

# KAWAI MP4 Version 2.12

This is the Update Version 2.12 for the Kawai MP4.  
How to do it:

## 1. Updating

You need a PC or MAC with a MIDI sequencer software and a MIDI interface or USB. Make sure that MIDI data can be send to the correct MIDI OUTPUT. In many software programs you must first set the right MIDI Output first. If you don't know how to do it, please ask the maker of your software. You may also use the Windows MediaPlayer. Before using, please set the default MIDI device in the Control Panel to the proper MIDI Out, because MediaPlayer uses this default driver for playback. (Usually the Wavetable GS driver is default.) Via USB, please select the Windows driver "USB-Audio-Device". Open the first MIDI file (**mp4\_v212.mid**) with this software and set the track MIDI channel to 1. Make sure that your software has no activated SYS-EX filters. When using MediaPlayer no setting are needed. (Hint: Cubase Version SX 1 or higher has problems in sending SYS-EX data and therefore cannot be used! Cubase VST32 etc. works.)

### Step 1:

Decide to use USB or MIDI IN jack for the update.

#### **Via MIDI IN:**

Hold the **buttons 6, 7 and 8 in the lower row** and turn power on.

The display shows:

Flash Programing  
wait command

#### **Via USB:**

Hold the **buttons 6, 7 and 8 in the upper row** and turn power on.

The display shows:

Flash\_Programing  
wait command

Step 2:

IMPORTANT:

1.  
Set the playback tempo of your sequencer to 70 BPM, because any higher tempo may cause data loss.  
When using MediaPlayer this is not needed.
2.  
Turn off your screen saver!
3.  
Never interrupt the transmission of data.

Step 3:

Start the playback. (MediaPlayer automatically starts after you loaded the MIDI file.) The MP4 display shows first ERASE and then "Data Packet" with a hex counter running. After the transmission "End of File" appears. The whole transmission may take a few minutes.

Step 4:

Turn off the MP4 and ON again. Done. To check the version number hold the button "Store" while power on until the display shows the version number. If something went wrong, just repeat the whole procedure.

## 2. Changes and bugfixes in V2.12 (compared with all versions older than 2.00)

### 1. Half damper curve

The half damper curve was optimized in combination with the usage of optional the pedal F-20.

### 2. Rotary Speed on Expression Pedal

One setting was added to the [MENU]. You can select EXP CC# = RTR. Now it is possible to change the Rotor Speed Slow/Fast by using the expression pedal.

### 3. New "Setup Increment" function

The FootSW is now usable for the switchover of SETUPS. In [SYSTEM] you will find now the parameter FootSW with the values „Normal“ and „Setup+“. The setting „Normal“ assigns the function which is selected in [COMMON] in the respective setup. The setting „Setup+“ allows following new function:  
Through pressing the footswitch the MP4 switches from the current Setup to the Setup on the next place.  
Example: Setup 1 – 1 is currently selected ... now press the footswitch ... the Setup changes to the Setup 1 – 2 ... etc.  
Of course the originally assigned function of FootSW in the setup will not be used.

### 4. Expansion of Setups

The number of setups was increased from 64 to 256 (4 banks with 64 SETUPS each). Therefore the parameter „Setup Bank“ was added in [SYSTEM]. Here you can choose between the banks 1 to 4. The changing is going to become active if a new Setup is selected (after the selection of the bank).

Ex.: If you want to copy/save a SETUP from bank 1 to 4, proceed the following instructions:

- ➔ Select the bank and the Setup which you want to copy/save.
- ➔ Now press the button SYSTEM and then the button MENU /\ to select the parameter „Setup Bank“.
- ➔ Select bank 4 by using the VALUE-buttons.
- ➔ Now press the button STORE and proceed as usual.

5. The setting of button SW will be kept after power off

With the parameter Init.SW in [SYSTEM] now it is possible to assign an available function permanently to the SW-switch. The function will also be kept after turning off and again on the MP4. The default setting is „PANEL LOCK“.

6. New function „SAVE EFX/REVERB“

A new function „SAVE EFX/REVERB“ was added to the MP4 in [SYSTEM]. Due to this it is now possible to save own effect settings to each sound in Sound Mode.

7. New tuning for Concert Grand 1 sound

A new „stretched“ tuning was programmed for the Concert Grand 1 sound. The sound became more compact and better sounding.

8. Optimized tone generator assignment

Improves the efficiency of the tone generator assignment when damper pedal is used.

9. Changing parameters of SETUPS after pressing keys

With older versions it could happen, that switching from one setup to another setup while keeping keys pressed, creating an unexpected sound change, because the parameters Cutoff, Panpot, Finetune, Bendrange and Voicing are already changed. With version 2.10 these parameters will not change until you press a new key after switching to a new Setup.