CD/USB 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.

Firmware versions for System
Ver 7.00 or earlier ➡ Ver 8.00

Firmware versions for Device
Ver 3.11 or earlier ➡ Ver 3.12

Model group	Target models	Updater file name (size)	
		System	Device
A	KIV-700 I-K99	io0948.krm (385 KB)	player_nand_fup.rom (5573 KB)
B	KIV-BT900	io0955.krm (513 KB)	player_nand_fup.rom (5573 KB)

- For how to check your firmware version, refer to "Checking the Firmware Version".
- The firmware version will become "Ver 8.00" for System or "Ver 03.12" for Device.

Work Flow

Step 1 Download the firmware files for system and device, and copy them to USB memory.

Step 2 Update the firmware for system. (It takes about 15 minutes.) Reset the CD/USB receiver.

Step 3 Update the firmware for device. (It takes about 30 seconds) Reset the CD/USB receiver.

Step 4 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 to update.
   There are two file types for system and device.
2. Copy the updater to the top of hierarchy in USB memory.

- USB memory is recommended as the update media.
- 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

Firmware versions for System
1. Press the [SRC] button and select "STANDBY" (standby state).
2. Press the [MENU] button to enter the Menu List mode.
3. Turn the [Volume] knob to display "Initial Settings", and press the [Volume] knob.
4. Turn the [Volume] knob to display "System F/W Update", and press the [Volume] knob.
   Current firmware version is displayed.
5. Press the [MENU] button for at least 1 second, and then press it again briefly.

Firmware versions for Device
6. Press the [SRC] button and select "USB".
   When USB memory is not connected to the CD/USB receiver, the USB source is selected upon connecting USB memory.
7. Press the [MENU] button to enter the Menu List mode.
8. Turn the [Volume] knob to display "Settings", and press the [Volume] knob.
9. Turn the [Volume] knob to display "Device F/W Version", and press the [Volume] knob.
   Current firmware version is displayed.
10. Press the [MENU] button for at least 1 second, and then press it again briefly.

Firmware Update Procedure

Firmware versions for System
1. Connect the updater media to the CD/USB receiver.
2. When an audio file is played or "No Media File" is displayed, press the [SRC] button and select "STANDBY" (standby state).
3. Press the [MENU] button to enter the Menu List mode.
4. Turn the [Volume] knob to display "Initial Settings", and press the [Volume] knob.
5. Turn the [Volume] knob to display "System F/W Update", and press the [Volume] knob.
6. Again, press the [Volume] knob.
   "Reading" is displayed and the updater check starts.

   When "No File" is displayed, press the [MENU] button, then press the [Volume] knob again.
7. Turn the [Volume] knob to display "YES", and press the [Volume] knob.
   Update starts with "Updating" displayed. Update should finish in **approximately 15 minutes** and "Completed" is displayed upon completion.
8. While pressing the [Volume] knob and the [MENU] button, press the [SRC] button for at least 3 seconds to reset the unit.

Firmware versions for Device
9. Press the [SRC] button and select "USB".
10. Press the [MENU] button to enter the Menu List mode.
11. Turn the [Volume] knob to display "Settings", and press the [Volume] knob.
12. Turn the [Volume] knob to display "Device F/W Update", and press the [Volume] knob.
13. Turn the [Volume] knob to display "YES", and press the [Volume] knob for at least 1 second.
    Update starts with "Updating" displayed. Update should finish in approximately 30 seconds and "Complete!" is displayed upon completion.
14. The receiver reboots automatically.
    Update on the firmware takes effect.
15. 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.

Precautions

- When using an digital audio player to perform update, be sure to set the player to MSD (mass storage device) mode. Player that cannot be set to MSD mode cannot be used for update.
- Update cannot be performed with the USB connected through USB HUB. Directly connect USB memory to the CD/USB receiver.
- Update cannot be performed using a multi-card reader. Use a single-slot card reader for a memory card.
- 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, or remove the USB device while updating. Update cannot be performed correctly and the CD/USB receiver may become unusable.