

CD Receiver Firmware Update Guide

Introduction

- This document describes the procedure and precautions for upgrading the CD/USB receiver firmware.
- If an error occurs while you are updating the firmware, the CD/USB receiver may become unusable. Be sure to read the following procedure and precautions carefully before updating the firmware.
- For basic operations of the CD/USB receiver, refer to the appropriate instruction manual for your model.

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)
KD-X38MBS, KD-X482BT, KW-X850BT	Ver V108 or earlier → V109	J22S568.rom (14.5 MB)
KD-T720BT, KD-T920BTS, KD- T925BTS, KW-R950BTS	Ver V111 or earlier → V112	J22S574.rom (14.5 MB)
KD-X380BTS, KW-X855BTS, KW-X850BTS	Ver V109 or earlier → V110	J22S576.rom (14.5 MB)
KD-X480BHS	Ver V107 or earlier → V108	J22S577.rom (14.5 MB)
KD-X482DBT	Ver V107 or earlier → V108	J22S578.rom (14.5 MB)
KD-DB922BT, KW-DB95BT	Ver V109 or earlier → V110	J22S579.rom (14.5 MB)



- 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.)
Reset the CD/USB receiver.
- Step 3** Check that the firmware has been updated.

Creating the Update Media

Create the update media on your PC.

1. Download the appropriate updater for the model and firmware version to update.
2. Decompress the downloaded file.
3. Copy the updater to the top of hierarchy in USB memory.



- You can also copy the updater to a device containing audio files and update the firmware from it.
- 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 and hold the [⏏] button.
2. Turn the [VOL] knob to select "SYSTEM", and press the [VOL] knob.
3. Turn the [VOL] knob to select "F/W UPDATE", and press the [VOL] knob.
4. Turn the [VOL] knob to select "UPDATE SYSTEM", and press the [VOL] knob. "UPDATE SYSTEM" is displayed.
5. Press the [VOL] knob.
Current firmware version is displayed.

Firmware Update Procedure

1. Connect the updater media to the CD/USB receiver.
2. Press and hold the [⏏] button.
3. Turn the [VOL] knob to select "SYSTEM", and press the [VOL] knob.
4. Turn the [VOL] knob to select "F/W UPDATE", and press the [VOL] knob.
5. Turn the [VOL] knob to select "UPDATE SYSTEM", and press the [VOL] knob. "UPDATE SYSTEM" is displayed.
6. Press the volume knob.
"F/W UP" is displayed.
7. Press the volume knob again.
"FILE CHECK" is displayed.
8. Turn the volume knob to select "YES", and press the knob.
Update starts with "UPDATING" displayed. Update should finish in **approximately 5 minutes** and "COMPLETED" is displayed upon completion.
9. The receiver reboots automatically.
Update on the firmware takes effect.
10. Check that the firmware version is updated, by referring to "Checking the Firmware Version".



- **When "NO FILE" is displayed**
 - Check if the updater is on the top of hierarchy.
 - Check if the updater file name is appropriate for the model to update.
- **If "WAIT" is displayed more than 5 minutes, you may fail the firmware update. In this case, check the following items**
 - Pull out the USB memory and insert it again.
 - Check if your USB memory has security function. If so use the one without security function.
 - Your USB memory may have problem. Update with another USB memory.
 - The firmware is not downloaded and copied to the USB memory successfully. Download and copy it again.

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 CD/USB receiver power while updating.**
Update cannot be performed correctly and the CD/USB receiver may become unusable.