

2022 AV Receiver Firmware Update Guide

Introduction

- This document describes the procedure and precautions for upgrading the 2022 AV receiver firmware.
- If an error occurs while you are updating the firmware, the 2022 AV receiver may become unusable. Be sure to read the following procedure and precautions carefully before updating the firmware.

Target Model and Firmware Version

The updater can be used for the firmware versions of the models shown below.

Target models	Target firmware versions → Updated versions	Updater file name (size)
KW-M788BH, KW-M780BT	Ver 111 or earlier → V112	22ENT_SYS.upd, upd_info.dat (1.7 MB)
KW-M785DBW	Ver 112 or earlier → V113	22ENT_SYS.upd, upd_info.dat (1.7 MB)



- For how to check your firmware version, refer to "Checking the Firmware Version".

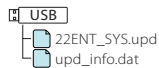
Work Flow

- Download the firmware files, and copy them to USB memory.
- Update the firmware. **(It takes about 5 minutes.)**
- Check that the firmware has been updated.

Creating the Update Media

Create the update media on your PC.

- Download the Updates from the Web site.
- Decompress the downloaded file.
- Copy the decompressed file to the top of hierarchy in USB memory.



Caution

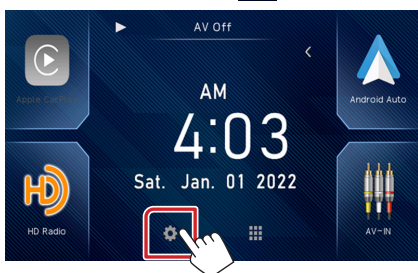
- For updating, use a USB memory device with the specifications shown below. Updating is not possible on USB memory devices with other specifications.**
USB Standard: USB 2.0
Capacity: 8 GB to 32 GB
File system: FAT 32



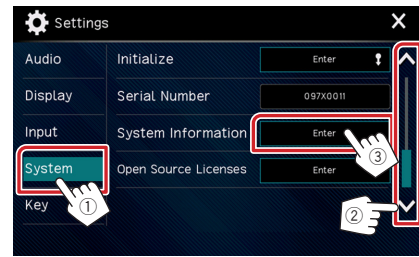
- Do not copy the updater to a device containing audio files. Blank USB memory is highly recommended.
- Update cannot be performed if it is copied inside a folder.
- If the updater file name is changed, update cannot be performed.

Checking the Firmware Version

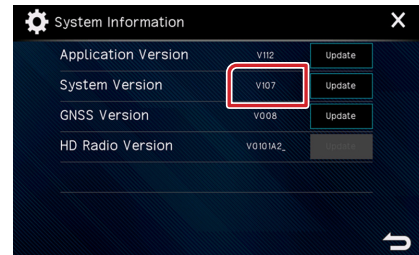
- Press the < Home > button.
- Touch the [Settings (⚙️)] on the HOME screen.



- Touch the [System Information] to display the System Information screen.



- Check the version.



Updating the Program

- Press the < Home > button.
- Touch the [Settings (⚙️)].
- Touch the [System Information] to display the System Information screen.
- Touch the [Update].



- Connect the USB memory to update starts. **(It takes about 5 minutes.)**
Caution: The screen may go blank for a few seconds. Do not unplug the USB memory or Power Off the unit during the Update Procedure.
- Once the "Update completed" screen is displayed.
- Remove the USB memory.
- Turn the power off and on again.



- Check that the firmware version is updated, by referring to "Checking the Firmware Version".

Precautions

- 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 AV receiver power while updating. Update cannot be performed correctly and the AV receiver may become unusable.