ENVOY 3 EQUIP

SOLAR AUDIO PLAYER
USER MANUAL

TABLE OF CONTENTS

EASY START

Press and hold the power button until the player chimes and the LCD screen turns on.
The player will begin to play automatically.

TURNING THE PLAYER ON/OFF

Press ⏻ in the top center of the keypad for 2 seconds to turn the player on (player chimes and the LCD screen turns on). The welcome screen is displayed and audio playback/radio will begin immediately.

> HELLO

The LCD backlight must be on to power the player off. If it is off, click once on ⏻ to turn it on. Then press and hold ⏻ again until the 1-2-3 shutdown warning completes to turn the player off.

> ❶ ❷ 3

The player will chime again, show the shutdown screen and the LCD screen will turn off.

> GOODBYE

[1]*The player will remember its last mode and playback position/band & frequency when turned off.*

THE LCD SCREEN

This player is unique in that it provides complete information and control via the LCD screen with an interactive menu system.

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

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

For more detail, see illustrations of various screens throughout this manual.

SELECTING PLAYBACK CHANNELS

⬤ The player 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 001 and 002 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 000 (optional/onboard only) is typically reserved for a player introduction and/or audible user manual. If a Channel 000 is present, playback will always begin from it when the player is first turned on (or after player is reset).

When in playback from onboard or microSD memory, a 2-second press on ⬤ and ◀ together will navigate directly to the prior playback position of Channel 000 (if present).

From any other mode, a 2-second press on ⬤ will resume at the prior playback source and file position.

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 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. 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[1] in the current file. Press and hold will perform a fast rewind/fast forward (in 60-second increments[1]) until the button is released or the beginning/end of the file is reached.

To quickly return to the start 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.*

PLAYBACK SCREEN

AM/PM (or blank when 24-hour)

Onboard memory is current source

microSD is loaded

Charge indicator: Blinking when active, static when full, blank when not connected to power source

Clock

Playback indicator: currently playing

Paused

Icon representing **type** of file information

Battery capacity indicator: four bars = 81%-100%

Current file information

microSD memory is current source

Audio device is connected

Not connected for charging

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 player will display only 🗎 + *Filename.extension*

- If any tag text[1] is longer than the screen area, it scrolls from right to left
  - The field will show for 3 seconds before scrolling begins
  - Once scrolling has finished, the field is shown for an additional 3 seconds
  - Then the next field is displayed

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

RADIO

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

If already in Radio mode, a click on (icon) will toggle between the 3 bands available: FM, AM and SW.

[1]*While in Radio mode the Radio screen is displayed.*

Click (icon) or (icon) to decrease/increase the frequency by a pre-set value[3] 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 range[4] the player will chime. An additional click will loop and continue the scan from the beginning/end respectively. To stop an active scan[5], click on (icon), (icon) or (icon).

The (icon) (icon) (icon) buttons may be pre-programmed with individual default frequencies per band. 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.

[2]*When the frequency is tuned to one of the programmable buttons (*(icon) (icon) (icon)*), that button's symbol will be displayed on the screen.*

[3]*See Radio Band Spacing Screen for details.*

[4]*FM: 64.0-108.0 MHz, AM: 520-1720 kHz, SW: 2300-26100 kHz*

[5]*While scanning is active, you cannot change mode or turn the player off.*

RADIO SCREEN

AM/PM (or blank when 24-hour)

Current band: FM, AM, or SW

microSD is loaded

Battery capacity indicator: four bars = 81%-100%

08:08 PM FM SD

108.3 MHz

When current frequency is tuned to one of 3 programmable buttons, the button image shows here

Clock

Current frequency

Unit of frequency measurement
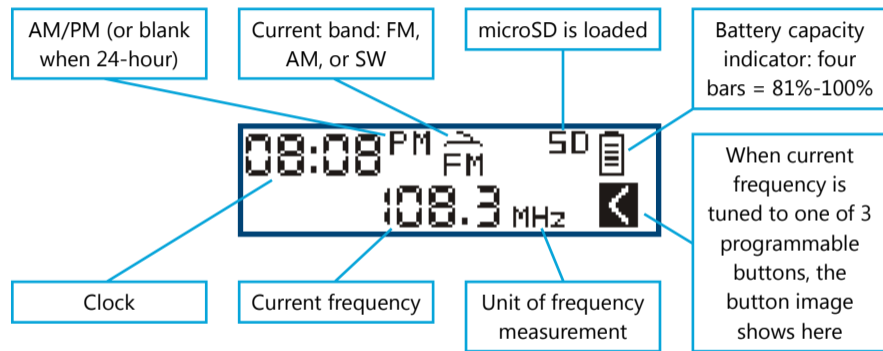
SPEED CONTROL

A 2-second press on ⊕ will emit a chime and place the player in speed control mode, allowing you to adjust the audio playback speed.

[1]*While 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. Player will return to playback mode at normal speed.

[2]*The Speed setting persists when changing modes or after turning the player off.*

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

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

[5]*Speed Control may also be set via the Settings Menu.*

SPEED CONTROL SCREEN

Current speed setting: from -8 to +8	Identifies Speed settings screen
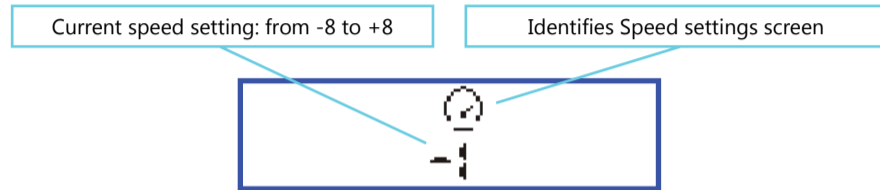
• This is the screen that is displayed when entering Speed Control Mode from playback.

• You may also adjust the speed setting from the Player Settings Menu.

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.

¹_The Torch may be used while other functions are active or player is off._

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 player automatically bookmarks the last file played and the position within that file when the mode is changed or the player is turned off.

¹_The Pause function is only available during audio playback._

²_If the player is left paused for more than 15 minutes, it will turn itself off._

EARPHONES, SPEAKERS AND VOLUME

Insert earphone or speaker plug into the 3.5mm stereo audio jack on the bottom of the unit. When an audio device is connected, the internal speaker will turn off and then turn back on when it is disconnected.

[1]*While an audio device is connected, the earphone icon 🎧 is displayed on the screen.*

Click ➖ or ➕ to decrease or increase volume one level.

[2]*The first click automatically displays the volume adjustment screen.*

◁)) 06

Press and hold will continue to decrease/increase until the minimum (00)[6] or maximum (10) is reached. When the volume is set to minimum or maximum a chime is played.

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

After 1 second of inactivity, the volume screen will timeout and return to the previous screen.

[3]*Separate volume levels are maintained for audio playback and radio.*

[4]*When an audio device is removed during audio playback, the player enters Pause Mode.*

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

[6]*Volume level (00) is muted.*

USING THE MICROSD CARD

The player can also play audio from a properly structured[3] microSD card. With the player facing you, insert the card with the brass contacts showing until it locks in place.

Once a card is loaded, the "SD" icon (SD) 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 player was in playback mode from the card when removed, it will display "microSD card removed" and enter the Playback Screen. 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 player'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.

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

[2]*If a microSD card is present when the player turns on, the chime is also played.*

[3]*Content on a microSD card must be encrypted to work on this player. Contact your sales representative for details.*

RESETTING PLAYER DEFAULTS

The player's default settings may be reset at any time and at the following levels:
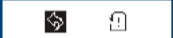
• Onboard Playback: delete all onboard bookmarks

• microSD Playback: delete all microSD bookmarks

• Radio - by individual band: delete last frequency, reset programmable buttons

• Speed Control: reset speed to normal (0)

• Full reset: all the above + reset volume to normal (6)

The Main Menu offers a sub-menu of mode reset screens. From the sub-menu, choose the mode reset icon for each of the above.

FULL PLAYER RESET

To perform a **full** reset of the player 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. Select the tick icon ☑.

• "Device Reset Successful!" is displayed.

THE MENU SYSTEM

The player provides an interactive menu system that works together with the LCD screen. The menu is controlled by the buttons illustrated below. For convenience, they are accented in red on the keypad.

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, the 🔄 icon is always the first option. Selecting 🔄 will always return to the previous screen.

You may also click ⏻ to exit any screen but <u>without</u> saving changes.

THE MENU SYSTEM SCREENS

Main Menu

Onboard playback   Radio mode   microSD playback

Return to previous mode (selected)

Player settings menu

Player Settings Menu

Radio settings

Speed Control settings

Clock settings

Firmware details

Return to previous menu

Mode reset (selected)

Mode Reset Screen

When highlighted, use volume up/down to select the mode for reset

Highlight and click Menu button to confirm selected mode reset

Cancel and return to previous menu
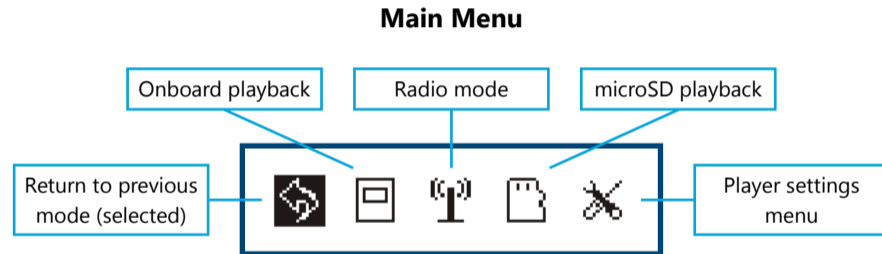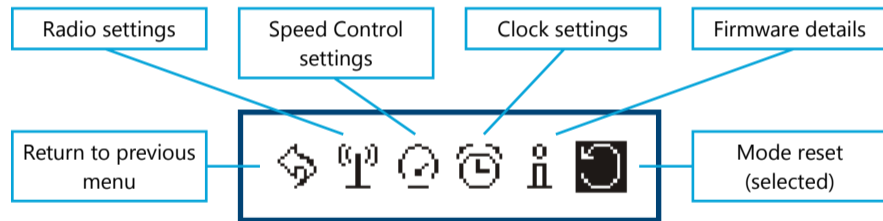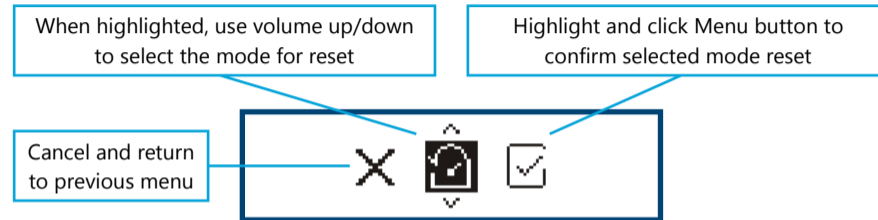
• Select the mode icon 🔳 using ⏪ or ⏩.

• Once selected, use − or + to change the mode for reset.

• Then select the confirm icon ☑ and click ⠿.

• A confirmation message for the mode that is reset is displayed.

Radio Settings Screen (for band spacing)

| Previous menu | FM band (selected) | AM band | SW band |
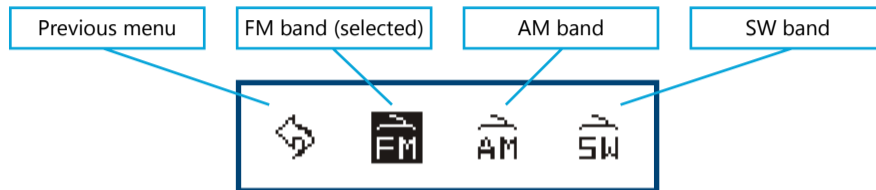
- Using ◀◀ or ▶▶ navigate to the band desired and click ⦂⦂.

- The individual spacing menu will display for the band selected.

- Click ⦂⦂ to save the setting.

Radio Band Spacing Screen

| Previous menu | FM band identified | Spacing value (selected): available values change using volume up/down |
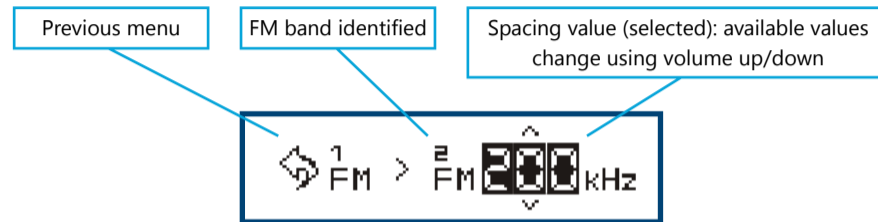
- Select the spacing value using ◀◀ or ▶▶.

- Use − or + to adjust spacing value.

- 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 3 radio bands. The spacing options for each band are as follows:

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

Speed Control Settings Screen

Current speed setting: from -8 to +8   Identifies Speed settings screen
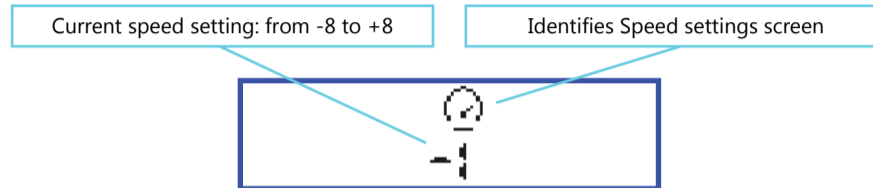
- Adjust speed setting using − or + .

- Click 🔴 to exit and save the setting.

Clock Settings Screen

Hours (selected)   Minutes   AM or PM

Return to previous menu and save setting

12 or 24 hour clock
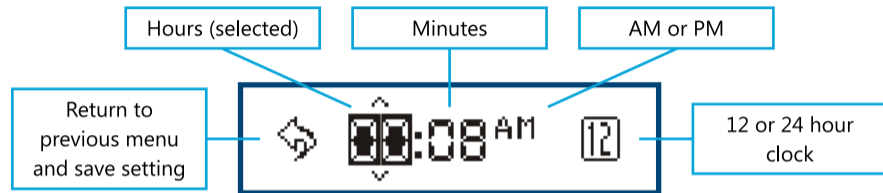
- Select the item desired using ⏪ or ⏩.

- Once the item is selected, use − or + to adjust the value.

- Select the ◈ icon to exit. If changes were made, they will be saved and take effect immediately.

Firmware Details Screen

Model:
E3-YYYYMMDD-TXX

Player model   Date of firmware   Firmware revision
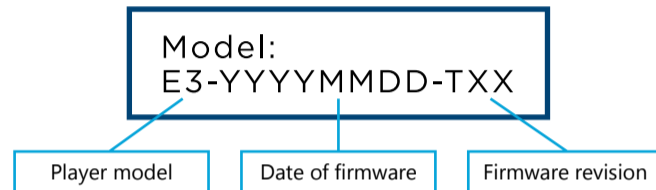
- For customer support reasons, the player will display its current firmware release.

- This screen will time-out automatically after 2 seconds.

- To verify that the manual you have is correct for your version of firmware, please visit:

https://megavoice.com/audio-bible/envoy-3-equip

CHARGING INSTRUCTIONS

With proper care, the player's Lithium-Ion battery should perform well for several years. When shipped, the battery is only partially charged. Please <u>fully</u> charge the battery 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 until the charging icon[2] stops blinking[1].

🔌 Plug player into any standard computer USB port using a "USB to micro-USB" cable until the charging icon[2] stops blinking[1].

☀ For solar charging, place the player with the solar panel facing bright sunlight for at least a full day[1]. *When solar charging, there is no charge indication.*

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

[2]*While charging, the charging icon ⚡ will appear next to the battery capacity icon in the top right corner of the screen and blink.*

CHARGING SCREEN

If the player 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 player 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 <u>only</u> 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 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

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

• The player will enter charging mode and the charge screen is displayed.

🔋⚡

• When the cable is disconnected, charging stops and the player remains off.

When the player is **on** and a charge-only 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.

When the player is **off** and a data-only or SLS 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 player remains off.

When the player is **on** and a data-only or SLS cable is connected:

• The computer connection screen is displayed.

> 🖥

• When the cable is disconnected, the previous operation continues.

[1]*Changing to Computer Communication mode is essential to allow programming of the Player and/or Firmware.*

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

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 <u>gently</u> 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/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 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.

RESET BUTTON

Reset button