

# 2020 AV Receiver Firmware Update Guide

## Introduction

- This document describes the procedure and precautions for upgrading the 2020 AV receiver firmware.
- If an error occurs while you are updating the firmware, the 2020 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
KW-M560BT, KW-M56BT	APP: 210206 or earlier MCU: 210521_1A or 210521_1B → APP: 220124-V1.6.***** MCU: 210521_1A or 210521_1B
	APP: 220124 or earlier MCU: 220121_1E → APP: 220124-V1.6.***** MCU: 221207_1E
KW-M565DBT	APP: 210206 or earlier MCU: 210521_1A or 210521_1B → APP: 220124-V1.6.***** MCU: 210521_1A or 210521_1B
	APP: 220124 or earlier MCU: 220121_1E → APP: 220124-V1.6.***** MCU: 221207_1E
KW-V660BT, KW-V66BT	APP: 210309 or earlier MCU: 210521_1A or 210521_1B → APP: 220122-V1.6.***** MCU: 210521_1A or 210521_1B
	APP: 220122 or earlier MCU: 220121_1E → APP: 220122-V1.6.***** MCU: 221207_1E



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

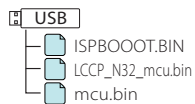
## Work Flow

- 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

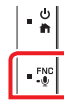
- For updating, use a USB memory device with the specifications shown below. Updating is not possible on USB memory devices with other specifications.**  
**USB Standard: USB 2.0**  
**Capacity: 8 GB to 32 GB**  
**File system: FAT 32**



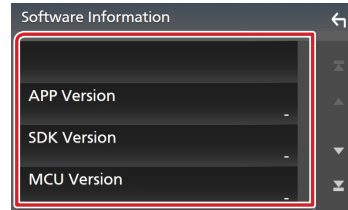
- Do not copy the updater to a device containing audio files. Blank USB memory is highly recommended.
- Update cannot be performed if it is copied inside a folder.
- If the updater file name is changed, update cannot be performed.

## Checking the Firmware Version

- Press the <FNC> button.

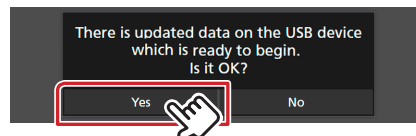


- Touch [Settings].
- Touch [Special].
- Touch [Software Information].
- Check the version.

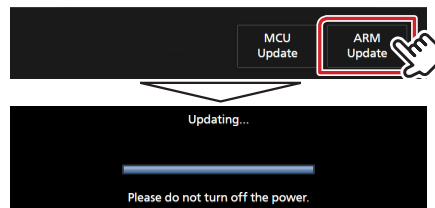


## Updating the Program

- Connect the USB memory.  
The confirmation message appears.
- Touch [Yes]



- Touch [ARM Update] to update starts. (It takes about 2 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.

- System Reboot.
- Remove the USB memory. Again, connect the USB memory.  
The confirmation message appears.
- Touch [Yes]
- Touch [MCU Update] to update starts. (It takes about 3 minutes.)
- Once the "MCU Update success!." screen is displayed.
- System Reboot. Remove the USB memory.
- 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 Navigation/Multimedia receiver power while updating. Update cannot be performed correctly and the Navigation/Multimedia receiver may become unusable.