ONKYO®

Firmware Update for the TX-NR414, HT-RC440 & HT-R758 (HT-S6500)

To update the firmware of the AV receiver, you can choose from the following two methods: update via network, or update via USB storage. Choose the one that best suits your environment. Before proceeding with the update, please read the corresponding explanations carefully.

*****IMPORTANT*****

■**Update via network** You will need a wired Internet connection to update the firmware.

■**Update via USB storage** Please prepare a USB storage device such as a USB flash memory stick. You need at least 32 MB of available space to update the firmware

Precautions for your Firmware Update

Please enter [NET] mode before starting the update.

The firmware update may fail if an external HDMI control signal is input during the update procedure. Please be sure to turn off the HDMI control function (RIHD) on your A/V receiver before starting the update.

How to turn off RIHD:
In the Main menu select "Hardware Setup", then "HDMI".
Set " HDMI Control " to OFF

- The firmware update should take 15 to 40 minutes (depending on receiver model). Once the update begins, don't turn off the power supply to the A/V receiver until it is time to restart it

- Depending on the conditions of the network, a firmware update via a network may take more than one hour or even fail to finish. If the update is not completed within two hours, turn off the power supply by pushing the ON/STANDBY button and then try updating again from the beginning

- Updating the firmware and adjusting the settings will be done automatically, but may take some time to complete. Please follow the procedures as instructed when you update. Note that the update may fail, or cause problems for your A/V receiver, if you do any of the following:

- Pull out the A/V receiver's power cord;
- Interrupt the power supply to the A/V receiver (e.g. if the breaker is tripped or if there is an electrical outage);
- Insert or remove the LAN cable from a device in your network when updating over a network;
- Insert or remove a USB memory device from the A/V receiver when updating via USB;
- Operate components connected to the A/V receiver via HDMI, such as a TV or a recording device.

If you see "No Update" on the front panel immediately after you have started the firmware update process, you have the latest firmware. In this case it is not necessary to do this update.

ONKYO®

Firmware Update for the TX-NR414, HT-RC440 & HT-R758 (HT-S6500)

We are pleased to offer this firmware update for the best possible performance of your AV Receiver.
To check FW version, press the home button on the remote control. Highlight "F/W Update" or Firmware Update icon and press enter. FW version will be displayed on the front panel and TV.

A firmware update is now available through the Network or USB connections.

Latest Firmware Version: **1161-0001-0000**

Information Concerning Firmware Update for Onkyo Network Receivers

Onkyo has discovered there is a possibility of failure when updating receivers to this new firmware package via ethernet in certain network environments. For this reason, we are now only releasing a firmware file for installation via USB port / flash memory device.

Users should first check to see if their network receiver is running the firmware (1130-8001-0000 released July 24, 2012) before installing this update via USB. If your network receiver is not running firmware version 1130-8001-0000, please update your receiver to this version via the network facility before proceeding further.

If your receiver is running more recent firmware, there is no need to update via network facility. You can judge whether older or newer by the first three digits.

To check your firmware version, press the "Home" button on your remote control. Highlight "F/W Update" or select the "Firmware Update" icon and press enter. Your current firmware version will be displayed on the front panel of your A/V receiver as well as your TV screen.

Should you encounter any difficulties when performing this update, please contact us.

We appreciate your understanding and apologize for any inconvenience this issue may cause.

The 8/28/2013 update will address the following: UPDATE AVAILABLE ONLY via USB

1. Improves the operation when HDMI Through is set to on
2. Format change of Rhapsody is scheduled in the near future. To correspond this change, you should apply this update.

The 4/11/2013 update will address the following: UPDATE AVAILABLE ONLY via USB

1. Improves audio playback stability of FLAC files via Network / USB

The 7/24 /2012 update will address the following:

1. Supports Onkyo Remote2 for iOS version: 1.30 or later;
   -Adds support for high end models & audio streaming from iOS device
2. Supports Onkyo Remote for Android version: 1.30 or later;
   -Adds support for high end models
   *it is also necessary to update the App
3. Improves operation of "Power on" of remote control
4. Adds support of Home Media Function (Samba Server); Playing music files like Apple Lossless via network/USB becomes possible;

   Additional Audio file format
   ■Apple Lossless (.m4a/.mp4/.M4A/.MP4)
   Sampling rates of 8 kHz, 11.025 kHz, 12 kHz, 16 kHz, 22.05 kHz, 24 kHz, 32 kHz, 44.1 kHz, 48 kHz, 64 kHz, 88.2 kHz and 96 kHz are supported. Quantization bit: 16 bit, 24 bit
   ■DSD (.dsf or .DSF)
   The sampling rate of 2.8224 MHz is supported.

ONKYO.

Firmware Update for the TX-NR414, HT-RC440 & HT-R758 (HT-S6500)

■Dolby True HD (.vr/.mlp/.VR/.MLP)
Sampling rates of 48 kHz, 64 kHz, 88.2 kHz, 96 kHz, 176.4 kHz and 192 kHz are supported.

Notice:
Limitation of when using UWF-1
1. Only 64 kHz and less sampling rate is supported; 2. Dolby TrueHD and DSD is not supported when using Home Media Function; 3. Using at rear USB port is not supported when using Home Media Function;

The 6/15 /2012 update will address the following:

1. Corrects unexpected instance where a portion of the internal memory may stop working during operation.
*See below for further important details
2. Adds UBT-1 Support

IMPORTANT NOTICE
1) If the current F/W version of your receiver *IS* listed above, this update will occur in 2 parts.
   a. The 1st part of the update *will clear the settings and restore the unit to factory default setting*. Initial set-up must be performed again including Network setting and Audyssey calibration.
   b. Once the network setting are re-established, the 2nd portion of the update will occur which will add support for the UBT-1. Settings WILL NOT be cleared as a result of this 2nd portion.
   c. It is recommended to proceed with these FW update via USB

2) If the current F/W version of your receiver IS NOT listed above, only the UBT-1 support update will be processed. Settings WILL NOT be cleared as a result of this portion.

The 06/08/12 update addresses the following:

1. Corrects unexpected instance where a portion of the internal memory may stop working during operation.

*Please note below.
All Setting will be cleared after this update. Initial set-up must be performed again including Audyssey calibration.

The 03/28/12 update addresses the following:

1. Supports Onkyo Remote App for Android version: 1.10 or later;
   *it is also necessary to update the App;

2. Supports Onkyo Remote2 for iOS version: 1.05 or later;
   *it is also necessary to update the App;

3. Improves the operation of NET/USB-related functions;

4. Improves the operation of InstaPrevue functions;

The latest update includes all prior updates.

We hope you enjoy the improved functionality this update provides to your AV Receiver.