

FIRMWARE UPDATE INSTRUCTION

(utility ver. 1.23)

This way of FW upgrade/restoration allows force upgrade, even in case of mismatch of the device article and FW file version. Please mind the original article when performing the update. It could be found on a back cover of the device as well as on its package box (see pics below)



Model name on a back cover

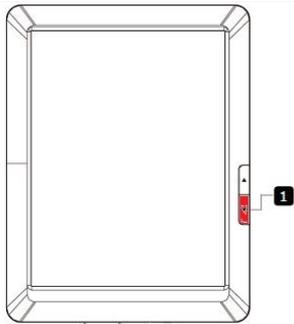


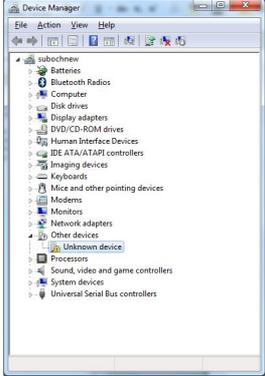
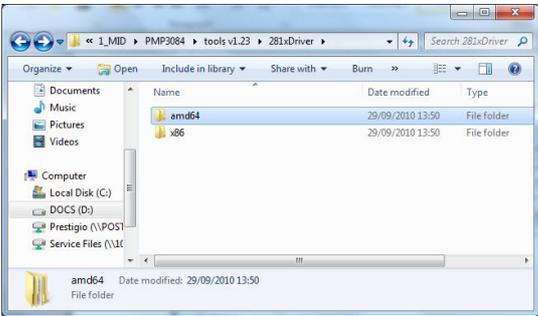
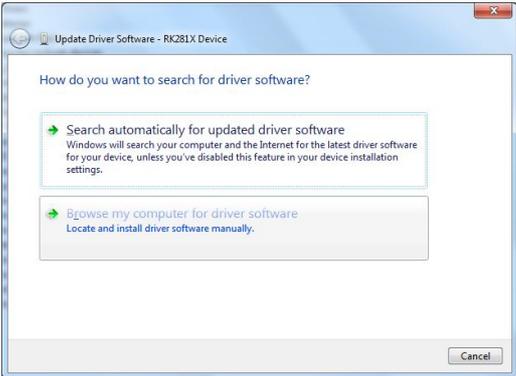
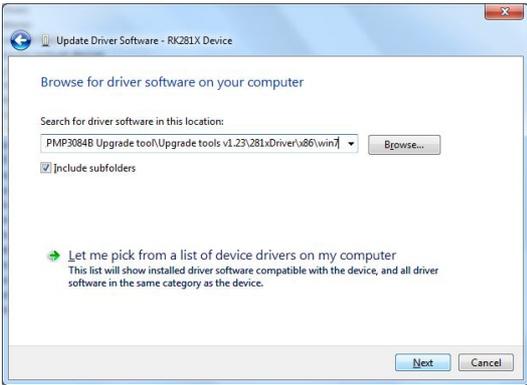
Model name on a package box

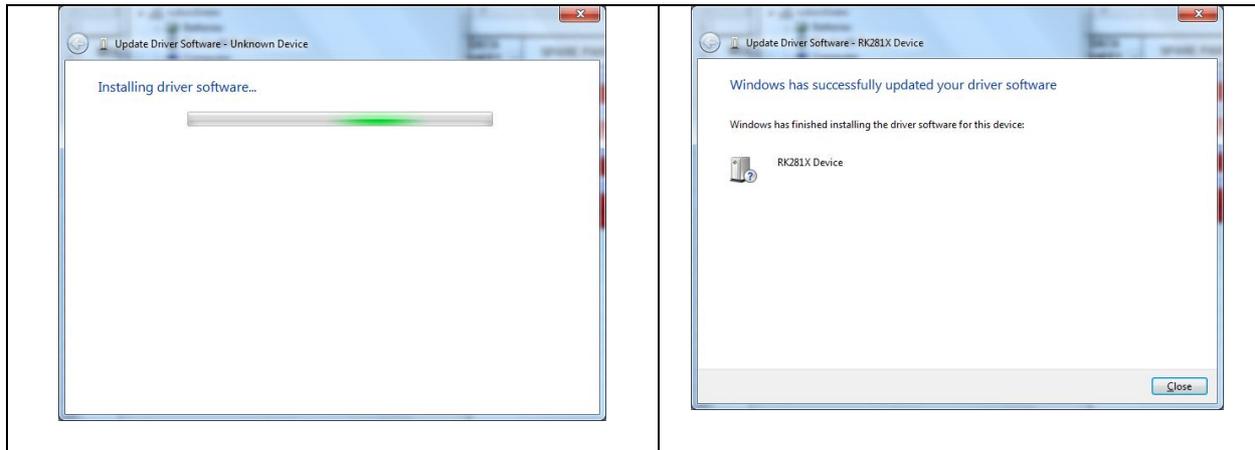
The upgrade procedure contains of 2 stages:

- **USB RK282x driver installation** (should be installed just once, at 1st connection)
- **FW update**

DRIVER INSTALLATION

1	<p>Please, unpack the PMP3084B FW update utility you PC.</p> <p>Make sure the PMP3084B is completely switched off and NOT connected to USB.</p>	
2		<p>Press a PAGE DOWN button (#1, marked with red on a picture)</p> <p>Keep the button pressed and connect the device to the PC</p> <p>Release the PAGE DOWN button</p>

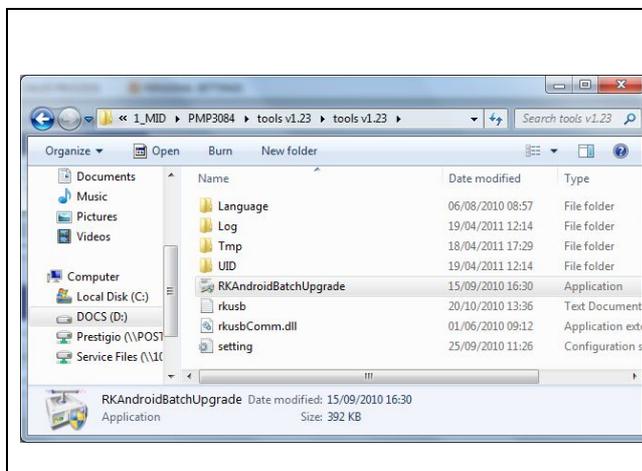
<p>3</p>		<p>The system will report a new device and offer to install the driver for this one.</p> <p>IF there is no NEW DEVICE FOUND notification – pls check the Device Manager for a new device(Scan for Hardware Changes could help) right-click on the RK281X Device, select Update Driver Software)</p>
<p>4</p>		<p>The set of available drivers could be found in /281xDriver folder of the FW Update Utility package.</p> <p>There are available drivers both for 32 and 64-bit systems (folders/281xDriver/amd64 and 281xDriver/x86 respectively. We advise to use 36-bit ones as some compatibility issues were reported for 64bit drivers.</p>
<p>5</p>	<p>The driver setup procedure is generic for all the Window systems, the screenshots below illustrate the process.</p>	
		



FIRMWARE UPDATE

Please refer to MID Business Development Manager for newest FW file for production/rework operations.

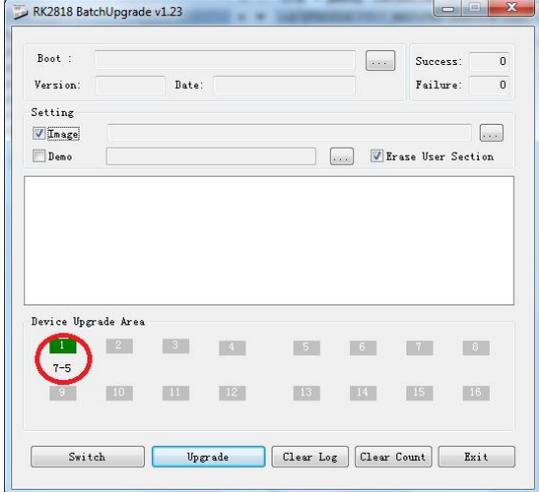
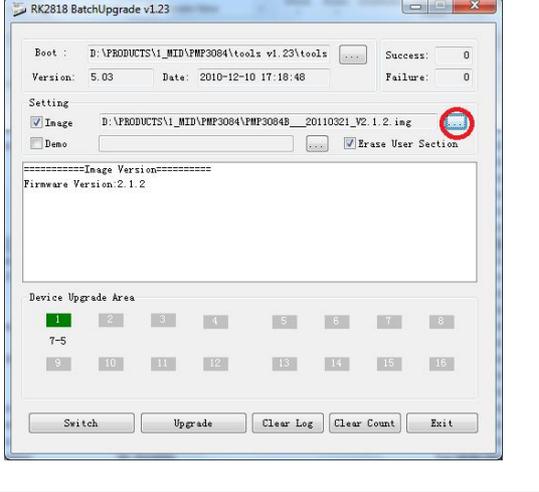
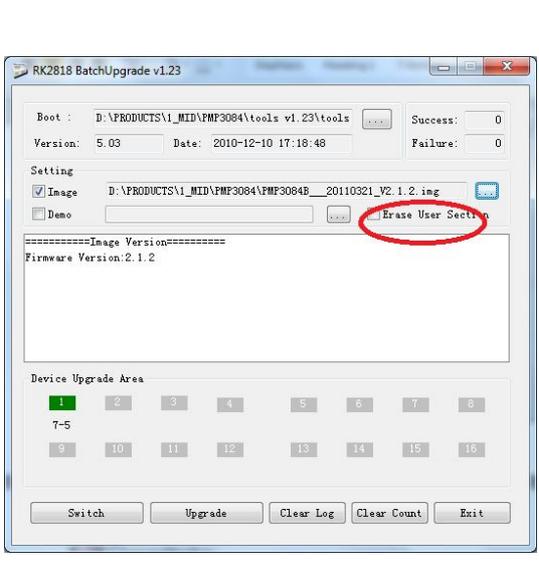
Actual FW for warranty service use is available at
<http://service.prestigio.com/TABLET/PMP3084/FIRMWARE/>

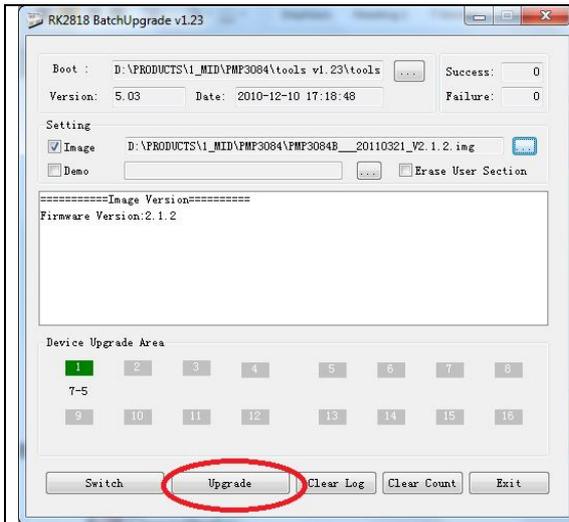


Please connect the PMP3084B to USB AS DESCRIBED IN CHAPTER 2 OF **DRIVER INSTALLATION** OPERATION: switch off the PMP3084B, press the Page Down button, connect USB cable.

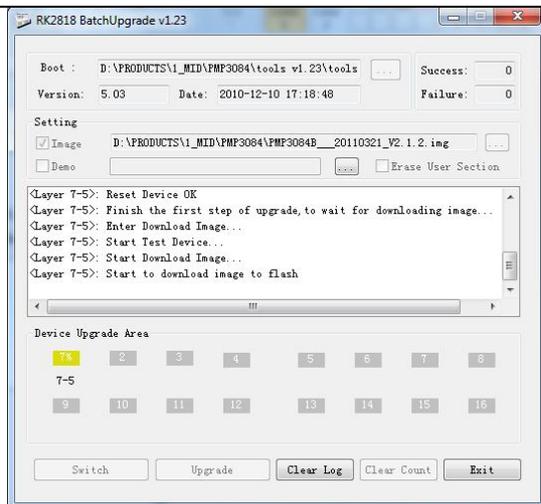
Run the FW update utility

`.../toolsv1.23/RKAndroidBatchUpgrade.exe`

 <p>The screenshot shows the 'RK2818 BatchUpgrade v1.23' application window. The 'Device Upgrade Area' at the bottom contains a grid of 16 numbered boxes. Box 1 is highlighted in green, and a red circle is drawn around it. Other boxes are greyed out. The 'Erase User Section' checkbox is checked.</p>	<p>The respective box at Device Upgrade Area will have GREEN color.</p> <p>This mean the device is connected properly and is ready for FW update.</p> <p>NOTE: The possible solutions for the situation that no GREEN box appears are:</p> <ul style="list-style-type: none"> - re-install the RK281x driver, - connect the device to another USB port - check the USB cable and replace it if necessary
 <p>The screenshot shows the 'RK2818 BatchUpgrade v1.23' application window. The 'Image' checkbox is checked, and the path 'D:\PRODUCTS\1_MID\PMF3084\PMF3084B__20110321_V2.1.2.img' is entered. A red circle is drawn around the 'Browse' button to the right of the path field. The 'Device Upgrade Area' shows box 1 is green.</p>	<p>Please set the path to the FW file by pressing the button marked with red. The utility will recognize the FW version as well as boot loader version info</p>
 <p>The screenshot shows the 'RK2818 BatchUpgrade v1.23' application window. The 'Erase User Section' checkbox is now unchecked and is circled in red. The 'Device Upgrade Area' shows box 1 is green.</p>	<p>Uncheck the checkbox Erase User Section in order to keep all the user info, data and 3rd party software.</p>



Press Upgrade button



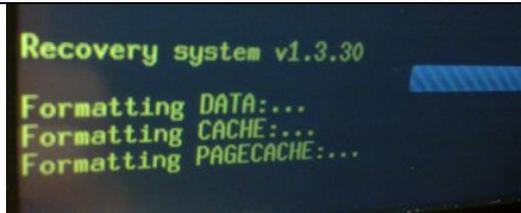
The upgrade process starts.
Do not disconnect the USB cable during the upgrade process



As soon as the FW re-flash process will be over the box in Device Upgrade Area will be GREY

Log will state that Upgrade is over.

As soon as this operation is over the PER3084B will restart automatically



After the restart the device will re-format the DATA and CACHE partitions, it will take about 3-5 minutes

After the initial touchscreen calibration, locale selection and setup the update process is finished