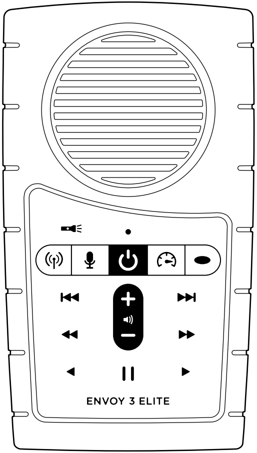
ENVOY 3 E SERIES

SOLAR† AUDIO PLAYER
USER MANUAL

Models: Elite, Equip, Ember, Ember Light

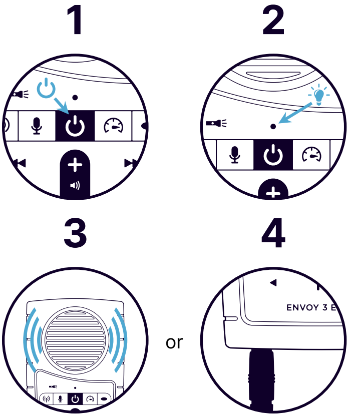


*Envoy 3 Elite pictured

†Feature may be excluded on your player

EASY START

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



KEYPAD BUTTONS

- ⏻ Power
- Torch†
- Radio†
- Record†
- Speed Control†
- ● Channel

⏮ ⏭ Book Backward &

⏪ ⏩ Chapter Backwar

◀ ▶ File Backward &

⏸ Pause

− + Volume Down &

†*Feature may be excluded o*

TURNING THE PL

Press ⏻ in the middle o
2 seconds to turn the pla
beep once). Press ⏻ ag
turn the player off (it will

[1] *The player will remember*
turned off.

[2] *While the player is on, a c*
perform a battery test. The
rapidly for 2 seconds indica
*capacity (**Green**: 30-100%,*
0-9%).

[3] *When battery capacity dr*
*will blink **red** every minute*
Once the capacity drops to

& Forward

rd & Forward

Forward

Up

on your player.

AYER ON/OFF

f the keypad for
yer on (player will
ain for 2 seconds to
beep twice).

its last mode when

lick on ⏻ will
LED will blink
ting the remaining
***Yellow**: 10-29%, **Red**:*

ops to 0-9%, the LED
for a few seconds.
the minimum

required for operation, the player will turn itself off.

SELECTING A CHANNEL

🟢 Green

While playing audio from one Channel[2], a 2-second press on 🟢 will navigate to the beginning of the next Channel (if present).

When present in the last Channel of onboard memory, if a microSD card is loaded, the player will beep once and navigate to the card. See USING THE microSD CARD section for details.

[1] *The LED is **green** while in audio playback mode, whether onboard or microSD memory.*

[2] *The player supports up to 8 Channels.*

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.

Click ⏮ or ⏭ to jump backward or forward one Book. A 2-second press will skip 5 Books at a time. Press and hold[1] 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[1] will continue until the button is released or the beginning/end of the Chapter is reached.

Click ◀ or ▶ to jump backward or forward 20 seconds[2] in the current file. Press and hold[1] will perform a fast rewind/fast forward until the button is released or the beginning/end of the file is reached.

[1] *During press and hold, the LED will blink.*

[2] *The actual time skipped may vary slightly.*

FOLDERS AND FILES

Envoy 3 E Series supports 4 levels of content:

1 level: Chapters only (*no folders*)

2 levels: Books, Chapters (*1 folder level*)

3 levels: Sections, Books, Chapters (*2 folder levels*)

4 levels: Channels, Sections, Books, Chapters (*3 folder levels*)

The audio file types supported are: APE, FLAC, MP3, WAV or WMA.

SPEED CONTROL†

A click on ⏲ will put the player in speed control mode allowing you to adjust the speed for playback.

While in speed control mode, 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.

To exit speed control and save the modified speed, click ⏲ again. Pressing any other button will exit without saving changes.

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

[1] *While in speed control mode, a beep is played every 10 seconds. Once the end of the current file is reached, the player exits Speed Control and enters Pause Mode.*

[2] *The player will remember the modified speed even after it is turned off.*

[3] *Playback speed can only be altered for MP3, WAV and WMA audio files.*

[4] *When Speed Control is active, it affects playback for onboard, microSD and Recording files.*

†*Feature may be excluded on your player.*

LED TO

Use 🔦 to control the LE
intensity. Each click will c
as follows:

Low > Medium >

Press and hold 🔦 to turn
high intensity. The Torch
button is released.

[1] *The Torch may be used wh*
active or player is off.

[2] *The Torch will turn off au*
minutes of use.

†*Feature may be excluded o*

EARPHONES, SP
VOLU

Insert an earphone or spe
standard 3.5mm *stereo* a
bottom of the player. The
will turn off and audio will
external device.

Press ⊖ or ⊕ to lower

RCH[†]

D Torch and its hange the intensity

- High > OFF

n on the Torch in will stay on until the

ile other functions are

tomatically after 15

n your player.

PEAKERS AND ME

eaker plug into the udio jack on the internal speaker be output to the

or raise volume. A continuous press on either button will lower/raise the volume until the minimum/maximum is reached or the button is released.

From Pause Mode, a click works to lower or raise the volume one level at a time, but the player will also beep with each change.

The player will always remember the last volume setting.

[1] *Whenever an audio device is disconnected, the player will enter Pause Mode.*

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

PAUSING/BOOKMARKING

The Envoy 3 E series players support a total of **6** user-defined playback bookmarks.

While in playback mode, click ⏸ to enter Pause Mode (playback will suspend and the LED will blink intermittently).

A click on any of the ⏮ ⏪ ◀ ▶ ⏩ ⏭ buttons will resume playback from the bookmark previously associated with that button. If no bookmark is set, the player will beep 4 times and remain in Pause Mode.

A 2-second press on any of the ⏮ ⏪ ◀ ▶ ⏩ ⏭ buttons will set (or reset) a bookmark to the current audio position. The player will beep once to confirm and remain in Pause Mode.

To resume playback from Pause Mode, click ⏸.

[1] *If the player is paused for more than 15 minutes, it will beep twice and turn itself off.*

[2] *Whenever the player is turned off playback will resume from the last position played (automatic last position bookmark).*

FM RADIO[†]

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

[1] *While in Radio mode the LED is **yellow**.*

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 (76.0 – 108.0MHz) the player will beep (once/twice).

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

The ⏪ ◀ ⏸ ▶ ⏩ buttons may be 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.

[†] *Feature may be excluded on your player.*

RECORDING[†]

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

[1] *While in Record mode the LED is* ***red****.*

[2] *Recording files are written to microSD only! If a microSD is not present, the player will not permit access to the Recording feature and will beep 3 times.*

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.[3]

[3] *To avoid truncation, make sure to* ***wait*** *until the LED begins blinking before speaking, and wait a second or two before ending the recording!*

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

All recording files are stored in a folder named "RECORD" in the root of the microSD card. They are named "XXXXXX.wav" where "XXXXXX" is the number automatically assigned (begins with 000000 and increases by 1).

A click on 🟢 will begin playback of recorded files, beginning with the most recent 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.

If there is no previous file, the player will beep once. If there is no next file, the player will beep twice.

A click on ◀ or ▶ will reverse/forward 20 seconds[4] in the currently played recording file.

[4] *The actual time skipped may vary slightly.*

Pressing ⏮ for 2 seconds will delete the current recording file and beep once as confirmation.

[5] *If player function is changed while actively recording, the file will be saved before changing mode but some truncation may occur.*

[6] *The number of files and file sizes are basically unlimited (except for card space) but it should be noted that as the number of files increases, navigation among recorded files may be slower.*

[7] *Zero-length recording files cannot be played back and will cause the player to emit a high-pitched beep if attempted. Examine the RECORD folder and files to verify.*

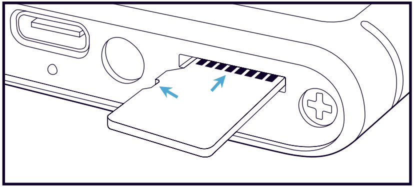
[†] *Feature may be excluded on your player.*

VOICING PLAYER DETAILS

While in Pause Mode, a click on ⏻ will perform the battery test, immediately followed by the voicing of the player model, current firmware version and serial number (if one is defined).

You may also adjust the volume of the message while in Pause Mode, but not while it is playing.

USING THE MICROSD CARD[†]



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

Once a 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.

While you can view, format and prepare a card while loaded in the player's microSD card reader when it is connected to a computer using a USB to Type-C-USB cable, it is recommended (faster) to use a microSD card adaptor connected to a computer or hub.

[1] While in playback from microSD, the LED will be ***green****.*

[2] Whenever a microSD is inserted or ejected the player will beep twice.

[†] Feature may be excluded on your player.

CHARGI

With proper ca
battery should
When shipped,
charged. Pleas
use following o
below:

🔌 For fastest
"USB" charger
Type-C-USB p
for about 2 hou
blinking.[2]

🔌 Plug player
USB port using
for about 3 hou
blinking.[2]

☀ For solar ch
the solar panel
least a full day[1]
no indication o

[1] Actual charge t
power source an

NG INSTRUCTIONS

re, the player's Lithium-Ion
perform well for several years.
the battery is only partially
e fully charge it before the first
ne of the charging methods

charge, connect any standard
(regulated **5VDC**) to the
ort on the bottom of the player
urs[1] or until the LED stops

into any standard computer
a "USB to Type-C-USB" cable
urs[1] or until the LED stops

harging[†], place the player with
facing bright sunlight for at
. When solar charging, there is
f charge.

ime will vary according to the
d current battery capacity.

[2] *While charging, the LED will blink according to the charge level (**Green**: 30-100%, **Yellow**: 10-29%, **Red**: 0-9%).*

[†] *Feature may be excluded on your player.*

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 player in direct light *often* to keep the battery at least partially charged.
- When using electric chargers, make sure of the following:
  - Charger must support **5V DC** output![1]
  - 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.

[1] *Although Fast Charging is not supported, modern Fast Chargers should be backward Compatible with **5V** devices.*

- 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 possib
to operate the player using a USB-C cable
connected to a computer or an electric charger. If sunlight is the only source for power/charging, please replace the batter

CHARGING/COMMUNICATION MODES

When connecting the player to a computer, it can be done in one of two modes: charging or communication.

[1] *Changing to computer communication mode is essential to allow programming of the player.*

Connecting a player to a computer for programming purposes:

Connect the player to a computer using a USB-C[3] cable (for onboard programming). The player will automatically enter computer communication mode.

[2] *While in computer communications mode, the player will also be charging.*

Connecting a player to a computer for charging purposes:

Connect the player to a computer using a USB-C[3] cable or a Charge Only USB-C cable.

- If connected via USB-C[3] Data cable, and you want to disconnect from computer communication mode and continue charging your player, click ⏻ on the front of the player. If the player was on prior to connecting it to the computer, the player will return to playback mode.
- For the computer to recognize the player again, the player will need to be unplugged from the computer and reconnected
- Depending on the connection type, and the player's battery level, the LED will blink (indicating communication activity or charging level).
- Physically unplugging the player from the computer will stop the charging process.

[3] *In case you cannot connect to a computer as instructed above, your player may have a special firmware, protecting access to the audio contents. In this case, a standard data cable will not work. See your sales representative for details.*

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 (to onboard playback)
- Last Position Playback bookmark (to beginning of onboard)
- Playback speed (to normal)
- Volume level (playback, radio[2] and recording[1] to medium)
- Preset frequencies[2] (to embedded defaults)
- Radio bookmark[2] (to first preset)

[1] *Elite only.*

[2] *Elite and Equip only.*

PROBLEMS WITH THE PLAYER?

If the player 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 (see FEATURES). This is the same as disconnecting/reconnecting the battery. The player should restart 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 battery. Refer to a qualified technician for service.
- If the battery is removed
handle it with care. Keep
battery out of reach of c
burn, puncture, disassem
battery.
- If battery leaks, dispose
accordance with all local
skin or clothing exposed
and avoid swallowing or
In the case of swallowin
eyes, seek medical care

from the player,
the exposed
hildren. DO NOT
nble, or modify

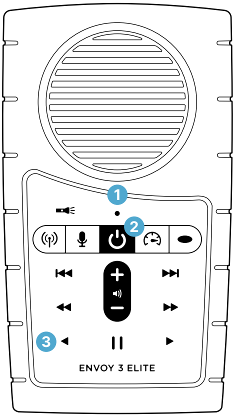
of it carefully in
laws. Wash any
to battery liquid
contact with eyes.
or contact with
immediately.

FEATURES

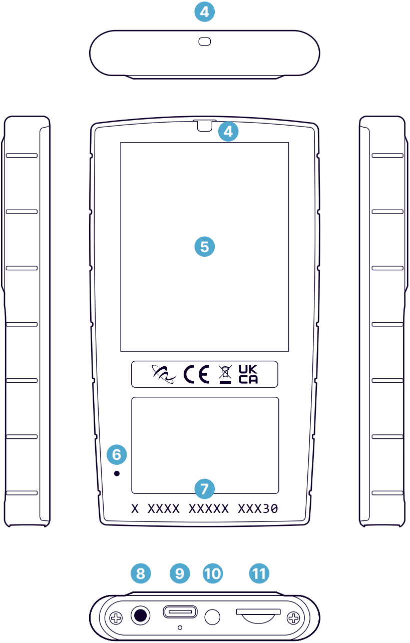
① Status LED
② Power button
③ Microphone (unseen)[†]
④ Lanyard hole
⑤ Solar panel[†]
⑥ Reset button
⑦ Model code number[1]
⑧ 3.5mm stereo audio jack
⑨ Type-C USB port
⑩ Torch LED[†]
⑪ MicroSD card reader[†]

[1] *Envoy 3 example code shown. End of code indicates player version.*

[†] *Features may not be present in your player.*



[*] Envoy 3 Elite pictured



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