

SEED E1

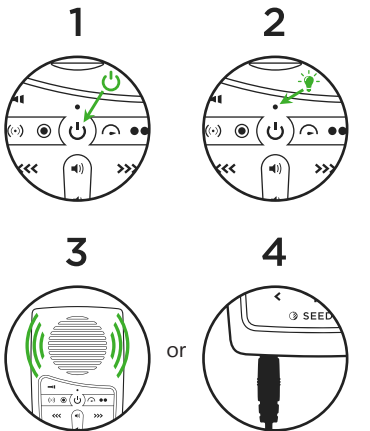


SOLAR AUDIO PLAYER USER MANUAL



EASY START

Press and hold until the LED turns on. The player will begin to play automatically.



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TURNING THE PLAYER ON/OFF

Press in the middle of the keypad for 2 seconds to turn the player on (player will beep once). Press again for 2 seconds to turn the player off (player will beep twice).

**The player will remember its last mode when turned off.*

***While the player is on, a click on will perform a battery test. The LED will blink rapidly for 2 seconds indicating the remaining capacity (Green: 30-100%, Yellow: 10-29%, Red: 0-9%).*

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SELECTING A CHANNEL

While playing audio from one Channel, a 2-second press will navigate to the beginning of the next Channel (if present). If a microSD card is loaded, the player will beep once and navigate to the first Channel on the card.

**During playback mode the LED is green.*

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.

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Click or to jump 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 jump backward or forward one Chapter. 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 seconds* in the current file. Press and hold will perform a fast rewind/fast forward until the button is released or the beginning/end of the file is reached.

**Actual time may vary.*

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LED TORCH

Use to control the LED Torch 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 stay on until the button is released.

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

RADIO

From any other mode, a 2-second press on will put the player in radio mode (player will beep once).

**While in Radio mode the LED is yellow.*

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LED TORCH

Click or to decrease/increase the frequency by 0.1MHz. A 2-second press will scan for the previous/next FM station.

When scan reaches the beginning/end of the FM frequency range (87.0 – 108.0MHz) the player will beep.

An additional click will loop and continue the operation from the beginning/end respectively.

The buttons may be pre-programmed with default frequencies. A click on each will tune the radio to the setting for that button. A 2-second press will set (or reset) that button to the current frequency.

**While in Radio mode the LED is yellow.*

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RECORDING

From any other mode, a 2-second press on will put the player in recording mode (player will beep once).

**While in Record mode the LED is red.*

***Recording files will default to microSD card if present.*

Once in recording mode, a click on will begin recording with a single beep. An additional click will stop recording, beep once and save the recorded file.

While recording, a click on the button will pause the recording. An additional click will resume recording.

All recording files are stored in a folder named "RECORD" in the root folder (onboard memory and microSD).

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RECORDING

A click on will begin playback of recorded files, beginning with the last recording. If the RECORD folder is empty, player will beep 3 times.

A click on or will skip to the previous/next recording file. A 2-second press will skip 5 files backwards or forwards.

A click on or will reverse/forward 20 seconds* in the currently played recording file.

**Actual time may vary.*

Pressing for 2 seconds will delete the current recording file and beep 4 times.

Pressing for 2 seconds will reset the recording file counter to 000 and beep 4 times.

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**If player function is changed while recording, the file will be saved before changing mode and some truncation may occur.*

SPEED CONTROL

A 2-second press on will put the player in speed control mode allowing you to adjust the speed for playback.

A click on or will adjust playback speed. The LED will alternate red and green as you change the speed. Press and hold will decrease/increase until the minimum/maximum speed is reached.

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

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To reset the speed to normal, enter speed control mode, then press again for 2 seconds. Player will return to playback mode with normal speed.

**Speed control does not affect recording speed. It is not saved when switching modes or turning player off.*

PAUSING/ BOOKMARKING

Click to pause playback. To resume, click again or one of the other navigation buttons.

A 2-second press on will place a bookmark at the current position (player will beep 3 times). When player is turned back on later, playback will begin from the bookmark.

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**Player supports a single playback bookmark.*

RESET THE BOOKMARK

To reset the bookmark to the beginning of the messages, do the following:

1. While in playback mode, click .
2. After pausing the player, press for 2 seconds (player will beep once).
3. The bookmark is now reset to the beginning. You may resume playback or turn player off.

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

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EARPHONES, SPEAKERS AND VOLUME

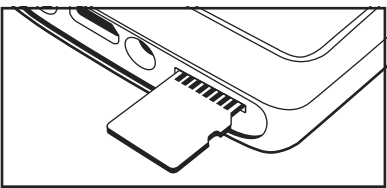
Insert earphone* or speaker plug into the 3.5mm stereo audio jack on the bottom of the unit. The internal speaker will turn off. When the plug is removed, the internal speaker will turn back on.

Press or to decrease or increase volume. The volume will remain set at this level even after the player is turned off and restarted.


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

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USING THE MICROSD CARD



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

Once card is loaded, press  for 2 seconds repetitively until the player beeps once. 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 player was in playback mode from the card when removed, it will beep once and revert to the onboard memory. If any other function was active, it will continue with no change.

You can view, format and prepare an SD card while loaded in the Seed's microSD card reader when the player is connected to a Computer using a USB to micro-USB cable. You may also do the same with the card loaded in a microSD adaptor connected to a Computer. See details on how to prepare the card in the document *Seed E Series User Guide*.


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CHARGING INSTRUCTIONS

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

 For fastest charge, connect any standard "USB" charger (regulated +5VDC, minimum 300mA) to the micro-USB port on the bottom of the player for about 2 hours* or until the LED stops blinking. *While charging, the LED will blink according to the charge level (Green: 30-100%, Yellow: 10-29%, Red: 0-9%).*

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 Plug player into any standard computer USB port using a "USB to micro-USB" cable for about 3 hours* or until the LED stops blinking.

 For solar charging, place the player with the solar panel facing bright sunlight for at least 8 hours*. When solar charging, there is no indication of charge.

**Actual charge time will vary according to the current battery capacity and method of charging.*

BATTERY CARE

• Avoid completely depleting the battery as this will shorten its overall lifetime and takes much longer to fully charge afterwards.

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• If sunlight is the only means available for charging, it is recommended to leave the player in direct light *often* to keep the battery at least partially charged.

• When not in use and whenever possible, keep the player in a cool place, which will also help to preserve battery life.

• Before stowing the player for prolonged periods, make sure the battery is at least partially charged.

• If stored for *extended* periods, it is recommended to recharge the player 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

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possible to operate the player 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.

CHARGING/COMMUNICATION MODES

1. Player is on and in Playback mode (or Radio/Recording modes).


2. Connect to computer: the player will enter Computer Communication mode and turn the unit off.

3. The player will connect with the computer.

4. Depending on the computer and

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the battery level, the LED will blink (Charging/communication indication).

5. After a few seconds, pressing  will disconnect the player from Computer Communication mode, and return to the player's prior mode.

6. At this point, physically disconnecting the player from the computer will stop the battery charging.


7. To connect to the computer again, the player will need to be disconnected, and reconnected.

8. While connected to the computer, the player's battery will be charging, regardless of the mode it is in.

**Changing to Computer Communication mode is essential to allow programming of the player.*

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RESETTING PLAYER DEFAULTS

Resetting player defaults (listed below) is done by pausing the player and pressing  for 2 seconds (player will beep 3 times and turn off).


- Last used mode (audio playback)
- Playback bookmark (beginning)
- Playback speed (normal)
- Volume level (medium)
- Radio bookmark (per configuration file)
- Preset frequencies (per configuration file)
- Recording counter (zero)

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PROBLEMS WITH THE PLAYER?

If the unit 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 player by holding  for about 10 seconds. The player should restart automatically.

3. If #2 fails, reset the player by gently inserting the end of a paper clip for a few seconds into the reset hole on the back of the player, just above the left-most screw holding the back panel. This is the same as disconnecting/

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reconnecting the battery. The player should turn on automatically.

4. If none of the above succeeded, please contact your sales representative for support.

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 player or battery to fire or extreme heat.

• Stop using player if you observe abnormal heat, odor, discoloration, leakage or deformation, especially near

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battery. Refer to a qualified technician for service.

• If the battery is removed from the player, handle it with care. Keep the exposed battery out of reach of children. DO NOT burn, puncture, disassemble, or modify battery.

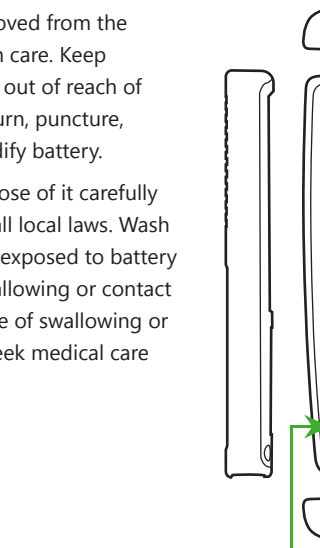
• If battery leaks, dispose of it carefully in accordance with all local laws. Wash any skin or clothing exposed to battery liquid and avoid swallowing or contact with eyes. In the case of swallowing or contact with eyes, seek medical care immediately.

• DO NOT expose player or battery to fire or extreme heat.

• Stop using player if you observe abnormal heat, odor, discoloration, leakage or deformation, especially near

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OTHER SIDES



*Reset Button

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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 Solar Grove Solutions could void your authority to operate this device.

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