

Menaco - Men@co ®

Universal software package
to run third-party navigation software
in standard car multimedia and navigation systems



INSTALLATION INSTRUCTIONS

MENACO GEN1

for KIA and HYUNDAI



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SAFETY PRECAUTIONS!

1. For security reasons, and to avoid property damage, be sure to follow safety precautions when using the multimedia device (hereinafter referred to as the "headunit"), defined by the manufacturer or the dealer from whom you purchased the car.
2. Software installation or update shall be made with the engine running. During installation do NOT turn off the engine, do NOT drive the car, do NOT switch a neutral transmission into reverse (switch to rear camera)! These actions may cause interruption of installation and completely destroy the headunit.
3. Install the software and send the file to obtain a license key only on computers running Windows. MAC devices (iMAC when unpacking archives, iPhone when sending files) distort files and cause problems.
4. Prepare a blank USB stick on 4-32 GB (to store navigation maps, as well as your audio and video files). Familiarize the useful tips for [USB Stick](#).

4 MAIN INSTALLATION STEPS

The Menaco installation process to the GEN1 headunit consists of 4 main steps:

1. Check and update (if necessary) the current firmware version.
2. Download the installation files and unzip them to the USB stick.
3. Insert the USB stick drive into the USB connector of the car multimedia (automatic installation will start).
4. Receive the license key and copy it to the USB stick.

THE CURRENT FIRMWARE VERSION UPDATE

The current firmware version detection

Before you install Menaco, make sure that the current original firmware version is 7.7.4.

To do this, you must:

1. Turn on the headunit with a power button and wait until it is loaded fully.
2. Press and hold for 10 seconds the Gear button on the front panel of the headunit (if you have a car of 2010 or 2011, then the Setup button is instead of the Gear button).
3. The screen displays the current firmware version (in the line "Software Version: ...")



The current firmware version update

To update the current firmware version choose one option that suits you out of 5 possible below:

1. If the current firmware version is **lower than 5.1.3**, then first you need to update the current version to 5.1.3, and then to 7.4.5. After that update 7.4.5 to version 7.7.4. For updates use the Firmware Upgrade Instruction (see below).
2. If the current firmware version is **lower than 7.4.5**, then update it to 7.4.5. Then update the firmware 7.4.5 to version 7.7.4. For updates use the Firmware Upgrade Instruction (see below).
3. If the current firmware version is **lower than 7.7.4**, for example 7.5.A, 7.6.5, then update it to 7.7.4. To update use the Firmware Upgrade Instruction (see below).
4. If the current firmware version is **7.7.4**, then you do NOT need to perform any update, go to the INSTALL MENACO section below.
5. If the current firmware version is **7.8.3 or higher**, then downgrade the firmware to 7.7.4. To downgrade use the Firmware Downgrade Instruction (see below).

Firmware UPGRADE Instruction

- Download the appropriate file to your computer from the link below.
Original firmware 5.1.3 <http://narod.ru/disk/20298639001/навн.zip.html>
Original firmware 7.4.5 https://yadi.sk/d/ee_Y0D-zSui2qQ
Original firmware 7.5.8 <https://yadi.sk/d/6OBGDDJEiGmVX>
Original firmware 7.7.4
https://drive.google.com/file/d/1T_e4Kq8nqnXT0zUuQ8ntSHsWn48NmTt-/view?usp=sharing
- Unzip the archive file to the root directory of the USB stick.
- Start the engine of your car (DO NOT turn off during installation), turn on the headunit and insert the USB stick into the USB slot of the car.
- You will be prompted to update. Confirm to update.
- After a successful update, the radio will reboot and offer the update again. Click cancel.

Firmware DOWNGRADE Instruction

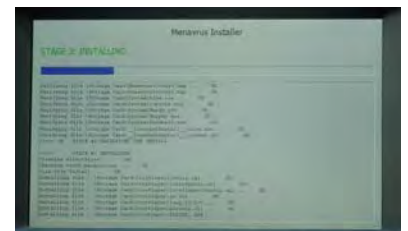
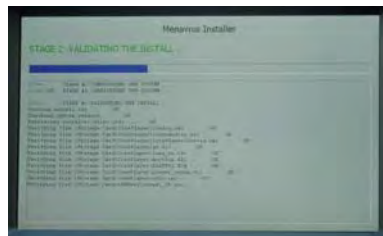
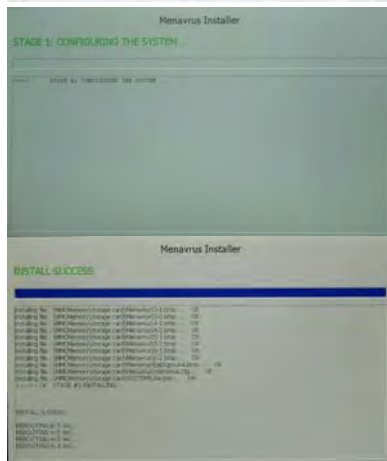
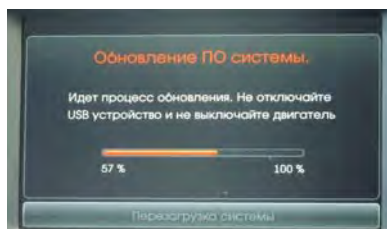
- To downgrade the firmware from ver. 8.2.3, 8.0.6, 7.9.4, 7.8.3 to ver. 7.7.4 use the following link and instructions <https://yadi.sk/d/ht33AgmmgOEprQ>
- Download the archive file force-7.7.4.rar to the PC.
- Unzip the archive file to the root directory of the USB stick.
- Start the engine (DO NOT turn off during installation), turn on the headunit and insert the USB stick into the USB slot of the car.
- Version 7.7.4 will be installed automatically (the following messages can appear in 10 seconds: "Update is not compatible! A new or identical version of the map has been found, click Accept" or "The firmware version for update is 9.9.9").
- Press OK, wait for the end of upgrade progress.

INSTALL MENACO

1. **ATTENTION! Installation of Menaco is only possible over the original firmware version 7.7.4!**
2. Unzip the archive file LG8900-LG2100-USB-xxx.rar (password for the archive: menaco) to the PC. Copy internal folders and files to an empty USB stick formatted in FAT32 and volume of not less than 4 Gb.
3. Unzip the archive file LG8900-2100-HMC-xxx.rar (for Hyundai) or LG8900-2100-KIA-xxx.rar (for Kia) to the PC (Note: xxx indicates the release number). Copy internal folders and files to the USB stick.
4. Check that after unpacking both archives, the following folders and files should be on the USB stick (in the root directory):

- 7ways
- Menavrus-install2
- NavitelContent
- RtNavi
- total
- Aberaham.exe
- Ige.upgrade
- UPGRADE
- UPGRADE.LGU

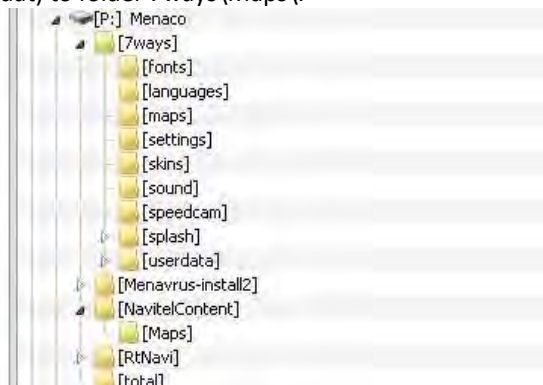
5. Start the engine, switch on the headunit and insert the USB stick into the slot next to the lever of the CPR.
6. If everything is done correctly, you will see the Menaco Installer message. Wait till completion of operation (the INSTALL SUCCESS message) and automatic reboot.



If the installer shows an error – turn off the ignition for 15 minutes (to reboot the headunit). Switch on the ignition. Switch on the headunit. Remove the USB stick and turn off the ignition. Send the menavrus-install.log file (this file is created automatically in the root directory of the USB stick) to e-mail support@menaco.by (technical support).

7. If the Installer does not show errors and the headunit rebooted, wait until it is loaded fully (Menaco firmware is installed but the headunit menu stays unchanged until the license file is copied to the USB stick). The **menavrus.did** file shall appear in the Menavrus/ folder on the USB stick. Turn off the ignition. Remove the USB stick. Check this file.
8. menavrus.did file is required to obtain the Menaco license file of menavrus.lic. Go to the [Menaco License](#) page and submit this file by filling out the special form.
9. In a reply letter (over time), you will receive a license file **menavrus.lic**. Copy it to the Menavrus/ folder on the USB stick. Please note that you do not need to remove menavrus.did file or others from the USB stick.

10. Copy the maps files from the PC to the certain folder on the USB stick (the set of programs depends on the ordered completion of Menaco). For Navitel you can create the required folder in the root directory of the USB stick manually, or this folder will be created later when you start Navitel for the first time):
for Navitel (file *.nm7) to folder NavitelContent\Maps\;
for 7ways (files *.7w and/or *.dat) to folder 7ways\Maps\.



11. a). Car engine must be turned off at least 15 minutes (to restart the headunit).
b). Insert USB stick into the slot next to the lever of the CPR and switch on the headunit.
c). File initialization occurs. Menaco is installed.
12. To verify that Menaco is in service click a Map button (or 5 times on the Gear button to start the new software) - you should see the Menaco Menu with the buttons for additional programs.

Note: If Menaco does not start after Clause 10, please format the USB stick (or take a new one) and install Menaco starting with Clause 2 again. Please note that a license file menavrus.lic will remain the same (save it first).

START / DISABLE MENACO

Menaco Menu contains the Multimedia Player button, one or two Navigation Software buttons, and a button of the Total Commander file manager (for advanced users only!). Instructions to access the file manager see below.

If you need to switch from Menaco to the original firmware, press 5 times the Gear button, and then click Addon Off and Apply. The headunit will reboot into standard navigation program and will work as if you were using the original firmware.

Reverse switch to Menaco is similar by clicking Addon On and Apply.



Menaco Menu

Note:

Composition, location and image of the Menaco Menu buttons depend on the ordered completion of Menaco package, as well as the country of supply.

USE OF MENACO

Menaco performs the following main actions when you press headunit buttons:

- Press Voice Info (the centre of the second regulator in some headunits) – displays the Menaco Menu with the ability to run additional programs. In case if you are running a navigation program, this button recalls the relevant menu navigation program.
- Press the buttons of Nav, Map, Info – this runs the program specified in the configuration file, if any program is running - you call the Search Menu of this program.

ACCESS TO THE MENACO FILE SYSTEM

Attention! Warning! The Total Commander CE file manager is included in Menaco



In no case, do not perform any operations on the Storage Card/System folder, this may completely disable the headunit operability! Also, you cannot format the Storage Card partition!

Use a File Manager with caution, do not remove or replace any files on the internal memory of the headunit, if you are not sure what you are doing. This can lead to the complete unavailability of the headunit.

All the ways to run programs can be configured in the /Storage Card/menavrus/menavrus.cfg file. Edit this file carefully, without breaking syntax.

To close random access to the Total Commander CE, rename (or delete) the file of total.exe in the folder of Update/ on the USB stick.

DELETE MENACO

To completely remove Menaco from the headunit, install the the original firmware 7.7.4.

SETTINGS OF MENACO

Description, features, settings and recommendations for Menaco GEN1 are given in [User Manual for Menaco GEN1](#).

Note:

The Menaco GEN1 User Manual is provided in the Russian language and prepared in .pdf format.

Please translate this document into your preferred language using this link

<https://www.onlinedoctranslator.com>

In case of any translation misunderstanding please do not hesitate to contact us mail@menaco.co.