

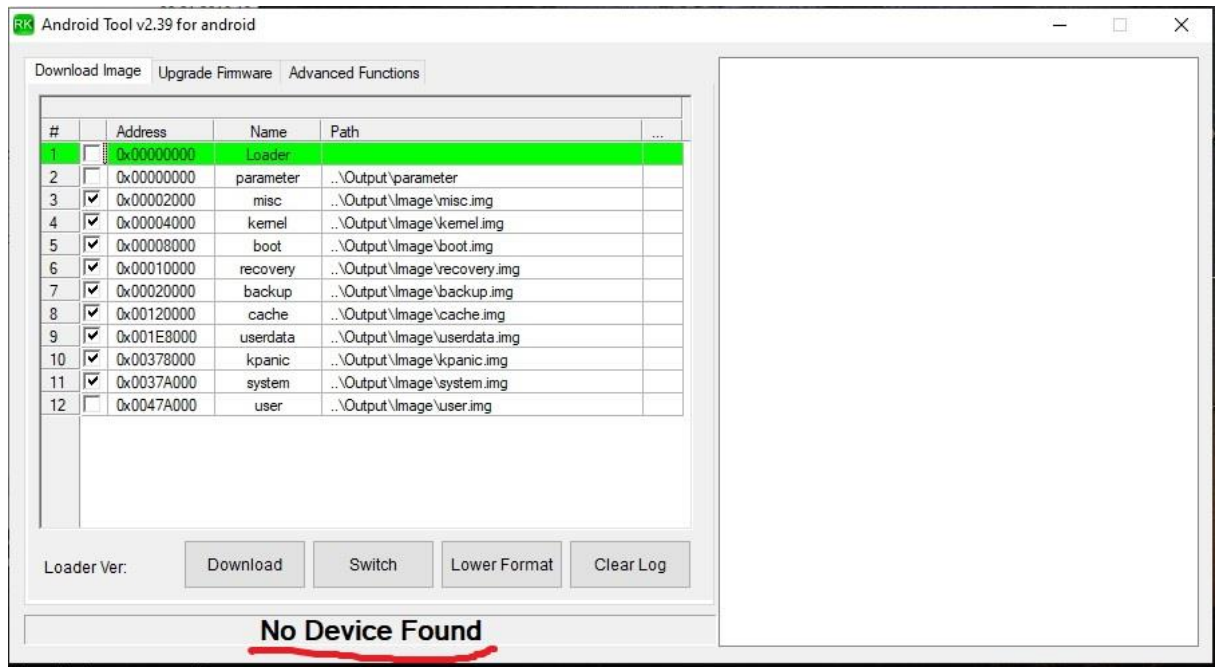
## Create your own dump files.

1.

rkDumper\_105\_obc67+debug /

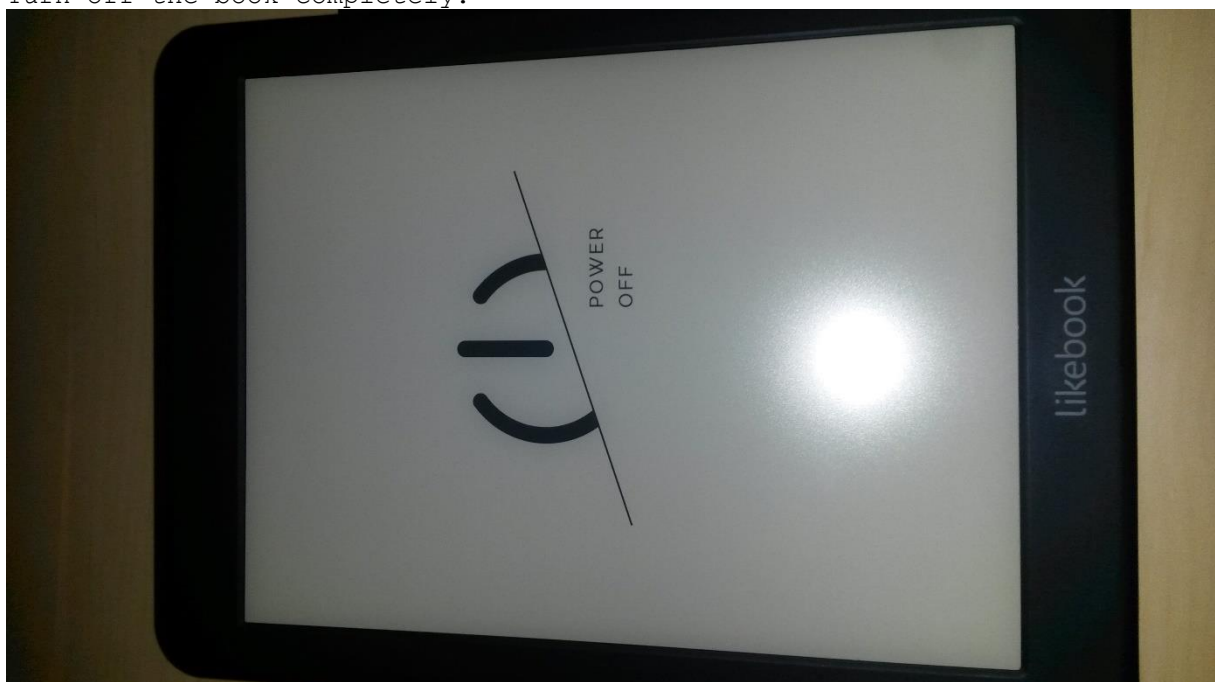
Run „DriverInstall.exe” to install the drivers  
(RK\_Driver\_Assistant\_4.5\_bernado\_mod / DriverInstall.exe)

Run “AndroidTool.exe” (RK\_Android\_Tool\_2.3.9\_bernado\_mod / AndroidTool.exe)  
to check how the device is determined.

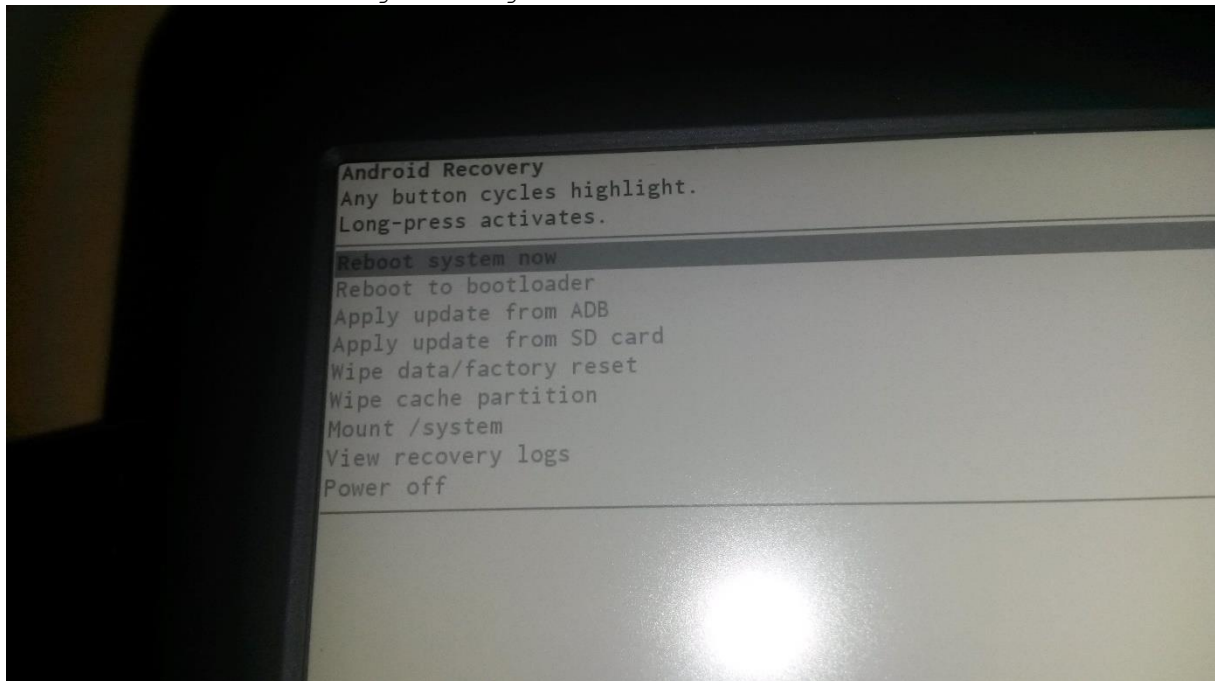


2. (1)

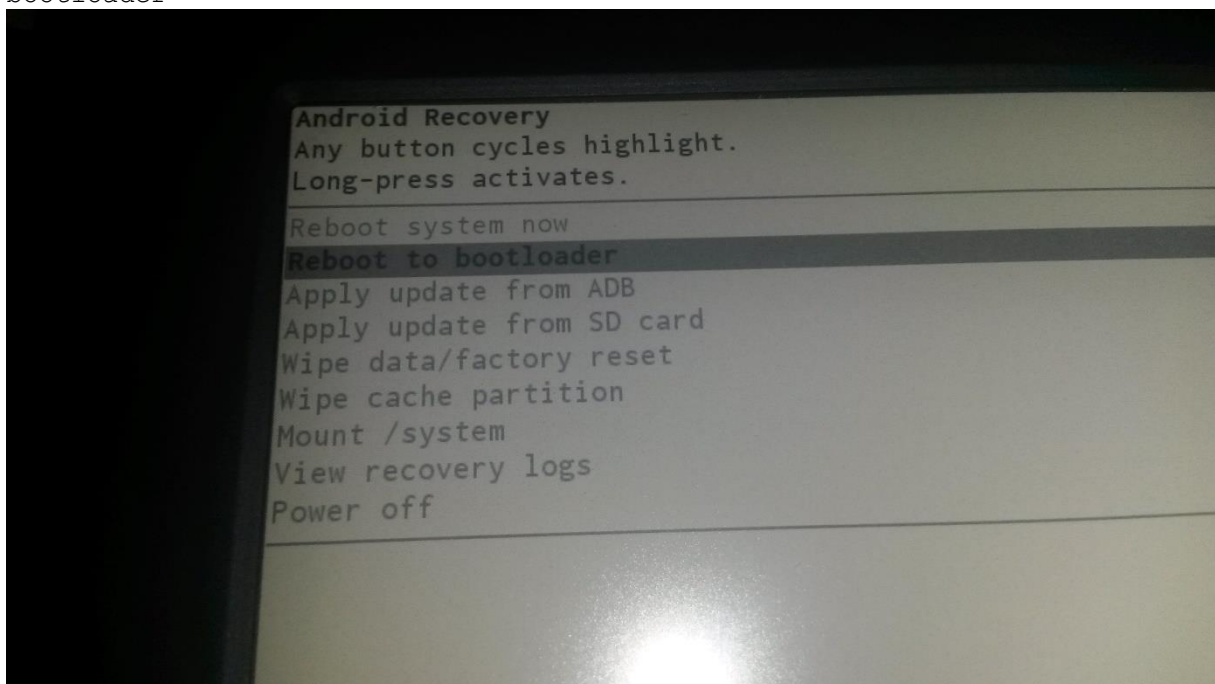
Go to the Recovery menu on Likebook Mars:  
Turn off the book completely.



Hold reset button. Press Power Button for approx. 3 seconds.  
Screen starts flickering - let go reset button.

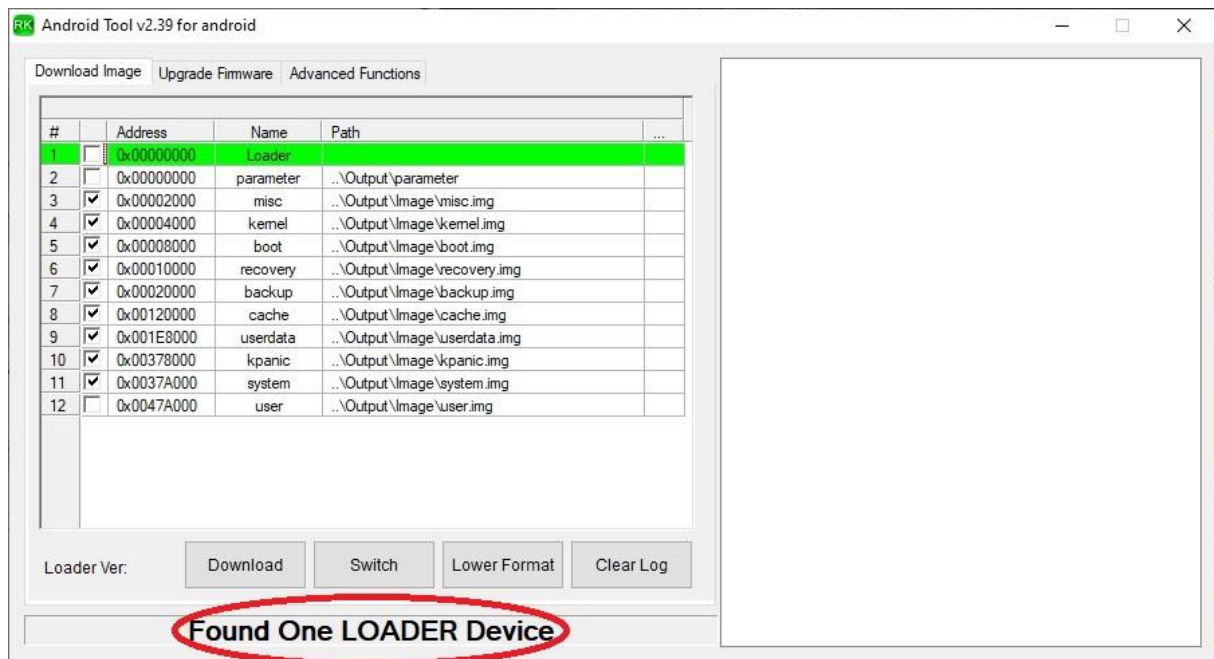


We connect the LB Mars with a cord to the PC.  
At this point, the cursor will automatically move down a step to "Reboot to bootloader"



Press the Power button button.

If the drivers are installed correctly in AndroidTool.exe, the device must be detected Found One LOADER Device:

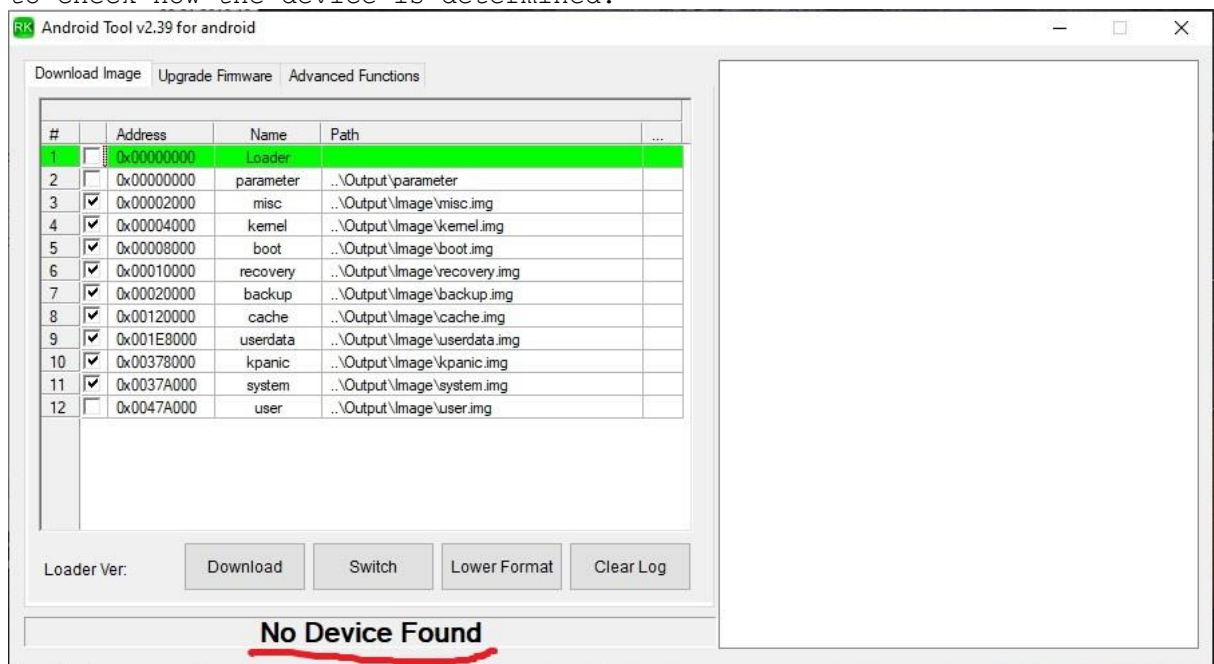


## 2. (2)

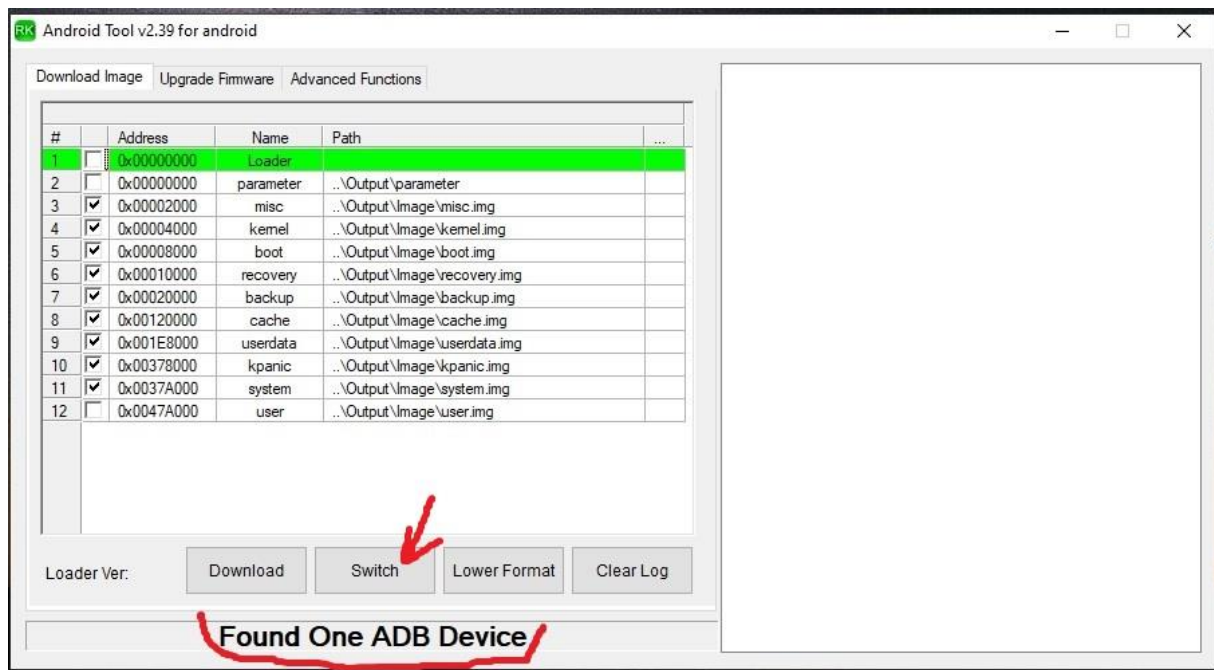
If the EReader is working, step 2 can be done like this:

In the settings of Likebook Mars, enable Developer Options and enable USB debugging.

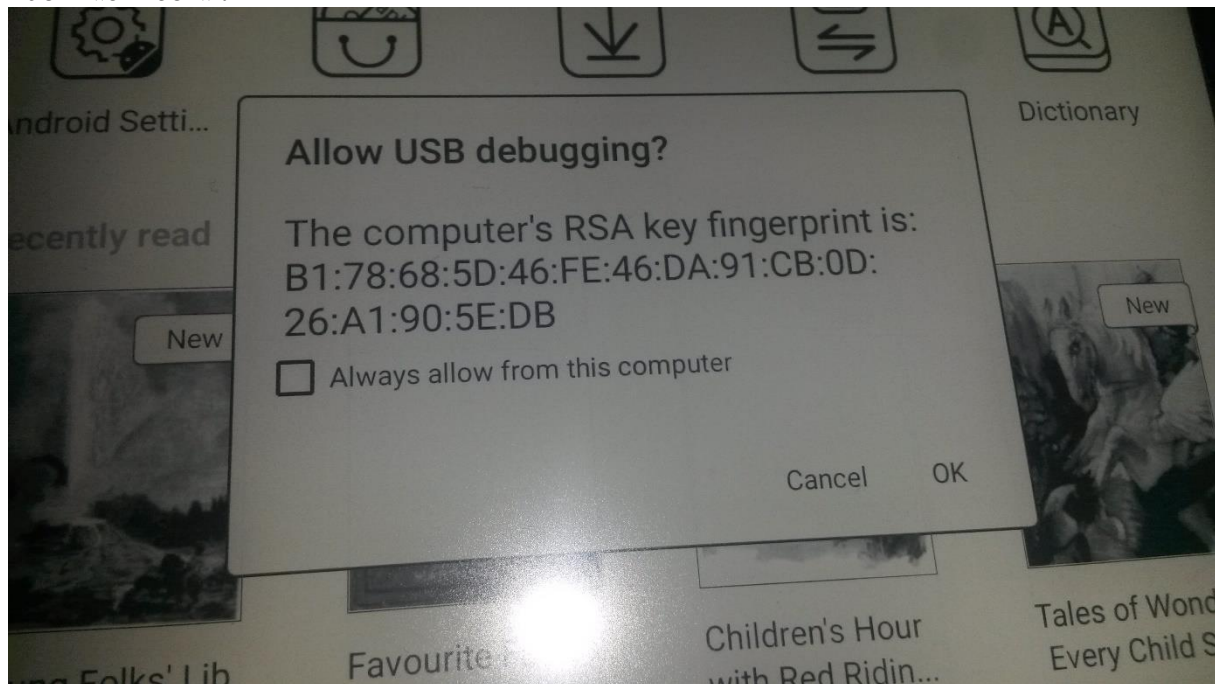
Run "AndroidTool.exe" (RK\_Android\_Tool\_2.3.9\_bernado\_mod / AndroidTool.exe) to check how the device is determined.



We connect the book with a cord to the PC.

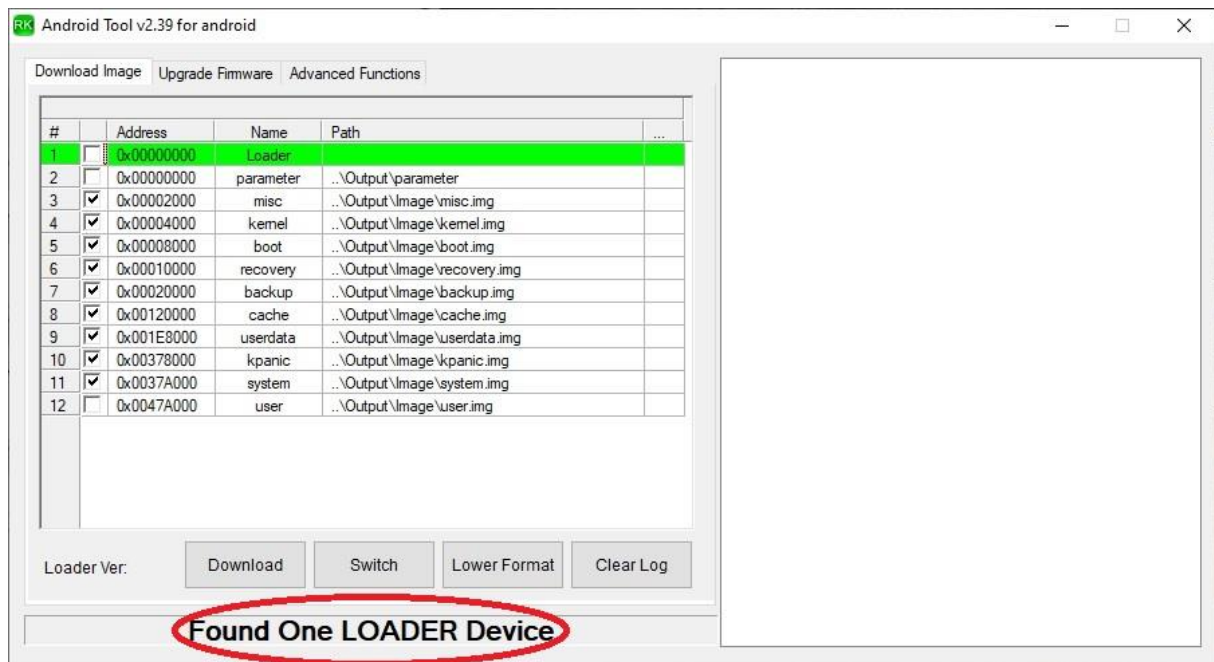


Push «Switch».



3.

If the drivers are installed correctly in AndroidTool.exe, the device must determine Found One LOADER Device:



4.  
Now right-click on the file / RUNME\_as\_admin\_to\_dump\_DEBUG.bat and run as administrator.

```

C:\WINDOWS\System32\cmd.exe

.
.  Batch file for rkDumper tool by RedScorpio
.  tested for Onyx Boox RockChip ereaders
.
.  Before using rkDumper:
.  - Install drivers with DriverAssistant
.  - Connect your reader to the pc
.  - Make sure you run this batch file with admin privileges
.
.  More info on rkDumper in ReadMe.txt
.
.
-----
Press any key to dump firmware with rkDumper in "/log /debug /test" mode
or close the window to exit
Drücken Sie eine beliebige Taste . . .

```

Press any button.



```
C:\WINDOWS\System32\cmd.exe

boot      = 0x0001c000 : 0x00010000
recovery   = 0x0002c000 : 0x00010000
backup     = 0x0003c000 : 0x00038000
cache      = 0x00074000 : 0x00040000
kpanic     = 0x000b4000 : 0x00020000
system     = 0x000b6000 : 0x00300000
metadata   = 0x003b6000 : 0x00008000
baseparamer = 0x003be000 : 0x00020000
radical_update = 0x003c0000 : 0x00020000
userdata   = 0x003e0000 : -----
Memory dump "FlashInfo.bin" saved; length = 11 (0x0000000b)
FlashInfo
Manufacturer: Samsung (0x00)
Flash size: 14910MB (0x01d1f000)
Full size: 14910MB (0x01d1f000)
Block size: 512KB
Page size: 2KB
ECC bits: 0
Access time: 40
Flash CS: 0 (0x01)

Partition "uboot" (0x00020000)      saved (format: Rockchip uboot image file)
Partition "trust" (0x00020000)     saved (format: unknown)
Partition "wbf" (0x00020000)       saved (format: unknown)
Partition "misc" (0x00020000)      saved (format: unknown)
Partition "resource" (0x00008000)   saved (format: Rockchip resources image file)
Partition "kernel" (0x0000a000)     saved (format: RockChip KRNL signed file)
Partition "boot" (0x00010000)       saved (format: Android boot image)
Partition "recovery" (0x00010000)   saved (format: Android boot image)
Partition "backup" (0x00038000)
```

```
C:\WINDOWS\System32\cmd.exe

Partition "uboot" (0x00020000)      saved (format: Rockchip uboot image file)
Partition "trust" (0x00020000)     saved (format: unknown)
Partition "wbf" (0x00020000)       saved (format: unknown)
Partition "misc" (0x00020000)      saved (format: unknown)
Partition "resource" (0x00008000)   saved (format: Rockchip resources image file)
Partition "kernel" (0x0000a000)     saved (format: RockChip KRNL signed file)
Partition "boot" (0x00010000)       saved (format: Android boot image)
Partition "recovery" (0x00010000)   saved (format: Android boot image)
Partition "backup" (0x00038000)     saved (format: unknown)
Partition "cache" (0x00040000)      saved (format: ext4 image)
Partition "kpanic" (0x00020000)     saved (format: unknown)
Partition "system" (0x00300000)     saved (format: ext4 image)
Partition "metadata" (0x00008000)   saved (format: ext4 image)
Partition "baseparamer" (0x00020000) saved (format: unknown)
Partition "radical_update" (0x00020000) saved (format: unknown)
Partition "userdata"                skipped

-- Rockchip device resetting --

!!! Test pos #1
Found LOADER Rockchip device

Command to reset sent successfully

Configuration file for RKAndroidTool v.1.xx (8-bit) created
Configuration file for RKAndroidTool v.2.xx (16-bit) created

===== [ STOP ] =====
Drücken Sie eine beliebige Taste . . .
```

Dump files will be removed in a few minutes and appear in the / Output folder.

The device will automatically reboot.

Press any button.