

# TWISTfm MIDI Engine v2 — Optional One-Time Update

## What it is:

The MIDI engine is separate from the main TWISTfm firmware and only needs to be updated **once**.

## When to update:

Only if you experience **DIN clock issues** or need **Program Change** support.

## Compatibility:

All regular firmware versions remain fully compatible with MIDI Engine v1 — this package is **v2**. Units with **serial number #2572 and above** already include MIDI Engine v2.

## Note:

This process is **different** from the normal SD-card firmware update. It is done **via USB** while the unit is in a special update mode.

## ■■ Update Steps

### 1. Enter MIDI Engine update mode

Power off TWISTfm.

Hold the **5th chain button (PLAY)** and **keep it held** while powering on. The screen will blink **“UPDT FW”** — you can then release the button.

### 2. Open the update page on your computer

Go to [twisted-electronics.com/update](https://twisted-electronics.com/update)

- A **Mac** is recommended — it requires **no drivers** and is the simplest option.
- On **Windows**, install the **WinUSB driver** using *Zadig* (see the instructions on the page).

### 3. Connect & send the file

In Google Chrome:

- Click **Connect**, then select **“TWIST – Paired”** from the list.
- Click **Choose File** and select **TFM\_MIDI\_ENGINE\_2.0.bin**.
- Click **Send to Device**.

The update should only take **a second**.

When the page shows:

Wrote 21688 bytes Manifesting new firmware Done! it's safe to **reboot** the unit.

### 4. Reboot

Power the unit off, then back on normally.