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-R490, KD-R492, KD-R492M, KD-R494, KD-R497, KD-R499	Ver V110 or earlier → V111	J18S400.rom (1.90 MB)
KD-R491, KD-R491M, KD-R496, KD-R498, KD-R690S, KD-R691	Ver V109 or earlier → V110	J18S401.rom (1.90 MB)
KD-X155	Ver V105 or earlier → V106	J18S402.rom (1.90 MB)
KD-R790BT, KD-R792BT, KD-R794BT, KD-R899BT, KD-RD-79BT, KD-SR84BT, KD-X255BT, KD-X351BT, KD-X352BT	Ver V114 or earlier → V115	J18S403.rom (6.90 MB)
KD-R890BT, KD-R891BT, KD-R895BTS, KD-R990BTS, KD-R991BT, KD-R992BT, KD-R995BTS, KD-R99MBS, KD-RD99BTS, KD-X350BTS, KD-X355, KD-X35MBS, KW-R930BT, KW-R930BTS, KW-R935BTS, KW-SX83BTS, KW-X730, KW-X830BT, KW-X830BTS	Ver V113 or earlier → V114	J18S404.rom (6.90 MB)
KD-X451DBT, KW-DB93BT	Ver V104 or earlier → V105	J18S405.rom (6.90 MB)
KD-X151, KD-X152, KD-X152M, KD-X153, KD-X252	Ver V106 or earlier → V107	J18S406.rom (1.90 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 3 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. 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.
   Enter the Function setting mode.
2. Turn the [VOL] knob to display "SYSTEM", and press the [VOL] knob.
3. Turn the [VOL] knob to display "F/W UPDATE", and press the [VOL] knob.
   "UPDATE SYSTEM" is displayed.
4. 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.
   Enter the Function setting mode.
3. Turn the [VOL] knob to display "SYSTEM", and press the [VOL] knob.
4. Turn the [VOL] knob to display "F/W UPDATE", and press the [VOL] knob.
   "UPDATE SYSTEM" is displayed.
5. Press the [VOL] knob.
   "F/W UP" is displayed.
6. Press the [VOL] knob again.
   "FILE CHECK" is displayed.
7. Turn the [VOL] knob to display "YES", and press the [VOL] knob.
   Update starts with "UPDATING" displayed. Update should finish in **approximately 3 minutes** and "COMPLETED" is displayed upon completion.
8. The receiver reboots automatically.
   Update on the firmware takes effect.
9. 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.