

DM24.12 Firmware/GUI Utility User Manual

◆ Preparation

1. 1x DM24.12 Device °
2. 1x USB stick ° ($\geq$ USB2.0, FAT32)
3. 1x Firmware file °
4. 1x GUI file °

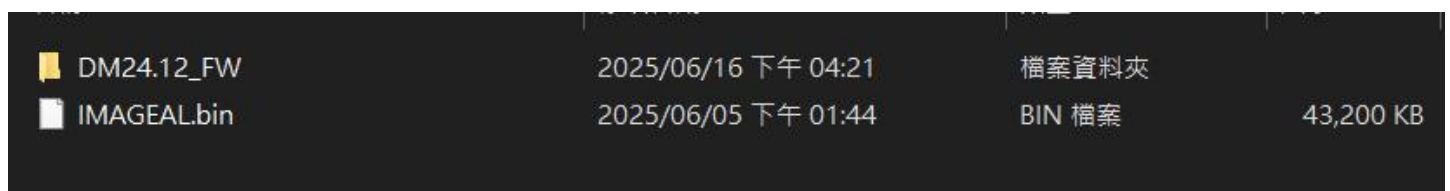
◆ preparation

1. Turn on DM24.12



2. Put the new firmware and GUI file to be updated in the root directory of the USB stick.

(Avoid the mixer broken when enter the firmware update page ,Please put all the files into the USB.
Refer to the screenshot below)



3. Insert the USB drive into the machine

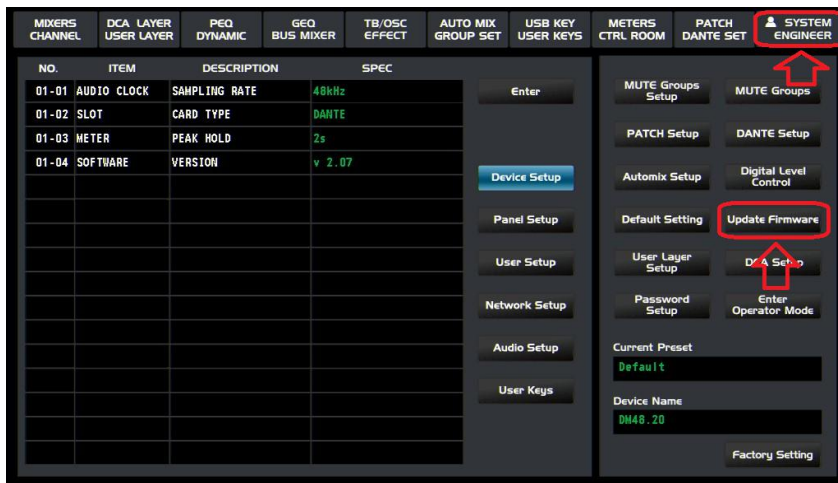


◆ update operation

1. Select system on the DM24.12 LCD menu page



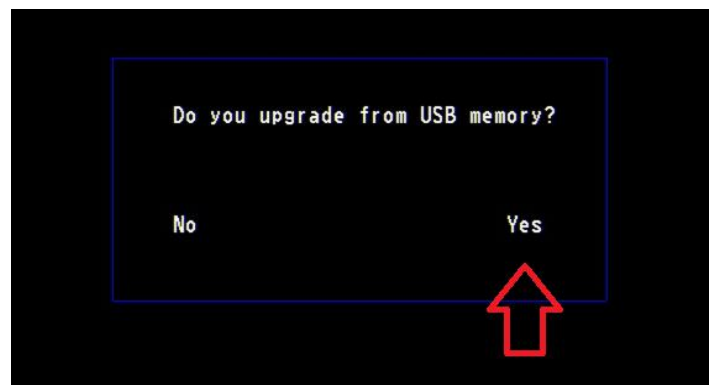
2. Select the [update firmware] option ◦



3. Enter the password,

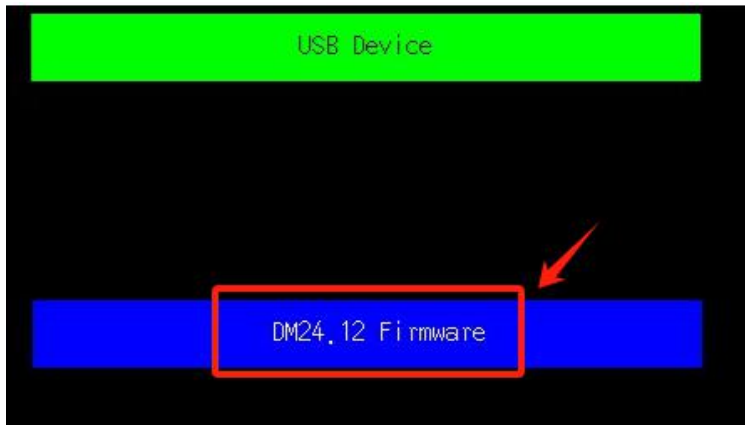
-DM24.12 password: DM24.120

Enter the update page



4. Step 1 : Firmware update

4.1 Select Firmware Update



4.2 Read to file Display status.

A screenshot of a file display status screen. At the top, a green bar contains the text 'USB Device'. To the right of the green bar are two blue buttons labeled 'UPDATE' and 'OK'. Below the green bar is a table with four columns: file name, size, version, and another version. The table lists six files related to DM24.12 firmware.

File Name	Size	Version 1	Version 2
DM24.12_DSP01_V2.01_v1.bin	157k	V2.01	v2.43
DM24.12_DSP02_V2.01_v1.bin	162k	V2.01	v2.43
DM24.12_MCU01_V2.01_v1.bin	1495k	V2.01	v2.43
DM24.12_MCU02_V2.01_v1.bin	53k	V2.01	v2.43
DM24.12_MCU03_V2.01_v1.bin	30k	V2.01	v2.43
DM24.12_MCU04_V2.01_v1.bin	30k	V2.01	v2.43
DM24.12_MCU05_V2.01_v1.bin	768k	V2.01	v2.43

4.3 At this time, in the pop-up interface, click "YES".

A screenshot of the same file display status screen as in 4.2, but with a blue pop-up dialog box overlaid in the center. The dialog box contains the text 'Do you start to Update?' and two buttons labeled 'No' and 'Yes'. The table of files is visible behind the dialog box.

File Name	Size	Version 1	Version 2
DM24.12_DSP01_V2.01_v1.bin	157k	V2.01	v2.43
DM24.12_DSP02_V2.01_v1.bin	162k	V2.01	v2.43
DM24.12_MCU01_V2.01_v1.bin	1495k	V2.01	v2.43
DM24.12_MCU02_V2.01_v1.bin	53k	V2.01	v2.43
DM24.12_MCU03_V2.01_v1.bin	30k	V2.01	v2.43
DM24.12_MCU04_V2.01_v1.bin	30k	V2.01	v2.43
DM24.12_MCU05_V2.01_v1.bin	768k	V2.01	v2.43

4.4 The machine will automatically update each file.

A screenshot of the file display status screen showing the progress of the firmware update. Each file in the table has a progress bar to its right. The progress bars for 'DM24.12_DSP01_V2.01_v1.bin', 'DM24.12_DSP02_V2.01_v1.bin', 'DM24.12_MCU01_V2.01_v1.bin', and 'DM24.12_MCU05_V2.01_v1.bin' are at 100%. The progress bar for 'DM24.12_MCU02_V2.01_v1.bin' is at 64%. The progress bar for 'DM24.12_MCU03_V2.01_v1.bin' is at 31k. At the bottom left of the screen, the text 'Checksum OK' is displayed.

File Name	Size	Progress
DM24.12_DSP01_V2.01_v1.bin	158k	100%
DM24.12_DSP02_V2.01_v1.bin	163k	100%
DM24.12_MCU01_V2.01_v1.bin	1496k	100%
DM24.12_MCU02_V2.01_v1.bin	54k	64%
DM24.12_MCU03_V2.01_v1.bin	31k	31k
DM24.12_MCU04_V2.01_v1.bin	31k	31k
DM24.12_MCU05_V2.01_v1.bin	769k	100%

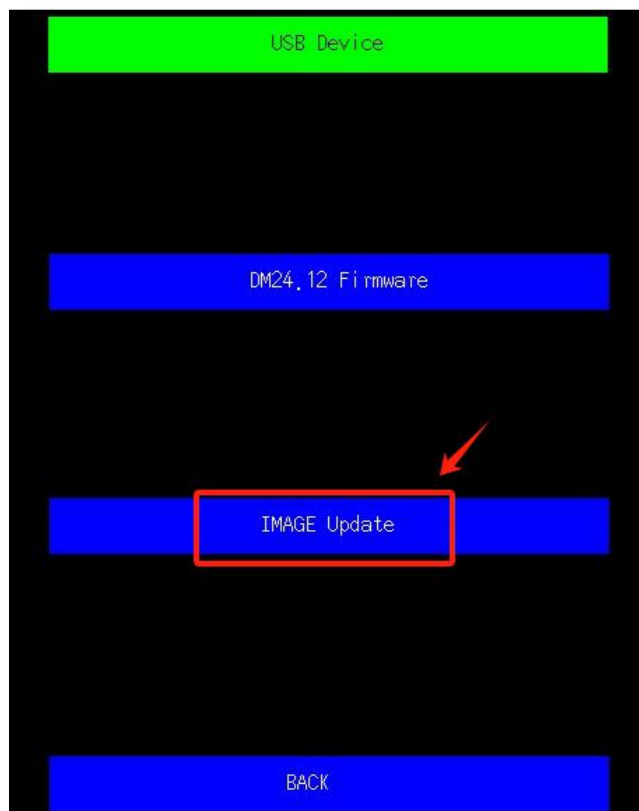
Checksum OK

★ After all files are 100% completed, it will restart automatically.

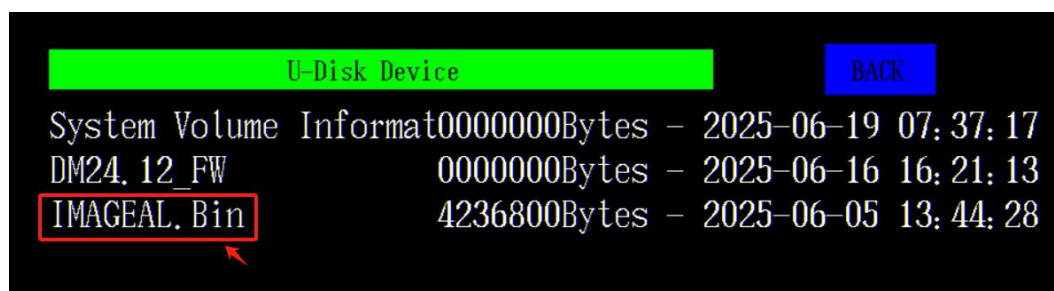
5. Step 2: GUI update

* enter the update mode。 (Refer to Points 1 to 3)

5.1 Select GUI update



5.2 Select the file



5.3 Erase the files first,

then go into the update. (The process takes about 30 minutes)

When the update progress bar shows 100%, the update is completed. The machine restarts automatically.

(All processes are completed automatically, no operation required)

