

Updating the Alpha Base Mk II OS via SD card

1. Download the most recent file „AlphaMk2.bin“ at <https://www.jomox.de/upload/updates/AlphaMk2.bin> to your computer. You can also find the file in the product area of the website if you scroll down to the update files. Copy this file to the root directory of the SD card.

2. Insert the SD card to the Alpha Base Mk II. Press **(DISK)**.

The display shows:

```
WAV found: 259 Target: 001
ABWV0001.raw _ _ _ Load = Ent
```

If the disk does not open at first, take out the SD card , push it in again and try again. Sometimes the unit has to warm up a bit to read the SD card properly. With every try first take out the card and push it in again.

3. Go right with the cursor until the display shows:

```
Load OS System File
AlphaMk2.bin _ _ _ Load = Ent
```

4. Now press **(Enter)**. The display shows:

```
Attention OS Update!
Are you sure? Load = Ent
```

5. Now press **(Enter)** again. The updating process starts and the system file gets copied to flash memory. During this process, you **MUST NOT** turn off the Alpha Base Mk II! After a few seconds the display reads:

```
Programming finished
Turn unit off and on
```

6. Now please turn the Alpha Base Mk II off and on again and see the new version number in the display.

Please note that, after updating, the global settings like preset no. are reset to default. Pressing STO KIT writes the actual global settings to permanent memory again. That's it.

Updating the Alpha Base Mk II Panelboard CPU OS via SD card

1. The Alpha Base MkII has a separate panel board CPU that performs the scanning of encoders and buttons, processes the RGB LEDs and the OLED graphics display.

Download the most recent file „ABSYSpan.bin“ at <https://www.jomox.de/upload/updates/ABSYSpan.bin>

to your computer. You can also find the file in the product area of the website if you scroll down to the update files. Copy this file to the root directory of the SD card.

2. Insert the SD card to the Alpha Base Mk II. Press **(DISK)**.

The display shows:

```
WAV found: 254 Target: 001
ABWV0001.raw _ _ _ Load = Ent
```

If the disk does not open at first, take out the SD card , push it in again and try again. Sometimes the unit has to warm up a bit to read the SD card properly. With every try first take out the card and push it in again.

3. Go right with the cursor until the display shows:

```
Load Panel CPU OS file
ABSYSpan.bin _ _ _ Load = Ent
```

4. Now press **(Enter)**. The display shows:

```
Panel CPU OS Update!
Are you sure? = Ent
```

5. Now press **(Enter)** again. The updating process starts and the system blocks get copied to the panel board CPU memory.

```
Front Panel OS Transmission
```

The step LEDs light up in violet indicating the blocks that count up. After a couple of seconds, the red LEDs start flashing and the actual updating takes place:

```
Executing Flash OS
Write to memory & reset
```

During this process, you **MUST NOT** turn off the Alpha Base Mk II!

6. Now the display shows

```
Panel Board CPU ver 1x
```

You can press e.g. KIT/SEQ now and the normal display will appear. You can continue to work with the Alpha Base MkII now without rebooting. That was it.

NOTE:

If, for some reason, the internal transmission failed and for instance this error message appears:

```
Front Panel OS Transmission  
Missing Blocks Error  
Expected:009 Received:008  
Dump Reception Cancelled
```

Don't worry, just turn off and on the machine and do the Front Panel OS updating again.