January, 2010

Subject: RX-V2065 Firmware Update ver. 036.103.034

Yamaha is pleased to offer this firmware update to ensure the best possible performance for your Yamaha RX-V2065 AV Receiver.

This firmware improves network functionality including Zone browsing with MusicCAST2.

The following pages contain the firmware update instructions for RX-V2065. You can easily update to the latest firmware by either using an USB thumb drive or through internet. In order to properly execute the update, read all instructions carefully. The following links will also lead you directly to the beginning of each individual section of the instructions.

- ✓ **Click here to confirm your current firmware version.**

- ✓ **Click here to firmware update by USB.   (USB thumb drive required)**
  Update by Network is recommended if your receiver is connected to the internet.

- ✓ **Click here to firmware update by Network.   (Internet connection required)**

- ✓ **Click here to confirm updated firmware version**

- ✓ **Click here for troubleshooting.**

< IMPORTANT NOTICE >
Do not attempt to update your Yamaha receiver using any other data file except those provided directly from the Yamaha website or through your network connection.

Follow the instructions carefully and do not attempt any other procedures not specified in the instructions provided by Yamaha.
Improperly updated products may cause improper operation, and any parts or service required to restore proper operation will not be covered under the Yamaha Limited Warranty.

Confirming Firmware Version

Below are the procedures to confirm your firmware version.

Step1   **Enter ADVANCED SETUP mode**
Confirm that your receiver is powered off. (Standby condition)
While pressing the **STRAIGHT** button, press (and release) the **MAIN ZONE** button and keep depressing the **STRAIGHT** button until "*ADVANCED SETUP*" appears on the front panel display.
(Note: "*ADVANCED SETUP*" is displayed only for a few seconds.)

ADVANCED SETUP

**Step2**   **Select Version display from the menu**
Rotate the **PROGRAM** selector counterclockwise and select "*VER*".

Latest version would be **"VER036.103.034"**.

"036", "103" and "034" each represents the version of several programs in your receiver.
If your receiver's version is lower than above, perform firmware update described in the following pages.

If "ERROR" appears, refer to the troubleshooting methods on page 7 to recover.

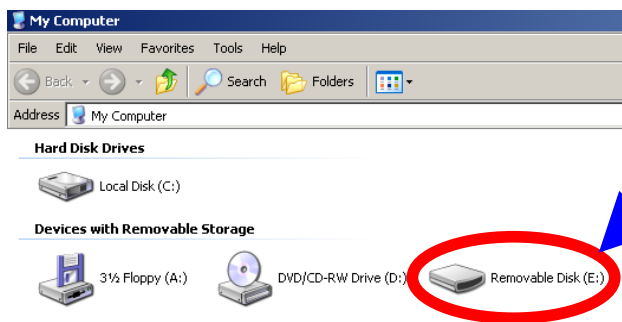MAIN ZONE

PROGRAM   STRAIGHT
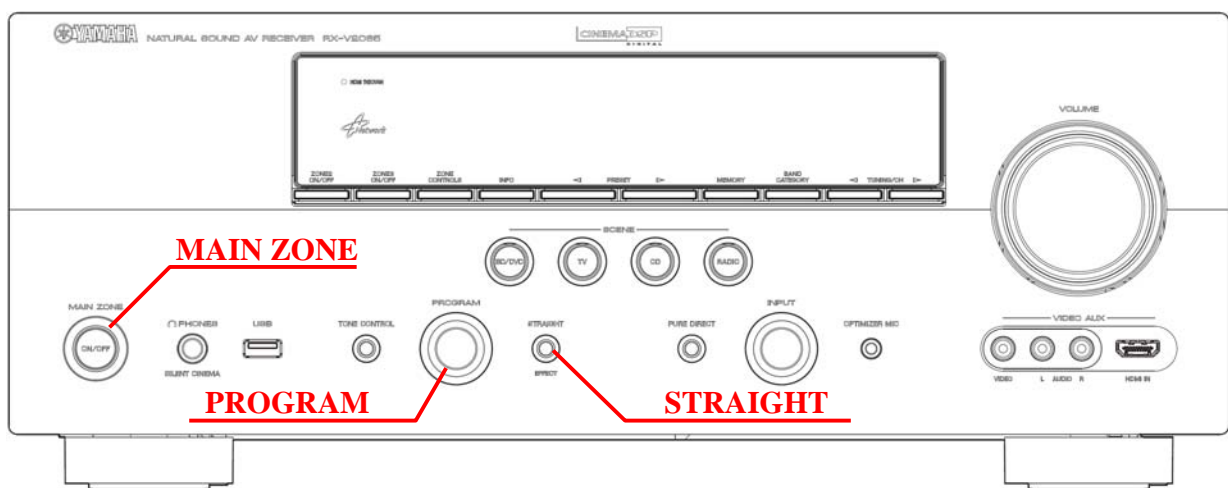
Firmware Update by USB

Requirement: - **USB thumb drive**, with enough free space to store over 16 MB.
   (File system with FAT16 or FAT32 format)
   - Firmware file provided by YAMAHA,"RX-V2065_xxxx.bin".

Step1 **Prepare USB thumb drive for the update**
Download and copy the firmware, "RX-V2065_xxxx.bin" into the root directory of the USB thumb drive.


Drag & Drop the file into USB drive.

Step2 Power off the receiver. (Standby condition). Then, insert the USB thumb drive to the USB terminal located on the front panel.
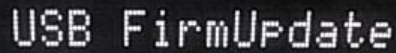
Step3 **Enter ADVANCED SETUP mode**
While pressing the **STRAIGHT** button, press (and release) the **MAIN ZONE ON/OFF** button and keep depressing the **STRAIGHT** button until "*ADVANCED SETUP*" appears on the front panel display.
(Note: "*ADVANCED SETUP*" is displayed only for a few seconds.)

MAIN ZONE

STRAIGHT

USB Drive
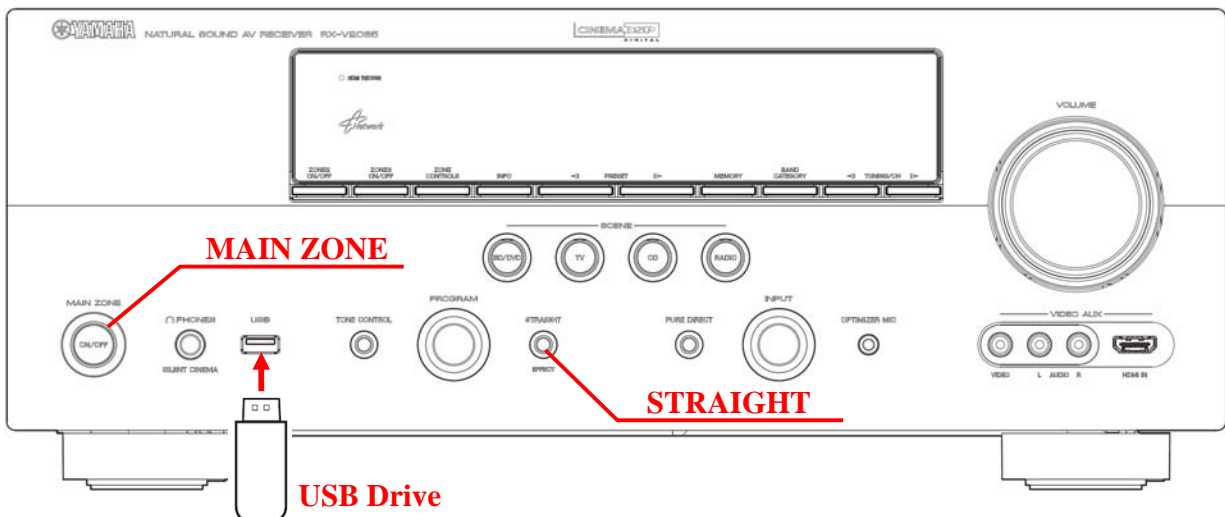
Step4 **Select "USB FirmUpdate" from the menu**
Rotate the **PROGRAM** selector counterclockwise and select
"USB FirmUpdate ".
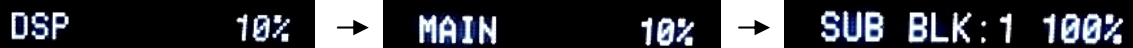
USB FirmUpdate

Step5 **Start firmware update**
Press **STRAIGHT** button to start update.

NOTE: Be aware that performing this update will clear all your receiver
setting back to factory default.

Firmware reprogramming in progress

DSP 10% → MAIN 10% → SUB BLK:1 100%

CAUTION! DO NOT interrupt power or remove the USB thumb drive during the
update.
In case the power is accidentally cut off resulting in a condition where you
can't recover normal operation, refer to troubleshooting method CASE#3
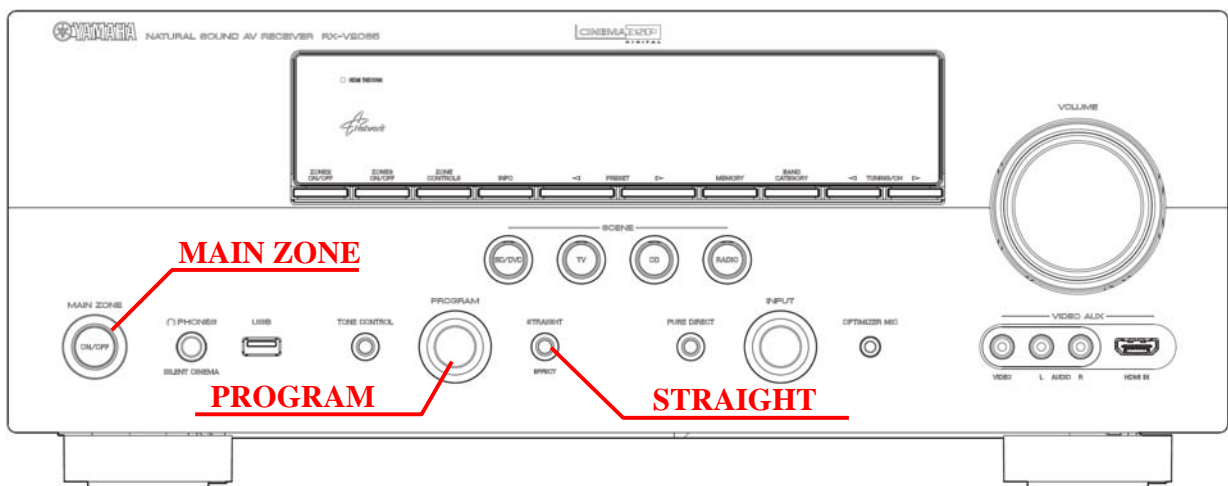on page 7.

Step6 When completed, "*UPDATE SUCCESS*" appears on the display.

UPDATE SUCCESS

Turn off the power of the receiver by pressing MAIN ZONE button.
Remove USB thumb drive.

Step7 **Check updated firmware version**
Enter Advanced Setup mode and select "VER" on the menu.
(See "Confirming Firmware Version section" for details)

Firmware Update by Network

Requirement: Internet connection
Your receiver is connected to the internet if you can receive internet radio stations.   (see owner's manual for details)

Step1   Power off the receiver. (Standby condition).

Step2   **Enter ADVANCED SETUP mode**
While pressing the **STRAIGHT** button, press (and release) the **MAIN ZONE ON/OFF** button and keep depressing the **STRAIGHT** button until "*ADVANCED SETUP*" appears on the front panel display.
(Note: "*ADVANCED SETUP*" is displayed only for a few seconds.)

ADVANCED SETUP

MAIN ZONE

STRAIGHT

Step3   **Select "NET FirmUpdate" from the menu**
Rotate the **PROGRAM** selector counterclockwise and select
"NET FirmUpdate ".

> NET FirmUpdate
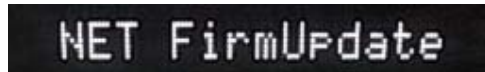
Step4   **Start firmware update**
Press **STRAIGHT** button to start update.   *"CHECKING…."* will appear.

NOTE: Be aware that performing this update will clear all your receiver
setting back to factory default.

If "UPDATE UNAVAIL" appears, this means your receiver is already
up-to-date.   In this case, power off to exit from Advanced Setup.
Firmware reprogramming in progress

| DSP   10% | → | MAIN   10% | → | SUB BLK:1 100% |

Caution!   DO NOT interrupt power during the update.
In case the power is accidentally cut off resulting in a condition where you
can't recover normal operation, refer to troubleshooting method CASE#3
on page 7.

Step5   When completed, *"UPDATE SUCCESS*" appears on the display.

> UPDATE SUCCESS
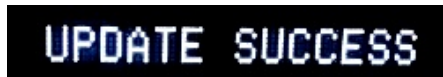
Turn off the power of the receiver by pressing MAIN ZONE button.

Step6   **Check updated firmware version**
Enter Advanced Setup mode and select "VER" on the menu.
(See "Confirming Firmware Version" section for details)

MAIN ZONE

PROGRAM   **STRAIGHT**
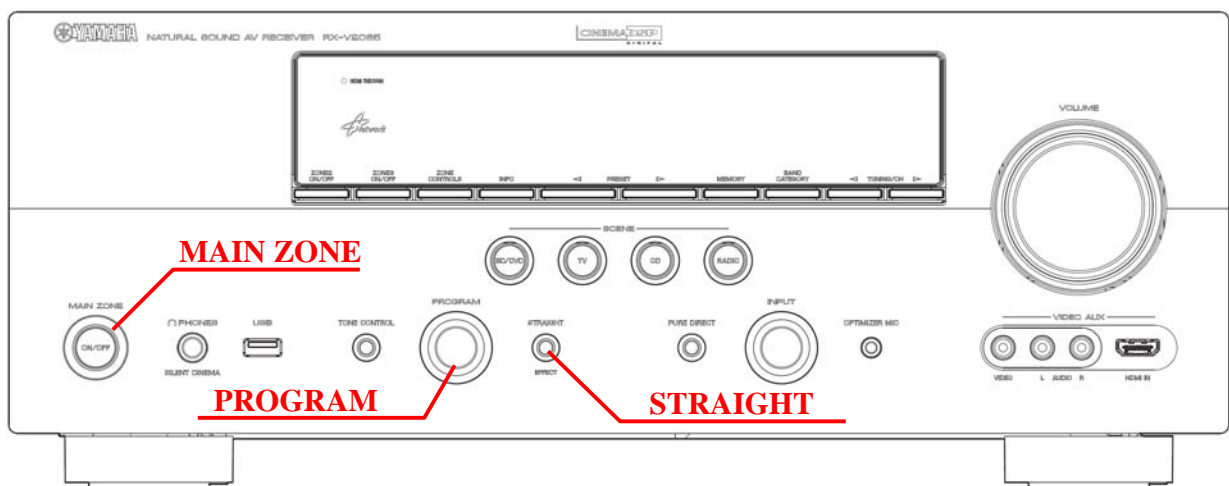
Troubleshooting

Case #1: "*UPDATE FAIL*" appeared during the USB update.

Cause: For some reason, the receiver can't read the firmware data.

For your solution, please check the following;
- ✓ USB drive is securely connected to the receiver.
- ✓ USB drive is inserted before the receiver is powered on for the update.
- ✓ The firmware data, RX-V2065_xxxx.bin is stored in the root directory of the USB drive.
- ✓ There is no other data but the firmware data in the USB drive.
- ✓ No folders are created in the USB drive.

Else,
Retry the update using another USB drive.

Case #2: Error message appeared during the Network update.

"UPDATE FAIL"   Solution: Perform USB update (See page 3)
"VER.CHECK ERR"   Solution: Check your network environment

Case #3: Firmware update doesn't start for other reasons.
Receiver doesn't power up after the update.
Or, "*ERROR*" appeared when confirming the firmware version.

To recover, perform following alternative USB update method
1. Unplug the AC power cable from the back of the receiver.
2. Insert the USB thumb drive into the USB terminal located on the front panel.
   (The firmware must be downloaded and copied into the USB drive in prior)
3. Press and hold the **TONE CONTROL** button and keep it pressed while you plug the AC power cable back into the receiver again.   *"FILE READING"* will appear on the front display.   Then, release the **TONE CONTROL** button.
4. The update will start automatically.

TONE CONTROL
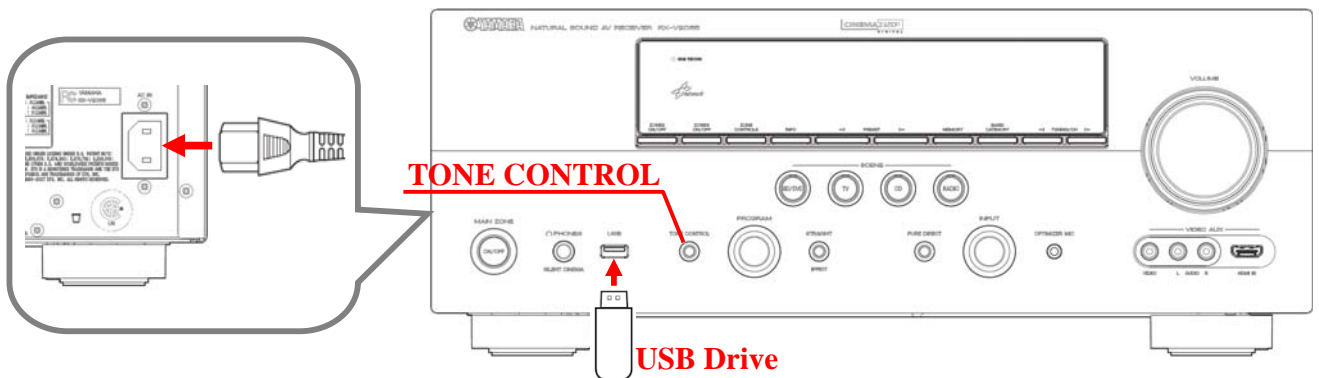
USB Drive

5. When "*UPDATE SUCCESS*" appears on the display, firmware update is completed.   Power off the receiver and remove the USB thumb drive.
6. Confirm updated firmware version.