

Zildjian[®]
ALCHEM·E

E·VAULT

ELECTRONIC DRUM MODULE
UPDATE GUIDE



VERSION 1.8 (EN)



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If you require assistance with updating your module, please contact Zildjian Customer Service: <https://zildjian.com/pages/contact>

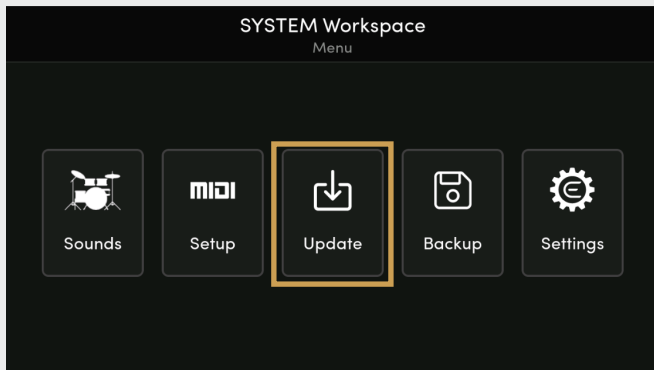
E-VAULT UPDATE GUIDE [V1.8]

Follow the instructions in this guide to update E-VAULT's firmware and sound library.

GETTING STARTED

Check the Firmware Version

1. Long press the [O] button to open the System Workspace Menu screen.



2. Press the [Update] button to open the System Update screen.



3. The installed firmware version is displayed.

Based on the installed firmware version, follow the numbered steps covered in this guide to update both the firmware and sound library to version 1.8.

Update from v1.0 | v1.1.0 | v1.1.1 | v1.1.2 | v1.1.5

(For v1.0 systems and versions prior to v1.5)

1. Download & Copy the Update Files:
Firmware Update (v1.8) + **Sound Library Full Install (v1.8.1)**
2. Update the Firmware
3. Update the Sound Library: Select [Install Full Sound Library]
4. Complete E-VAULT Setup

Update from v1.5

1. Download & Copy the Update Files:
Firmware Update (v1.8) + **Sound Library Update (v1.8)**
2. Update the Firmware
3. Update the Sound Library: Select [Sounds Update]

1. DOWNLOAD & COPY THE UPDATE FILES

Follow the instructions in this step to format the USB flash drive, download the update files from our website, and then copy the files to the USB flash drive.

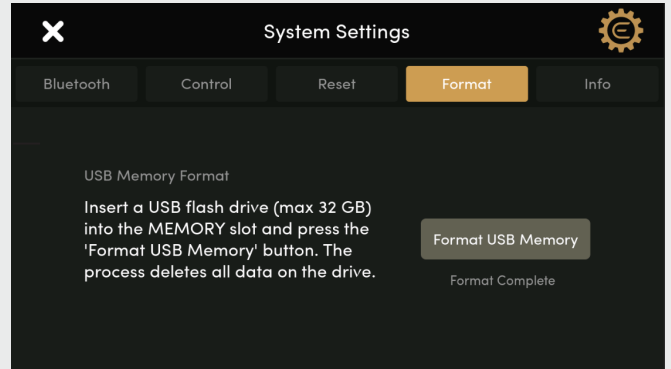
Format the USB Flash Drive

The Zildjian 32GB USB flash drive must be formatted (FAT32) before use.

1. Insert the drive. Long press the [O] button to open the System Workspace Menu screen.



2. Press the [⚙️ Settings] button to open the System Settings screen.



3. Select the [Format] tab and press the [Format USB Memory] to format the drive.

Download the Update Files

1. Access the downloads page on the Zildjian website: <https://zildjian.com/pages/downloads>
2. Refer to the table and download the required files to update your module.

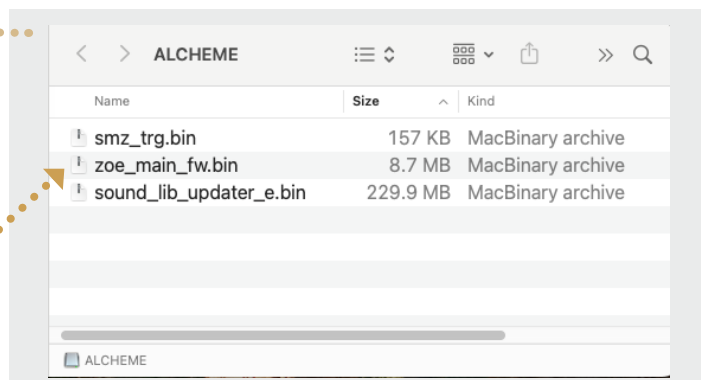
Downloads File Name	Download .zip	Contents	File Size
Firmware Update (v1.8)	EVAULT_Update_v1_8.zip	zoe_main_fw.bin smz_trg.bin	8.7 MB 157 KB
Sound Library Full Install (v1.8.1)*	SLib_full_v1_8_1.zip	sound_lib_master_e.bin sound_lib_wav_cymbal_1.bin sound_lib_wav_drum_1.bin	3.1 MB 3.29 GB 1.23 GB
Sound Library Update (v1.8)	SLib_update_v1_8.zip	sound_lib_updater_e.bin	230 MB

*Download and install the full sound library if you are updating from v1.0 and older versions prior to v1.5

Copy the Files to the USB Flash Drive

1. Unzip and copy the required update files (.bin) to the root directory of the USB flash drive as shown.
2. Insert the USB flash drive into the E-VAULT module's MEMORY slot.

This example shows the required files for a Firmware Update + Sound Library Update.




Proceed with the next steps →

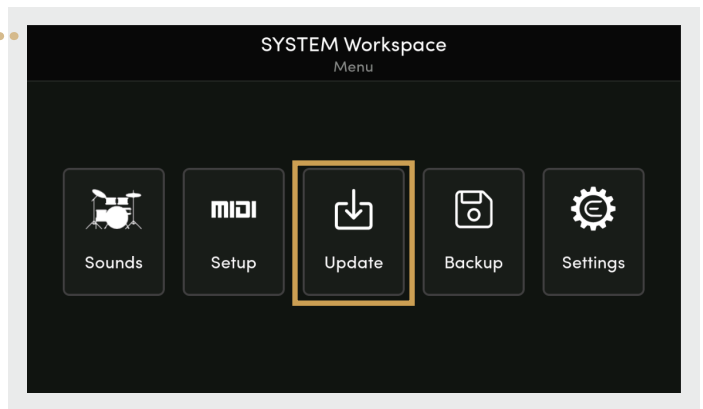
2. Update the Firmware
3. Update the Sound Library

2. UPDATE THE FIRMWARE

After copying the files to the USB flash drive, the next step is to update the E-VAULT module's firmware. This process updates the system to version 1.8

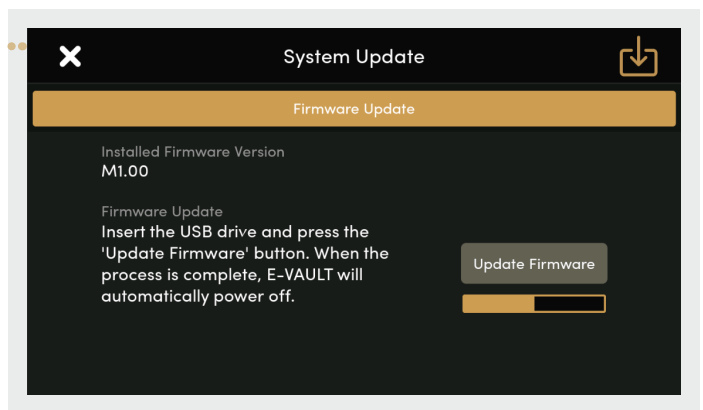
Access the System Update screen

1. Power on the module.
2. Long press the [O] button to open the **System Workspace Menu** screen.
3. Press the [ Update] button to open the **System Update** screen.



Update the Firmware

4. On the System Update Screen, press the [Update Firmware] button.
5. When the update starts, the button LEDs will turn off and a progress bar displays.
6. When the update process is completed, the E-VAULT module automatically powers down.
7. Leave the flash drive inserted for next step.



It is normal for the progress bar to move slowly during the last part of the firmware update. Please do not disconnect the module's power during the update process.

3. UPDATE THE SOUND LIBRARY

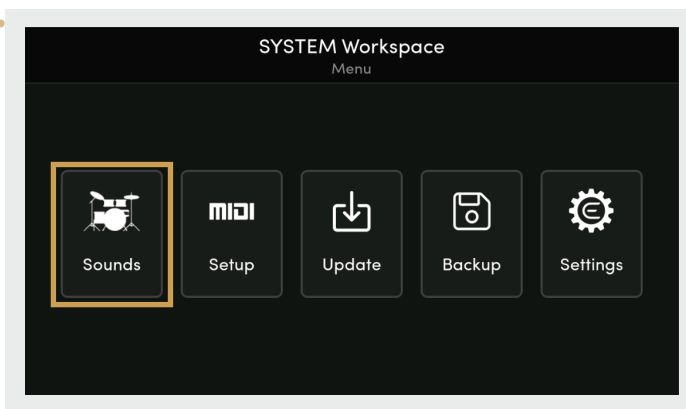
The **E-VAULT Sounds** screen has two tabs that correspond to two different processes for updating the module's sound library:

Sounds Update	<p>Use the Sounds Update option to update from v1.5</p> <p>This process adds new factory content to the sound library. The process can also be used to adjust factory content. User kits and user instruments are not altered, but their sounds can change slightly if the update includes adjustments to factory tones.</p>
Install Full Sound Library	<p>Use the Install Full Sound Library option to update from v1.0 v1.1.0 v1.1.1 v1.1.2 v1.1.5</p> <p>This process installs a full sound library and removes all existing factory and user content.</p>

Access the E-VAULT Sounds screen

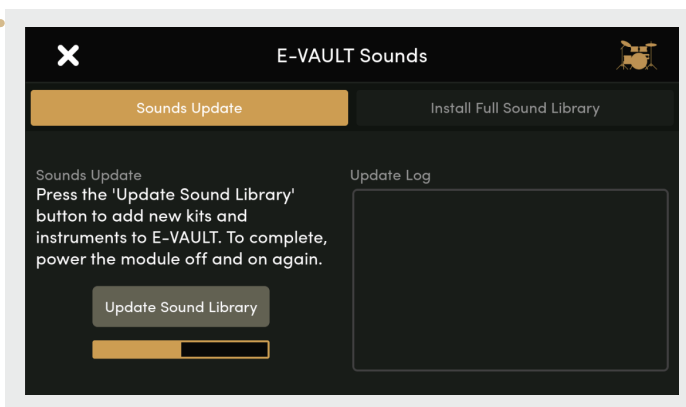
1. Power on the module.
2. Long press the [O] button to open the **System Workspace Menu** screen.
3. Press the [🥁 Sounds] button to open the **E-VAULT Sounds** screen.

↓ **Select Sounds Update or** ↓
Install Full Sound Library



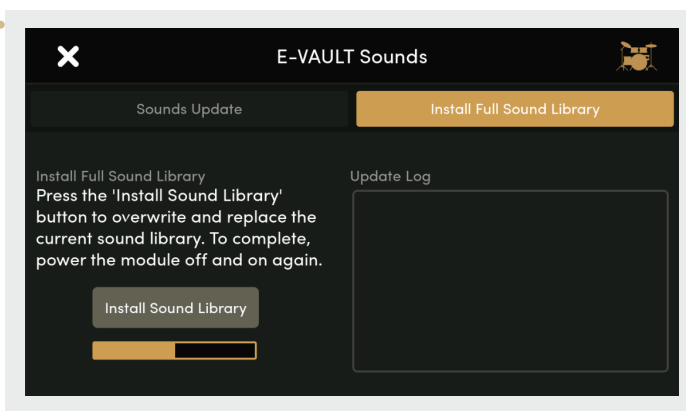
Sounds Update

4. Select the **Sounds Update** tab.
5. Press the [Update Sound Library] button.
6. During the installation, the button LEDs turn **red** and a progress bar displays. The Update log reports the installation steps.
7. When the installation is completed, the button LEDs turn **green** and the log message **UPDATE COMPLETED** is displayed.
8. Press the power button to shut down the module. This step completes the update.



Install Full Sound Library

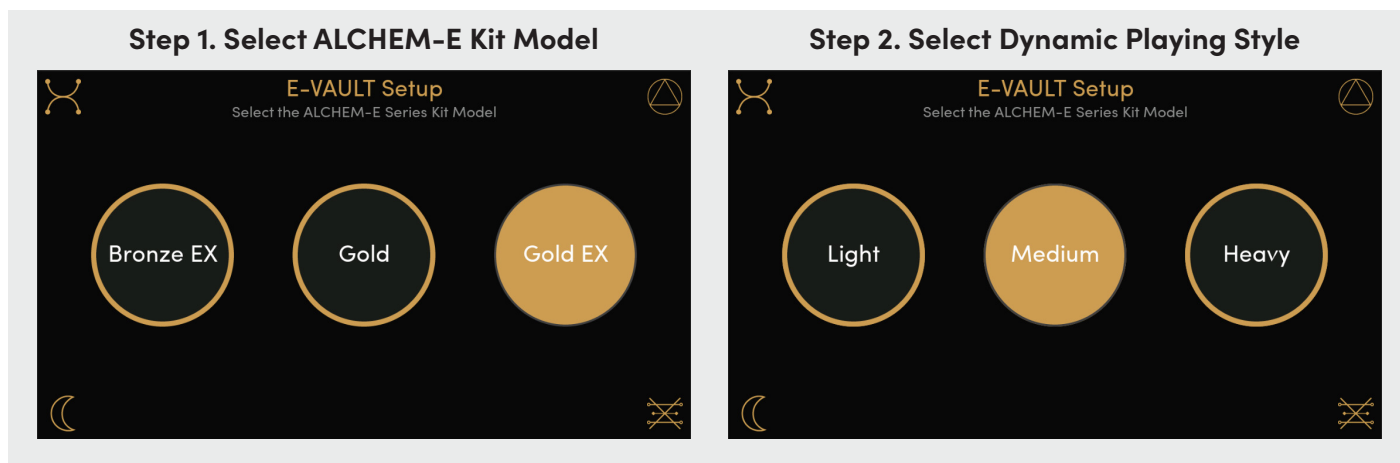
4. Select the **Install Full Sound Library** tab
5. Press the [Install Sound Library] button.
6. During the installation, the button LEDs turn **red**. The progress bar tracks the separate installation progress of each update file. The Update Log reports the installation steps.
7. When the installation is completed, the button LEDs turn **green** and the log message **UPDATE COMPLETED** is displayed.
8. Press the power button to shut down the update.



4. E-VAULT SETUP


Select Kit Model and Initialize Trigger Settings

Follow the onscreen instructions to select your kit model and dynamic playing style. These selections are used to initialize E-VAULT with a factory trigger profile designed for your kit.



1. Power on the module.
2. When the E-VAULT Setup screen displays, select the option that matches your ALCHEM-E Kit Model: **Bronze EX**, **Gold**, or **Gold EX**.
3. Press the [Continue] button.
4. Select the trigger settings option that is closest to your dynamic playing style: **Light**, **Medium**, or **Heavy**.
5. Press the [Finish] button.

The module loads default trigger settings based on your selection. When the E-VAULT setup process is completed, the Kit Play screen displays.

 E-VAULT Setup can be run manually by accessing the System Settings screen's **[Reset]** tab and pressing the **[E-VAULT Setup]** button. The module will power down and the E-VAULT Setup process will run on the next restart.

Next Steps: Adjust Trigger Settings

E-VAULT Setup initializes the system with a factory trigger profile designed for your ALCHEM-E kit model.

The factory settings offer solid out-of-the-box triggering, but before playing, it is recommended to complete the three-step HiHat control setup process.

ALCHEM-E drums and cymbals are capable of delivering incredible levels of trigger sensitivity and dynamic range. To start experiencing that unprecedented play feel straight away, we advise spending a little time dialing in your trigger settings.

To start your journey, press the **TRIG** button to open the trigger settings screens.

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AN IMMERSIVE ELEVATED
ELECTRONIC EXPERIENCE

