2020 NAVIGATION/MULTIMEDIA Receiver Firmware Update Guide

Introduction

- This document describes the procedure and precautions for upgrading the 2020 NAVIGATION/MULTIMEDIA receiver firmware.

- If an error occurs while you are updating the firmware, the 2020 NAVIGATION/MULTIMEDIA 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
DMX4707S, DMX47S, DMX5020BTS, DMX5020S	APP: 210204 or earlier MCU: 210521_1**A** or 210521_1**B** ➡ APP: 220121-V1.6.*.**** MCU: 210521_1A or 210521_1B
	APP: 220121 or earlier MCU: 220121_1**E** ➡ APP: 220121-V1.6.*.**** MCU: 221207_1E
DMX5020DABS	APP: 210206 or earlier MCU: 210521_1**A** or 210521_1**B** ➡ APP: 220122-V1.6.*.**** MCU: 210521_1A or 210521_1B
	APP: 220122 or earlier MCU: 220121_1**E** ➡ APP: 220122-V1.6.*.**** MCU: 221207_1E
DDX5707S, DDX57S	APP: 210122 or earlier MCU: 210521_1**A** or 210521_1**B** ➡ APP: 220124-V1.6.*.**** MCU: 210521_1A or 210521_1B
	APP: 220124 or earlier MCU: 220121_1**E** ➡ APP: 220124-V1.6.*.**** MCU: 221207_1E
DDX5020S	APP: 210124 or earlier ➡ APP: 220124-V1.6.*.**** MCU: 210521_1* or 220121_1E

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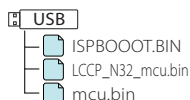
Work Flow

Step 1.   Download the firmware files, and copy them to USB memory.
Step 2.   Update the firmware. **(It takes about 5 minutes.)**
Step 3.   Check that the firmware has been updated.

Creating the Update Media

Create the update media on your PC.

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

```
📁 USB
  └ 📄 ISPBOOOT.BIN
  └ 📄 LCCP_N32_mcu.bin
  └ 📄 mcu.bin
```
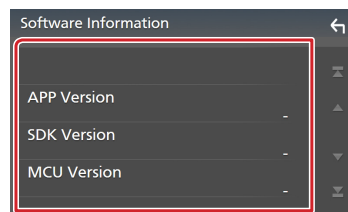
Caution

- **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.
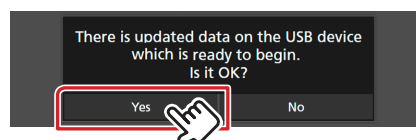- If the updater file name is changed, update cannot be performed.

Checking the Firmware Version

1. Press the <MENU> button.

2. Touch [⚙].
3. Touch [Special].
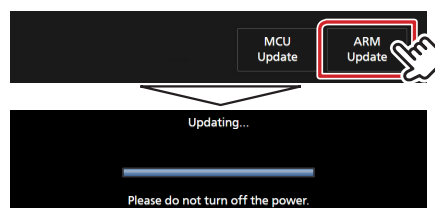4. Touch [Software Information].
5. Check the version.

Updating the Program

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

   There is updated data on the USB device which is ready to begin. Is it OK?
   Yes   No

3. Touch [ARM Update] to update starts. (It takes about 2 minutes.)

   MCU Update   ARM Update

   Updating...
   Please do not turn off the power.

   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.

4. System Reboot.

5. Remove the USB memory. Again, connect the USB memory.
   The confirmation message appears.

6. Touch [Yes]

7. Touch [MCU Update] to update starts. (It takes about 3 minutes.)

   MCU Update   ARM Update

8. Once the "MCU Update success!." screen is displayed.

9. System Reboot. Remove the USB memory.

10. 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.