

# Upgrade PX5 units with Android 8 to Android9

## The requirements to upgrade your car stereo:

1. Its CPU needs to be PX5.
2. It is Android 8.0 OS.
3. MCU version must be MTCD/MTCE.
4. RAM more than 1GB.

## Needed files:

- Upgrade to Android 9.0 firmware(Upgrade\_to\_Android\_9.0.rar) :  
[https://mega.nz/#!QTJHCYIK!HKvPp\\_XuHEMZ2QKIIdM3h-4LiWNCIIWALrk6B11hT7E](https://mega.nz/#!QTJHCYIK!HKvPp_XuHEMZ2QKIIdM3h-4LiWNCIIWALrk6B11hT7E)
- Android 9.0 update firmware(update.zip) :  
[https://mega.nz/#!uOBRjlpD!xqE5LR9tpgJ88fo6OSoJAKudw9OY\\_EKqM2QWuq54akM](https://mega.nz/#!uOBRjlpD!xqE5LR9tpgJ88fo6OSoJAKudw9OY_EKqM2QWuq54akM)

## Upgrade steps:

- Unpack the archive Upgrade\_to\_Android\_9.0.rar
  - Insert the SD card into the card reader. It is desirable to use a small card, 2-4-8 GB.
  - Run Rockchip SD\_Firmware\_Tool.exe on a convenient Windows PC with a Micro SD card reader/writer connected to it. You must run the application as Administrator.
  - You do not need to switch any settings. Everything is set up.
  - Click the "Firmware" button and select the file bootcard.img
  - Click the "Create" button, then "Yes" and wait until the message with the "Ok" button appears.
  - Close SD\_Firmware\_Tool.
  - Copy the sdupdate.img file to this card, replacing the existing one.
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- Remove the SD card from the card reader and insert into the HU in the GPS slot.
  - Now you need to completely reboot the HU. This can be done by pressing the RST (Reset) button with a paperclip etc.
  - If the HU does not reboot, then this button (or the Power button) must be held down until the buttons backlight flashes. Then release.
  - As a last resort, you can disconnect and reconnect the power cable.
  - When the message "Doing actions succeeded. Please remove the SD card ..." appears, remove the SD card from the HU.

## HU will reboot in recovery Android 9.

- Insert the USB flash drive with the update.zip firmware file, which you can find in the archive from the "Download" section, into the USB connector of the radio. USB flash drive must be formatted in FAT32.
- We recommend pulling out all other flash drives, SD cards, modems and other devices from the radio jacks.
  
- Select the menu item "Apply update system" - "From USB storage"
- The firmware will be installed. (You can use the SD card for installation, but it will be slower.)
- Select the menu item "Wipe data/factory reset".
- The user data will be cleared.
- Select the menu item "Reboot system now".

The device will reboot in Android 9.