Books, containing one or more Chapters.

Click  to skip to the next Section within the current Channel. When the last Section is reached, navigation returns to the first Section.

Click  or  to skip backward or forward one Book. A 2-second press will skip 5 Books at a time. Press and hold will continue until the button is released or the beginning/end of the Section is reached.

Click  or  to skip backward or forward one Chapter (file). A 2-second press will skip 5 Chapters at a time. Press and hold will continue until the button is released or the beginning/end of the Book is reached.

Click  or  to jump backward or forward 20 seconds¹ in the current file. Press and hold³ will perform a fast rewind/fast forward (in 10-second increments¹) until the button is released or the beginning/end of the file is reached.

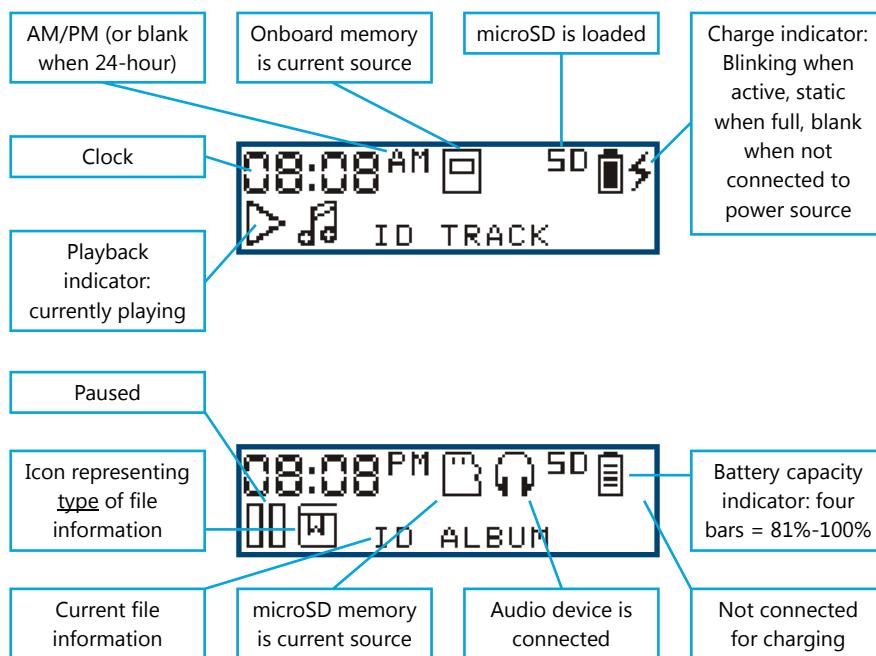
To quickly return to the beginning of a Channel, while in Pause Mode press  for 2 seconds.

¹*Actual time may vary.*

²*While in audio playback mode, the Playback screen is displayed.*

³*During “press and hold”, a scale will be displayed on the bottom line of the screen showing the current playback position within the total play time of the current file. See [FAST REVERSE/FAST FORWARD](#) for more details.*

PLAYBACK SCREEN



FILE PLAYBACK INFORMATION

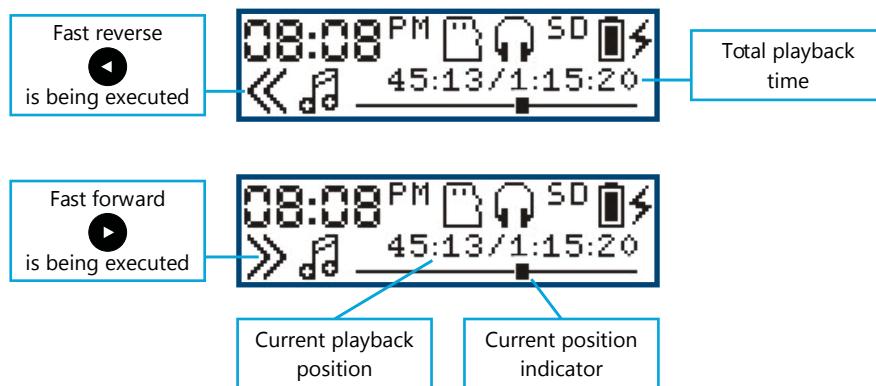
Available audio file metadata tags are displayed for each file in the following way:

- Track info:  + ID3 Track Name
 - If Track Name is blank or missing,  + Filename.extension
- Album Info:  + ID3 Album Name
 - If ID3 Album Name is blank or missing, the field is skipped
- Artist info:  + ID3 Artist Name
 - If ID3 Artist Name is blank or missing, the field is skipped
- If ID3 metadata is completely missing
 - The device will display only  + Filename.extension
- If any tag text¹ is longer than the screen area², it scrolls from right to left
 - The field will show for 3 seconds before scrolling begins
 - Once scrolling has finished the next field is displayed

¹Any tag text longer than 44 characters will be truncated.

²Typically enough for 13 characters.

FAST REVERSE/FAST FORWARD



During playback, a continuous press on or will fast reverse/fast forward through the current file.

The device will overlay the bottom row of the screen with the current and total playback times in HH:MM:SS format. The current playback position relative to the total is illustrated by a bar on the scale. As the scan occurs the playback position is updated accordingly. Once you release the or buttons, the scale will linger for a few seconds but is then hidden when the file information is redisplayed.

PAUSING/BOOKMARKING

While in audio playback mode, click to pause playback. The icon is displayed.

To resume, click again. The icon is displayed.

For both onboard and microSD memory, the device automatically bookmarks the last file played and the position within that file when the mode is changed or the device is turned off.

¹The Pause function is only available during audio playback.

²If the device is left paused for more than 15 minutes it will turn itself off.

LOADING AUDIO FILES

The recommended method for loading audio to LifeLight is with a Windows application named SaberCopy. SaberCopy is provided free from our web site here:

<https://megavoice.com/sabercopy/>

Please download the installation file along with the user guide for reference. The installation is a typical Windows installation and takes about 10 seconds.

Once installed, please review the section "Quick Start!" in the User Guide.

Using the template project, all you really need to do is to specify the audio folder you wish to load on the "Files in Project" tab. SaberCopy will check your audio against folder and file rules for LifeLight on the "Target Device" tab.

To access the onboard memory of the LifeLight and update the contents, a special SLS-V2-A USB cable must be used, only available from MegaVoice.

For assistance, please contact us at: <https://megavoice.com/technical-support>

SUPPORTED AUDIO FILES

File Type	Limitations	Unsupported
APE	Bit rate: Fast/Normal compression (800Kbps-1000Kbps) Sampling rate: 8KHz-48KHz Bit depth: 16bit	"Insane" (ultra-high) compression setting
FLAC	Bit rate: L0 - L8 (1000Kbps-1200Kbps) Sampling rate: 8KHz-48KHz Bit depth: 16bit	
MP3 ¹	Bit rate: 8kbps - 320kbps Sampling rate: 8KHz-48KHz	
OGG	Bit rate: Q0 - Q10 (20kbps-499kbps) Sampling rate: 8KHz-48KHz	
	IMA-ADPCM Bit rate: 32kbps - 384kbps Sampling rate: 8KHz-48KHz Bit depth: 16bit	
WAV ¹	MS-ADPCM Bit rate: 32kbps - 384kbps Sampling rate: 8KHz-48KHz Bit depth: 16bit	
	PCM Bit rate: 128kbps - 1536kbps Sampling rate: 8KHz-48KHz Bit depth: 16bit	
WMA ¹	Bit rate: 5kbps - 384kbps Sampling rate: 8KHz-48KHz	WMA lossless or WMA PRO

¹Works with Speed Control.

RADIO

When in playback mode, a 2-second press on  will put the device in Radio Mode (chime will sound). The radio will begin to play from the last band used and the last frequency set.

If already in Radio Mode, a click on  will toggle between FM and AM. While in Radio Mode, a 2-second press on  will resume Playback Mode from the last position in onboard memory (device chimes again).

¹While in Radio mode the Radio screen is displayed.

Click  or  to decrease/increase the frequency by a pre-set value³ for the current band. A 2-second press will scan for the previous/next station of the current band. The frequency display will update as it changes.

When the scan reaches the beginning/end of the band's frequency range⁴ the device will chime. An additional click will loop and continue the scan from the beginning/end respectively.

To halt an active scan⁵, click on   or .

The   

²When the frequency is tuned to one of the programmable buttons (  

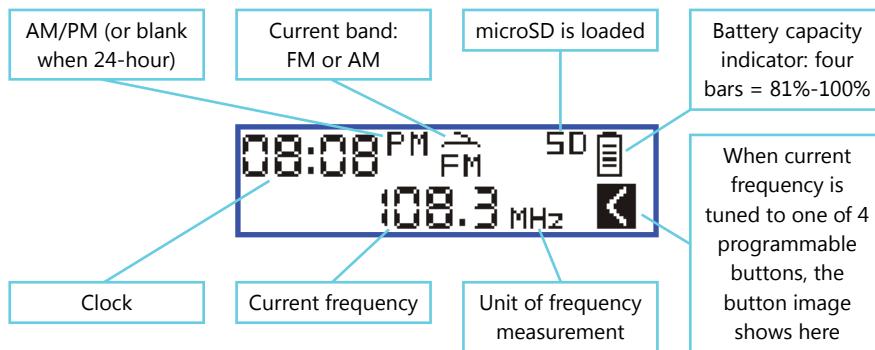
³See [Radio Band Spacing Screen](#) for details.

⁴FM: 64.0-108.0 MHz, AM: 520-1720 kHz

⁵While scanning is active, you cannot change mode.

⁶The radio is capable of playing in stereo **if** the station broadcasts in stereo!

RADIO SCREEN



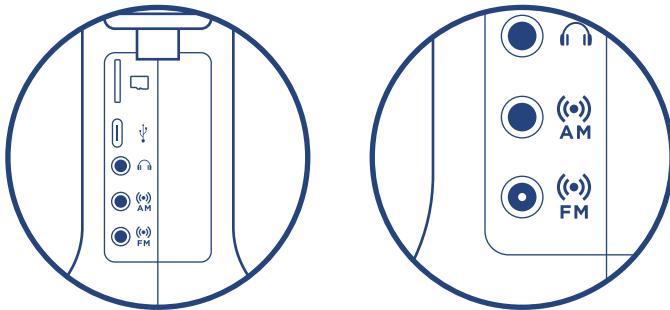
CONFIGURATION FILE

Default device and radio settings can be controlled by a configuration file stored in the root folder of the device. The SET.TXT file can be used to configure startup mode, default radio band, assign frequencies to the programmable buttons, and more.

MegaVoice offers a **free** application that makes it easy for you to create the file and configure the settings. You may download the tool here: [MV QuickConfig](#).

EXTERNAL JACKS

Just below the topmost audio jack, there are two 3.5mm antenna jacks, one for AM radio  and another for FM radio . Using the correct antenna, these jacks can be used to increase the reception of the AM/FM radio.



EARPHONES AND SPEAKER

Insert earphone or speaker plug into the 3.5mm stereo⁴ audio jack just below the USB-C port. When an audio device is connected, the internal speaker will turn off. When disconnected, the speaker will turn back on².

The volume levels operate as described under [VOLUME](#).

¹While an audio device is connected, the  icon is displayed on the screen.

²When an audio device is disconnected during audio playback the device enters Pause Mode.

³Some earphones with built-in controls may not work properly.

⁴Stereo output depends on the properties of the audio file being played. The radio can also play in stereo **if** the station broadcasts in stereo!

SPEED CONTROL

A click on  will sound a chime and place LifeLight in speed control mode, allowing you to adjust the audio playback speed.

¹While in speed control mode, the speed control adjustment screen is displayed.

A click on  or  will adjust playback speed by one level. Press and hold will decrease/increase until the minimum (-8) or maximum (+8) speed is reached.

Click  again to exit and save the setting. Pressing any other button will exit speed control mode *without* saving changes.

To reset the speed to normal (+0), enter speed control mode, then press  again for 2 seconds. The device will return to playback mode at normal speed.

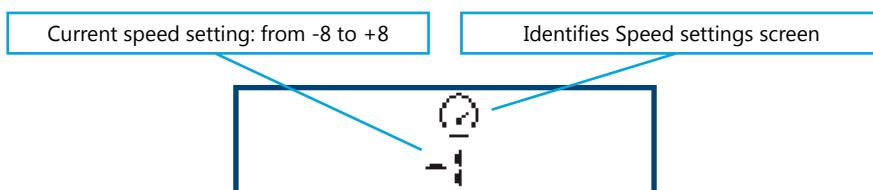
²The Speed setting persists when changing modes or after turning the device off.

³The Speed setting applies to both onboard and microSD playback.

⁴The Speed Control button is only active during audio playback and may be set while playback is active or paused.

⁵Speed Control may also be set via the Menu from the [Mode Reset Screen](#).

SPEED CONTROL SCREEN



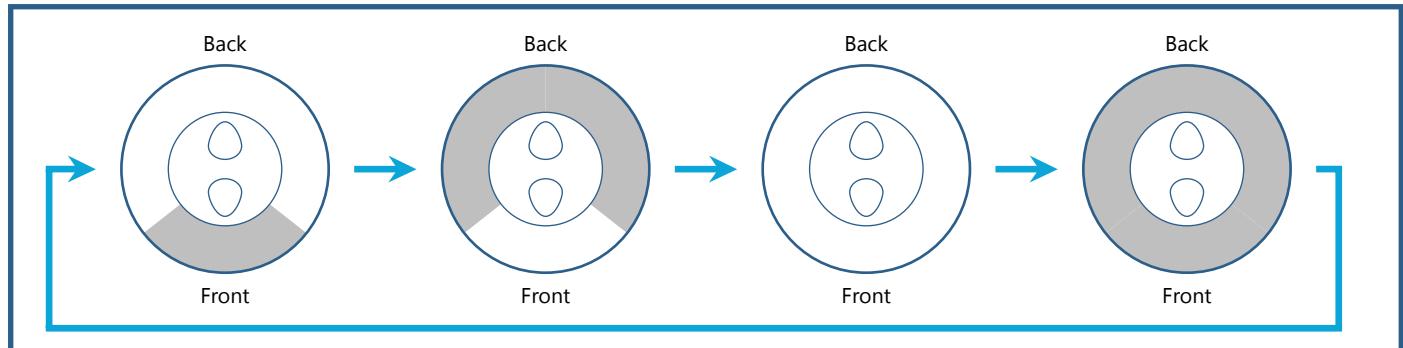
• This is the screen that is displayed when entering Speed Control Mode  from playback.

• The same screen is accessible from the Settings Menu by selecting the  icon.

¹Speed Control works only with MP3, WAV and WMA type audio files! (See [SUPPORTED AUDIO FILES](#))

LANTERN

A click on  will turn the Lantern on in low intensity according to the following loop¹:



Whether the Lantern is on or off, a 2-second press on  (left side of device) will cause both back and front sides to continuously blink in High intensity. An additional 2-second press will turn both Back and Front sides off.

¹*The loop will continue from the Lantern's current position in the loop (e.g., if the Lantern's back side is on, a click will turn the back side off and front side on).*

²*The Lantern may be used while other functions are active or device is off.*

³**IMPORTANT!** *The Lantern will remain on until manually turned off.*

When either or both sides of the Lantern are on, a click on  will change the Lantern's light intensity as follows:

Low > Medium > High

READING LIGHT

Use  (left side of device) to control the Reading Light. Each click will change the intensity as follows:

Ultra-Low > Low > Medium > High > OFF

When the Reading Light is on, a long press on  will turn the Reading Light off.

¹*The Reading Light may be used while other functions are active or device is off.*

²**IMPORTANT!** *The Reading Light will remain on until manually turned off.*

LED TORCH

Use  (left side of device) to control the LED Torch on the bottom of the device and its intensity. Each click will change the intensity as follows:

Low > Medium > High > OFF

Press and hold  to turn on the Torch in high intensity. The Torch will remain on until the button is released.

¹*The Torch may be used while other functions are active or device is off.*

²*The Torch is the only light that is controlled by a timer. After 15 minutes, it will automatically turn itself off.*

HANGING HOOK

You may suspend the device using its Hanging Hook to various objects such as ropes, coat hangers, etc.

The hook can rotate 360° and while the device is suspended, it may be used normally.

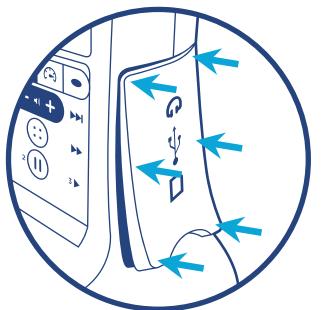
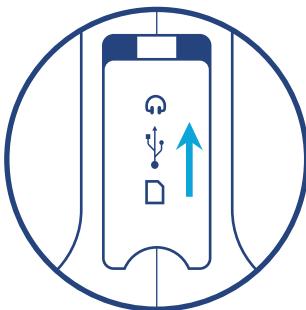
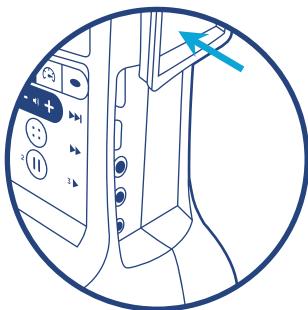
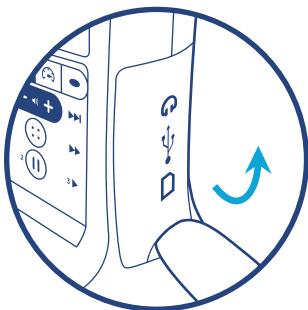


COVER FOR CONNECTORS

Open the silicone cover from the tab on the bottom to expose the device's connectors¹.

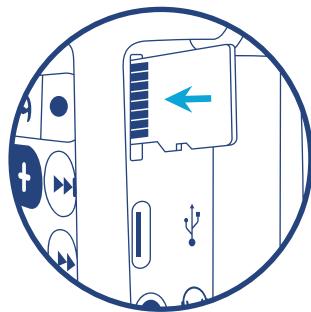
¹*In order to keep the connectors exposed, the cover must be held against the device.*

The connectors cover can be closed by returning it to its place and pressing it in.



USING A MICROSD CARD

The device can also play audio from a properly structured microSD card. With the keypad facing you, insert the card with the brass contacts showing until it locks in place.

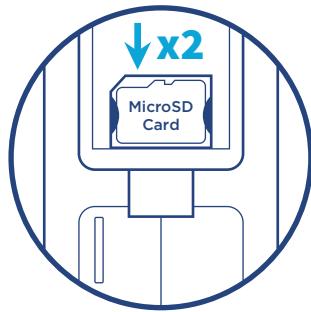


Once a card is loaded, the  icon appears on the screen. To change to microSD playback, click  to display the Main Menu. Navigate to the microSD symbol using  or  and click  again. Playback will now begin from the card.

To remove a card, gently push it in. The reader will unlock and push it out so you can remove it. If the device was in playback mode from the card when removed, the screen will display "No microSD" and enter Menu Mode. If any other function was active, it will continue with no change.

You can view, format and prepare a microSD card while loaded in the device's card reader when the device is connected to a computer using a USB-C cable. You may also do the same with the card loaded in a microSD adaptor connected to a computer.²

Up to 2 microSD cards can be stored on the underside of the silicone cover - please see the "[COVER FOR CONNECTORS](#)" section on how to open and close the cover.



¹Whenever a microSD card is inserted or removed a chime is played.

²The write speed of a card adaptor connected directly to a computer is significantly faster than the internal card reader.

CHARGING/COMMUNICATION MODES

When the device is **off** and a charge-only cable is connected:

- The device will enter charging mode and the charge screen is displayed. 

- When the cable is disconnected, charging stops and the device remains off.

When the device is **on** and a charge-only cable is connected:

- The current function will continue uninterrupted but the  icon is displayed.

- The icon will blink while charging and stop blinking once fully charged.

- When the cable is disconnected, the icon is hidden, charging will cease and the current function continues.

When the device is **off** and a data-only or *SLS-V2-A* cable is connected:

- The computer connection screen is displayed. 

- Access to the onboard memory and/or microSD is possible.

- When the cable is disconnected, the device remains off.

When the device is **on** and a data-only or *SLS-V2-A* cable is connected:

- The current function will continue uninterrupted but the charge icon  is displayed.

- The icon will blink while charging and stop blinking once fully charged.

- When the cable is disconnected, the icon is hidden, charging will cease and the current function continues.

¹*Changing to Computer Communication mode is essential to allow programming of the device and/or Firmware update.*

²*Whenever any USB cable is connected or disconnected a chime will be played.*

RESETTING DEVICE DEFAULTS

The device's default settings may be reset at any time and at the following levels:

- Onboard Playback : all onboard bookmarks
- microSD Playback : all microSD bookmarks
- Radio (per band)  : last frequency, programmable buttons, frequency spacing
- Speed Control : speed to normal (0)
- Full reset: all the above + reset volume to normal (6) + mode to onboard playback

The Main Menu offers a sub-menu  of mode reset screens. From the sub-menu, choose the mode reset icon  and then cycle through the options for each of the above. See [Mode Reset screen](#).

FULL DEVICE RESET

To perform a full reset of the device, do the following:

- Click  to enter the Main Menu.
- Press and hold  and  together for 2 seconds.
- The full reset menu is displayed:    Highlight and select the confirmation icon .
- The confirmation menu is displayed:     Highlight and select the tick icon .
- "Device Reset Successful!" is displayed.

THE MENU SYSTEM

The device provides an interactive menu system that works together with the LCD screen. The menu is controlled by the buttons illustrated below.



Menu mode and the Main Menu may be activated at any time by a click on . Navigation among menu items is by a click on either (move left) or (move right).

Movement among a menu's items can loop to reduce button clicks. For example, a click on while highlighting the last (right-most) icon will move to the first (left most) icon in the menu.

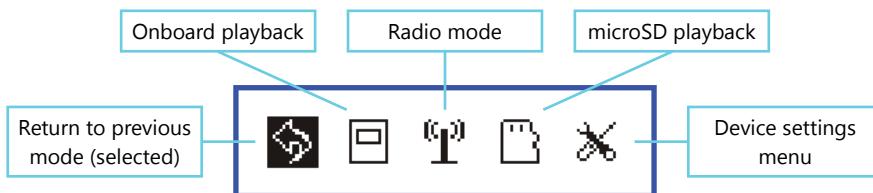
Once a menu item is highlighted (background is dark), selection is made by a click on .

In each menu screen, the icon is always the first option. Selecting will always return to the previous screen.

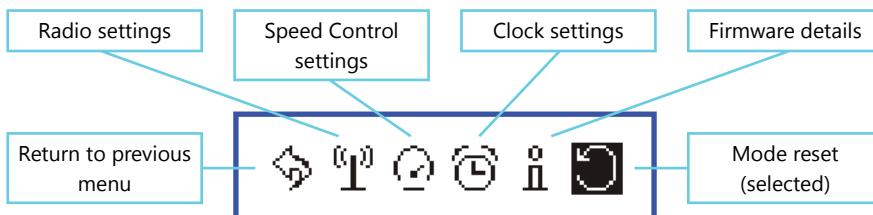
For any screen where a setting change can be made, use to exit that screen and save the change immediately. You may also click to exit, but without saving any changes.

THE MENU SYSTEM SCREENS

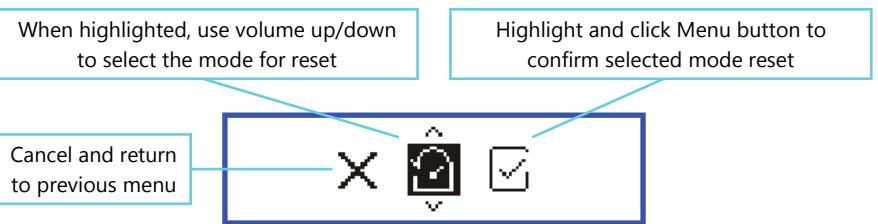
Main Menu



Device Settings Menu

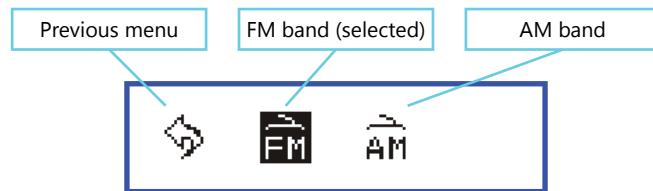


Mode Reset Screen



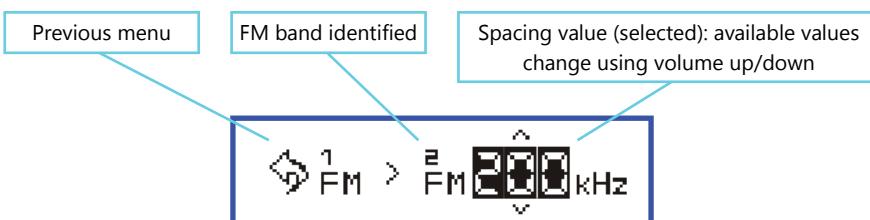
- Select the mode icon  using  or .
- Once selected, use  or  to change the mode for reset.
 - The mode symbols are as follows:
 -  Speed Control
 -  Onboard Playback
 -  microSD Playback
 -  FM Radio Settings
 -  AM Radio Settings
- Then select the confirm icon  and click .
- A confirmation message for the mode that is reset is displayed.

Radio Settings Screen (for band spacing)



- Using  or  navigate to the band desired and click .
- The individual spacing menu will display for the band selected.

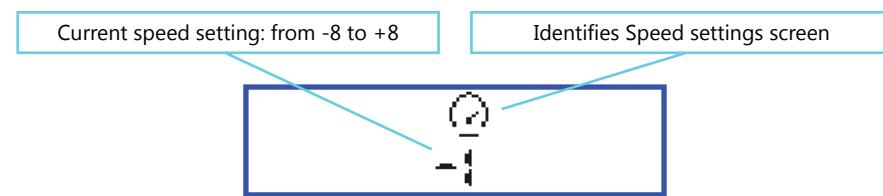
Radio Band Spacing Screen



- Select the spacing value using  or .
- Use  or  to adjust spacing value.
- Select  and click  to save the setting.
- Once the spacing value is set, scanning within that band will skip by the value specified.
- This menu is typical for all radio bands. The spacing options for each band are as follows:

FM: 100, 200 kHz **AM:** 1, 5, 9, 10 kHz

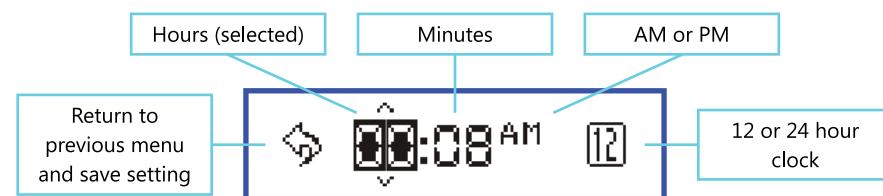
Speed Control Settings Screen



- Adjust speed setting using or .
- Click to exit and save the setting.

¹Speed Control only works correctly with MP3, WAV and WMA type audio files!

Clock Settings Screen



- Select the item desired using or .
- Once the item is selected¹, use or to adjust the value.
- Select the icon to exit. If changes were made, they will be saved and take effect immediately.

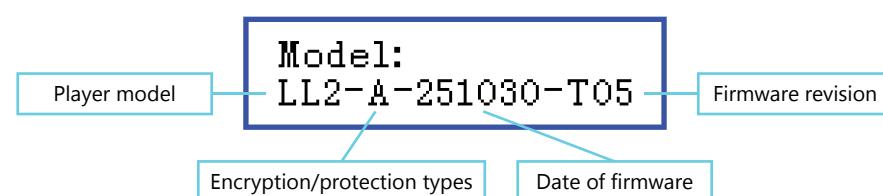
¹The symbols will appear above and below the item to indicate that the buttons are active.

²If new firmware is flashed, the 12/24 hour clock setting is reset to 12-hour (AM/PM) mode.

³Tip for setting the clock:

- Note the current time on a clock you wish to match
- Set the device time to 1 minute after the current time
- Highlight the back button
- Wait until the time on your clock changes to match
- Immediately click to exit the clock screen
- The setting is now changed
- Exit the Menu system

Firmware Details Screen



- For customer support reasons, the device will display the model, encryption type, firmware date and firmware version.
- Encryption/protection types: "A"¹ = SLS + Open microSD, "E"¹ = SLS + Encrypted microSD content, "O" = Open (no encryption and no SLS).
- This screen will time-out automatically after 2 seconds.
- To verify that your device has the most recent firmware update and that you have the current user manual, please visit: <https://megavoice.com/product/lifelight/>

¹Requires an SLS-V2-A cable for onboard access.

CHARGING INSTRUCTIONS

With proper care, the device's Lithium-Ion battery should perform well for several years. When shipped, the battery is only partially charged. Please fully charge it before the first use following one of the charging methods below:

- ⚡ For fastest charge, connect any standard "USB" charger (regulated **5VDC**) to the USB-C port under the silicone cover of the device until¹ the charging icon stops blinking².
- ⚡ Plug the device into any standard computer USB port using a USB-C cable until¹ the charging icon stops blinking².
- ⚡ For solar charging, place the device with the solar panel facing bright sunlight for at least a full day¹. *When solar charging, there is no charge indication.*

¹Actual charge time will vary according to the power source and current battery capacity.

²While charging, the ⚡ icon will appear next to the battery capacity icon in the top right corner of the screen and blink until battery is full.

³A SLS-V2-A cable will **not** work for charging.

⁴The latest version of LifeLight supports "fast charging" which should significantly reduce charging times!

CHARGING SCREEN

If the device is off when connected for charging, the following screen will be displayed:



If the backlight turns off while on this screen, a 2-second press on ⚡ will turn the backlight on. An additional 2-second press can turn the device on and operate normally while connected to an external power source.

BATTERY CARE

- Avoid completely depleting the battery as this will shorten its overall lifetime and takes much longer to fully charge afterwards.
- If sunlight is the only means available for charging, it is recommended to leave the device in direct light *often* to keep the battery at least partially charged.
- When using electric chargers, make sure of the following:
 - Since LifeLight now supports it, using a fast charger is ideal.
 - Voltage must be **5V DC!** Lower voltage may not charge the device properly while a higher voltage could damage it.
 - Maintain standard USB-C connectivity/polarity – do NOT use an adaptor!
 - Maintain a stable power supply. An unstable power supply can cause surges that can damage the electronics.
- When not in use and whenever possible, keep the device in a cool place, which will also help to preserve battery life.
- Before stowing the device for prolonged periods, make sure the battery is at least partially charged.
- If stored for *extended* periods, it is recommended to recharge the device at least every 6 months, in order to prevent the battery from losing its ability to recharge.
- Should the battery become defective and unable to accept a charge, it is still possible to operate the device using a USB cable connected to a computer or an electric charger. If sunlight is the only source for power/charging, please replace the battery.

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 device or battery to fire or extreme heat.
- Stop using the device if you observe abnormal heat, odor, discoloration, leakage or deformation, especially near battery. Refer to a qualified technician for service.
- If 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.

PROBLEMS WITH THE LIFELIGHT ---

If the device will not turn on, please try the following:

1. Make sure the battery is charged according to [CHARGING INSTRUCTIONS](#).
2. If the battery is OK, force a reboot of the device by holding  for about 10 seconds. The device should restart automatically.
3. If #2 fails, reset the device by gently inserting the end of a paper clip for a few seconds into the middle of the uppermost round jack under the connectors cover (see [RESET BUTTON](#)). This is the same as disconnecting/reconnecting the battery. Try to restart it now.
4. If none of the above succeeded, please contact your sales representative for support.

RESET BUTTON ---

