

NAVIGATION/MULTIMEDIA Receiver Firmware Update Guide

Introduction

- This document describes the procedure and precautions for upgrading the NAVIGATION/MULTIMEDIA receiver firmware.
- If an error occurs while you are updating the firmware, the NAVIGATION/MULTIMEDIA receiver may become unusable. Be sure to read the following procedure and precautions carefully before updating the firmware.

Target Models

This updater can be used to update the firmware of the following models.

<Model group >

DNX7100, DNX7200, DNX710EX
DDX8019, DDX8029, DDX8039
DDX7019, DDX7029, DDX7039, DDX7039M
KVT-819DVD, KVT-829DVD, KVT-839DVD
KVT-719DVD, KVT-729DVD, KVT-739DVD
KOS-V1000, KOS-V500

Target Firmware

This updater can be used to update the following firmware version:

To check the firmware version of Ver 1.0.8 or earlier, refer to "Checking the Firmware Version" below for information on how to check the firmware version.

By executing this updater, the firmware version will become "Ver. 1.0.9" .

Firmware Updater Information

Program name (size): k07v_update_1.0.9.tar.gz (5.8MB)

Creating the Update Media

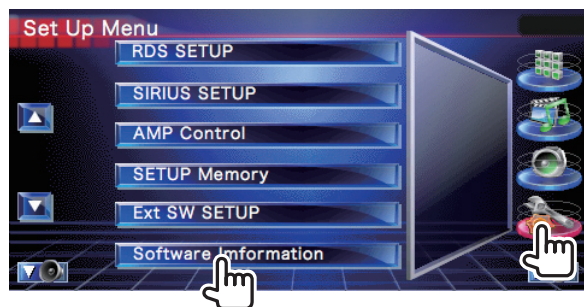
1. Download the "k07v_update_1.0.9.tar.gz" from the Web site.
2. Copy the downloaded file to the top directory of the USB memory.



- Be sure to copy "k07v_update_1.0.9.tar.gz" to the top directory of the USB memory. Update cannot be performed if it is copied inside a folder.

Checking the Firmware Version

1. Press the [Setup] to display the Setup Menu screen.



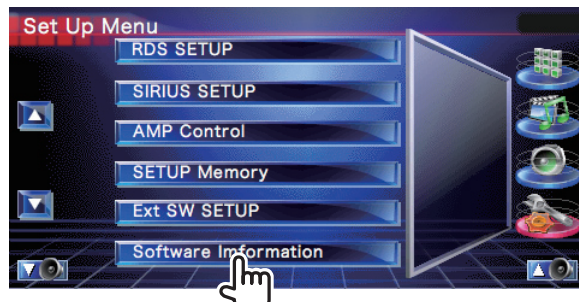
2. Press the [Software Information] to display the Software Information screen.



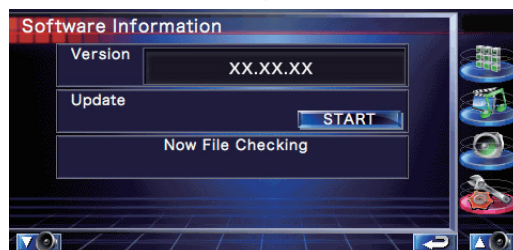
3. Check the version and press the  button to return to the Setup Menu screen.

Firmware Update Procedure

1. Connect the USB memory containing the firmware updater file to the product to be updated.
2. Change the Source to Standby.
Read the instruction manual of the product to be updated.
3. Press the [Software Information] on the Setup Menu screen.



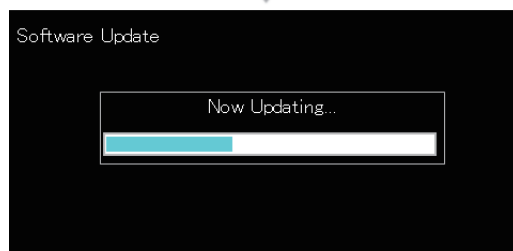
4. [Press the [Start] button..



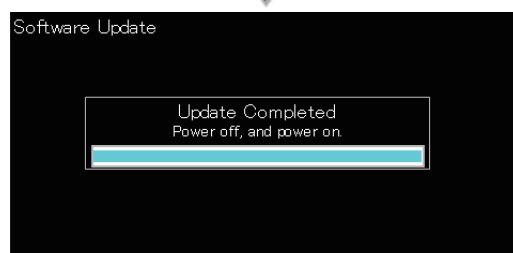
Checking of "Update file" starts.

Update of the firmware starts and the black screen is displayed for 1 to 2 minutes.

Be sure that you do not turn off the power of NAVIGATION/MULTIMEDIA receiver or engine key.



The progress bar is displayed while updating the firmware.



Update of the firmware has completed.

Removed the USB memory and turn of the power and then on again.

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Troubleshooting

If the Update file is corrupted

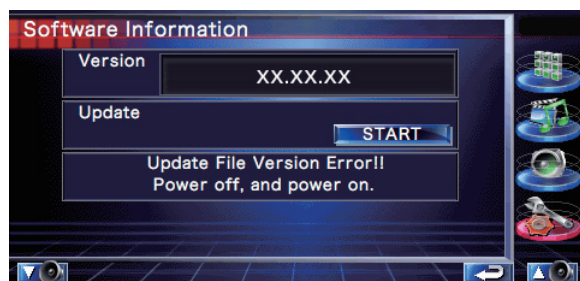
If the following "Update file error!!" is displayed, the firmware updater file which is copied to the USB memory may be corrupted.

Perform the update procedure from the "Creating the Update Media" again.



If the version of Update file is older than that of NAVIGATION/MULTIMEDIA receiver

If the following "Update file version error!!" is displayed, the firmware of NAVIGATION/MULTIMEDIA receiver has already been updated. Update of the firmware is not required. Check that the downloaded firmware updater is the latest version.



Precautions

- USB memory is recommended as the update media. Update cannot be performed with other media (CD or portable media player).
- Update may not be possible with some multcard reader and memory card combination.
- Be sure to park the vehicle in a safe place before updating. Keep the engine running in order to prevent battery from running out.
- Do not turn off the engine or Navigation/Multimedia receiver power, or remove the USB device while updating. Update cannot be performed correctly and the Navigation/Multimedia receiver may become unusable.

Functions to be improved:

- Support iPod 6G, iPod nano 3G, and iPod touch.
- Music contents in the iPod 6G, iPod nano 3G, and iPod touch can be played.
- Problems such as "album artwork cannot be displayed" are resolved. The display format of the artwork is as follows:
 - RGB (16bit): Little endian only
 - Image size: 100x100 or less

F/W versions of ipod to be connected at the point of December 10, 2007 are as follows:

- iPod nano1G: ver1.3.1
- iPod nano2G: ver1.1.3
- iPod nano3G: ver1.1.3
- iPod 5G: ver1.2.3
- iPod 6G: ver1.1.3
- iPod touch: ver1.1.2



- Update iPod software to the latest version.