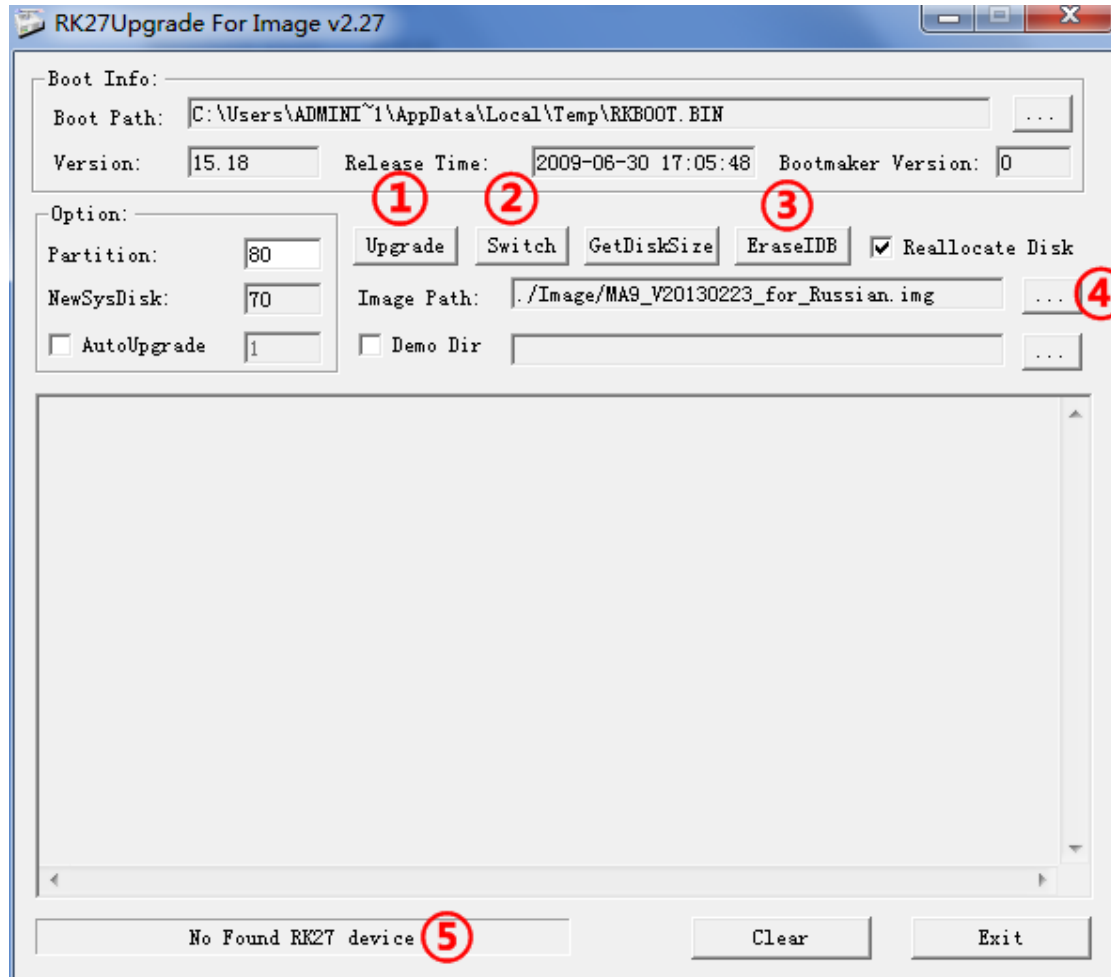


HIFI E.T MA9 Firmware upgrade method

1. Upgrade tool introduction:



- ① Press this button will upgrade the selected Firmware image when a “RK27 Loader Device” or “RK27 MaskRom Device” found.
- ② When a “RK27 MSC Device” found, press this button will switch the device to “RK27 Loader Device”, you must switch to this mode to do upgrade operation.
- ③ When a “RK27 Loader Device” found, press this button will erase the boot loader and enter MaskRom mode, if erase successfully, a “RK27 MaskRom device” will be found.
- ④ Press this button to select the firmware image.
- ⑤ This area indicate the device information:
 - No Found RK27 device
 - Found RK27 MSC Device → Can switch to “RK27 Loader Device” mode for upgrade
 - Found RK27 Loader Device → Can upgrade
 - Found RK27 MaskRom Device → Can upgrade

2. Upgrade method:

1. Connect the device through USB cable with PC, and enter "USB mass storage" mode.
A "RK27 MSC Device" will be found, see area ⑤.
2. Press "Switch" button(button ②) to switch to "RK27 Loader Device" mode, if this is the first time, you will need to install the driver, the driver is in the directory "MA9_Upgrade/RK27Driver".
3. Select the firmware by press the button ④ (It has been set to ".\Image\MA9_V20130223_for_Russian.img" as default).
4. Press "Upgrade" button(button ①) to upgrade the device, you can see follow message:

INFO:Download Boot Start

INFO:Download Boot OK

INFO:Test Device Start

INFO:Test Device OK

INFO:Download IDB Start

INFO:Download IDB OK

INFO:Reset Device Start

INFO:Reset Device OK

INFO:Test Device Start

INFO:Test Device OK

INFO:Download Image Start

INFO:Write image to flash,Image Size:61440K,Written:61440K

INFO:Check image,Total:61440K,Checked:61440K

INFO:Download Image OK,Elapsed(22948MS)

INFO:Upgrade OK