

# **Gekkota device USB format or USB recovery User guide**

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## 1 Introduction

The goal of this document is to explain how to restore a Gekkota device whose storage file system has been corrupted.

There is 2 ways to restore your device

- USB format (restore to factory settings):
  - Re-install the software version (and also the boot libraries required to boot properly)
  - Format the file system,
  - Restore WebUI to default configuration (network configuration as well),
  - **Erase the device license,**
  - **Erase user preferences,**
  - Display the test card
- USB recovery:
  - Re-install the software version (and also the boot libraries required to boot properly)
  - If corrupted, format the file system (else do nothing)

## 2 USB Format

Attention: the device licence will be lost and user preferences as well !

- Download from support site the zip archive **USB format** for your platform
- Unzip the archive **USB format** at the root of the USB stick (FAT32). 3 files: should be then present on the USB stick :
  - ulnitr,
    - ulimage,
    - ulimage.dtb

1. Unplug the device Gekkota power supply
2. Insert the USB stick in the « **USB1** » USB connector
3. Plug the device Gekkota power supply. **Wait for about 5 minutes\*...** (the time to format the disk and copy the software from USB to Gekkota device)
4. **When the green led is switch off\*\***, unplug the power supply, remove the USB stick, and plug again the power supply. **Wait about 5 minutes\*...** (the time for the software to be installed on the Gekkota device)
5. Result : the test card is displayed (displaying « **Invalid license** »). Connect to the WebUI of the Gekkota device with IP address 192.168.0.2 (or with the device IPV6 address) to inactivate the test card (maintenance > tools), enter your proper network configuration, and enter your device licence.

*\*average time noticed depending on the device type*

*\*\* never unplug power supply when green led is displayed continuously*

### 3 USB Recovery

- Download from support site the zip archive **USB recovery** (for your platform)
- Unzip the archive **USB recovery** at the root of the USB stick (FAT32). 3 files: should be then present on the USB stick :
  - ulnitrd,
  - ulImage,
  - ulImage.dtb
- 

1. Unplug the device Gekkota power supply
2. Insert the USB stick in the « **USB1** » USB connector
3. Plug the device Gekkota power supply. **Wait for about 5 minutes\*...** (the time to repair or format the disk and copy the software from USB to Gekkota device)
4. **When the green led is switch off\*\***, unplug the power supply, remove the USB stick, and plug again the power supply. **Wait about 5 minutes\* ...** (the time for the software to be installed on the Gekkota device)
5. Result : the device is recovered.

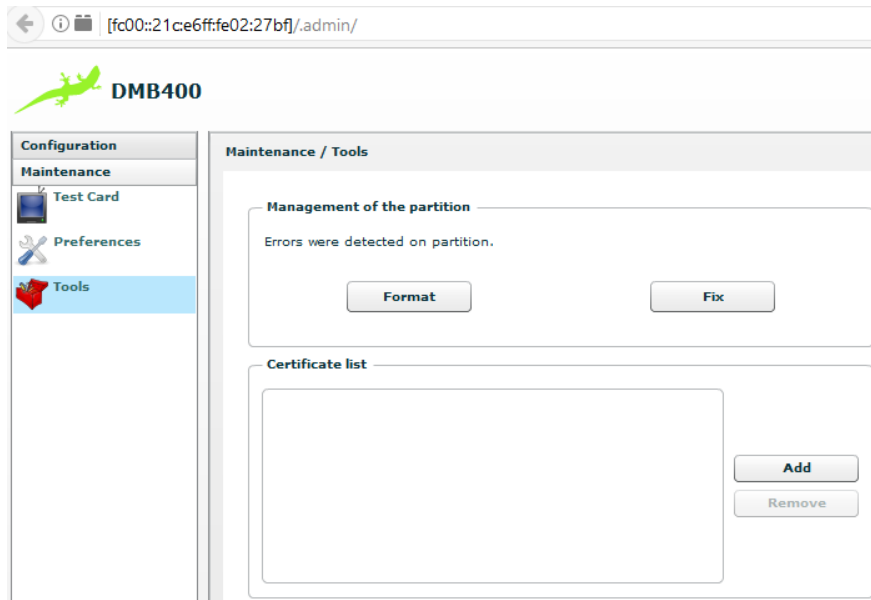
*\*average time noticed depending on the device type*

*\*\* never unplug power supply when green led is displayed continuously*

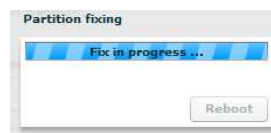
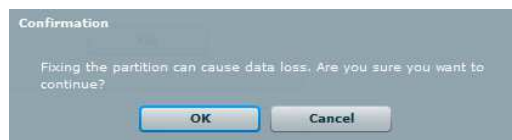
## 4 Appendix

### 4.1 WebUI > Maintenance > Tools > Format

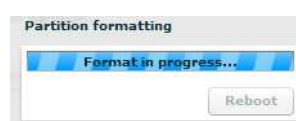
In case file system corruption, it is possible to use also the button **Maintenance > Tools > “Format”** and **Maintenance > Tools > “Fix”** should be active on the WebUI of your device (if at least one device reboot has occurred after the file system corruption).



- Try first to repair your file system by pressing **Maintenance > Tools > “Fix”** button. If this action is successful, reboot the device then the payout should be played properly



- If the previous action is not successful (the screen above never disappears and), press F5 on your Web browser to reload the WebUI, and erase your file system by pressing **Maintenance > Tools > “Format”** button to. Afterwards, system scene “Information: No Content” should be displayed



*Note for DMB400: Indeed, given that Gekkota\_os V4.10.10 beta99 (and below) does not support the tools “**Fix**” (Check Disk) and “**Format**” in WebUI/maintenance/tools, and does not support properly the system scene below, in case storage file system corruption, the device could not stop rebooting, some medias could not be played anymore (content temporarily unavailable). It is possible to restore a DMB400 with the USB format version V4.10.10 beta99. But the same problem could be faced afterwards. So it is recommended to use a USB format (or recovery) whose version is greater.*

