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UPDATE INFO - BINARY FIRMWARE V1.1.1

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Binary Firmware V1.1.1 includes new features and improvements based on recent customer feedback. We recommend all Binary users to perform this update for the best possible user experience.

### **Main Changes in Binary Firmware**

1. Firmware version can be shown on Binary pedals
2. Optimized hardware performance
3. Minor bug fixes

### **Special Optimization for Binary Eko**

This update adds time subdivisions for Tap Tempo mode.

### **How To Check Firmware Version Info**

For Binary Mod/Eko/IR Cab, press the GLOBAL button repeatedly until the firmware version info is displayed on the screen.

For Binary Amp, simply hold the CAB SIM button to check the firmware version.

### How To Use Tap Tempo Subdivision

Hold the PATCH/TAP footswitch to engage Tap Tempo mode when the effect is on. In Tap Tempo mode, turn the TIME knob to set a proper tap tempo subdivision shown as below:

SUBDIVISION	DIVIDE RATIO	DISPLAY
Whole Note	4	1
Half Note	2	1/2
Dotted Half Note	3	1/2D
Half Note Triplet	4/3	1/2T
Quarter Note (no division)	1/1	1/4
Dotted Quarter Note	3/2	1/4D
Quarter Note Triplet	2/3	1/4T
8th Note	1/2	1/8
Dotted 8th Note	3/4	1/8D
8th Note Triplet	1/3	1/8T
16th Note	1/4	1/16

*Note: 1. The default division is Quarter Note (1/4, no division). Disengaging Tap Tempo function will reset the subdivision to default.*

*2. Tap Tempo will now affect all delay time parameters in DUAL EKO. Use the TIME and B knobs to set two different delay time subdivisions when needed.*


*3. Tap Tempo subdivision is only featured in Binary Eko.*

## How To Update


**Step 1** Launch the Support page on our official website and select SOFTWARE from the list. Select Binary from the product types and files will appear.

**Step 2** Click the download links to download the latest Binary Editor installer (choose Windows or Mac) and Binary Firmware.

**Step 3** Install Binary Editor v1.1.0 FIRST. You don't need to uninstall the older version.

**Step 4** Run the Binary Editor Software, then click the  button at the top right of the UI.

**Step 5** Click "Firmware Update", then choose the file you just downloaded and confirm.

**Step 6** Click the " icon and let it run the update.

## Firmware Update Notice

To perform a manual update if your Binary pedal crashes:

1. Press and hold the ▼ footswitch along with the "-" and "GLOBAL" buttons, then power Binary on.
2. Connect a USB cable to your computer and open the Binary software.
3. Select the firmware update option and follow the procedure for the newest update.
4. After the update is complete, select and run "Restore Factory Settings" from the software.
5. When complete, disconnect the cable and operate your Binary as normal.

*Note: 1. Please close your anti-virus software or disable disk scan function before using Binary Editor with Binary, since it may cause Binary Editor to crash.*

*2. If your device is not recognized by your computer, reconnect both the power cable and USB cable and try again.*