Onkyo TX-8050

Onkyo TX-8050 Network Stereo Receiver User Manual

Model: TX-8050

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Onkyo TX-8050 Network Stereo Receiver. Please read this manual thoroughly before using the receiver to ensure proper and safe operation. Keep this manual for future reference.

1. SETUP

1.1 Unpacking and Placement

Carefully remove the receiver from its packaging. Place the receiver on a stable, level surface with adequate ventilation to prevent overheating. Avoid placing it near heat sources or in direct sunlight. Ensure there is sufficient space around the unit for airflow.

1.2 Rear Panel Connections Overview

Image: Rear panel of the Onkyo TX-8050 Network Stereo Receiver. This view displays all available input and output connections, including speaker terminals, analog and digital audio inputs, video inputs, network port, and USB terminal.

Refer to the diagram above for the location of each connection port when connecting your components.

1.3 Speaker Connections

Connect your speakers to the **SPEAKERS A** or **SPEAKERS B** terminals on the rear panel. Ensure correct polarity (red to red / + to + and black to black / - to -) for each speaker. The receiver is designed for speakers with an impedance of 8 Ohms. Using speakers with lower impedance may cause damage to the

receiver.

1.4 Audio/Video Component Connections

Connect your audio and video sources (e.g., CD player, DVD player, game console, TV) to the corresponding analog (RCA) or digital (optical/coaxial) input jacks. For digital audio, use either the **OPTICAL** or **COAXIAL** inputs. Ensure that the input selected on the receiver matches the connected component.

1.5 Network Connection

For network functionality, connect an Ethernet cable from your router to the **ETHERNET** port on the receiver's rear panel. Alternatively, for wireless connectivity, an optional Onkyo UWF-1 Wireless LAN adapter can be connected to the USB port.

1.6 iPod/iPhone Direct Digital Connection

Connect your iPod or iPhone to the **FRONT-PANEL USB PORT** for direct digital audio playback. This connection charges your device and ensures high-quality audio transmission by bypassing the device's internal DAC.

1.7 Phono Input

Connect your turntable to the dedicated **PHONO INPUT**. This input is specifically designed for turntables with a magnetic cartridge. If your turntable has a ceramic cartridge or a built-in pre-amplifier, use a standard analog audio input instead.

1.8 Zone 2 Pre-Outs

To send a stereo audio signal to a second room, connect an external amplifier and speakers to the **ZONE 2 PRE OUT** RCA jacks. You can play the same audio source as the main zone or a different source in Zone 2, depending on your configuration.

2. OPERATING INSTRUCTIONS

2.1 Power On/Off

Press the **POWER** button on the front panel or the remote control to turn the receiver on or off. The power indicator will illuminate when the unit is on.

2.2 Input Selection

Use the **INPUT SELECTOR** buttons on the front panel or the corresponding source buttons (e.g., CD, TUNER, NET, USB) on the remote control to switch between connected audio sources. The selected input will be displayed on the receiver's front panel.

2.3 Volume Control

Adjust the volume using the large **VOLUME** knob on the front panel or the **VOLUME +/-** buttons on the remote control. The volume level will be displayed digitally on the receiver's screen.

2.4 Network Features

Access internet radio stations and audio files from your PC or network storage device via the **NET** input. The receiver supports DLNA 1.5 for streaming from Windows 7 platforms. Ensure your network connection is active for these features.

Remote Apps: Download the official Onkyo Remote App for iPod touch/iPhone or Android from your

device's app store. These apps allow you to control input source selection, adjust settings, and (for Android devices) stream music directly from your portable device over your wireless network.

2.5 USB Playback

Connect a USB flash drive or an iPod/iPhone to the front USB port. Use the receiver's controls or remote to navigate and play audio files. The receiver incorporates **Advanced Music Optimizer** technology to enhance the quality of compressed audio signals during playback.

2.6 AM/FM Tuner

Select the **TUNER** input to listen to AM or FM radio. Use the tuning controls to find stations. The receiver allows for up to 40 AM/FM presets for quick access to your favorite stations.

2.7 Remote Control Overview

Image: Onkyo RC-816S Remote Control. This image displays the layout of the remote control, including buttons for power, input selection, navigation, volume adjustment, and other operational functions.

Familiarize yourself with the remote control layout for convenient operation of all receiver functions from a distance. Ensure batteries are correctly installed.

3. MAINTENANCE

3.1 Cleaning

Wipe the receiver's exterior with a soft, dry cloth. Do not use abrasive cleaners, waxes, or solvents, as these can damage the finish. Ensure the unit is powered off and unplugged before cleaning.

3.2 Ventilation

Ensure that the ventilation openings on the top and sides of the receiver are not blocked by other components, cloths, or dust. Proper airflow is crucial to prevent overheating and ensure long-term performance and reliability of the unit.

4. TROUBLESHOOTING

4.1 No Power

- Check if the power cord is securely plugged into the wall outlet and the receiver.
- Ensure the power outlet is functional by testing it with another device.

4.2 No Sound

- Verify all speaker connections and ensure correct polarity.
- Check the input source selection to ensure it matches the connected component.
- Ensure the volume is not muted or set too low.
- Confirm that the correct speaker output (A or B) is selected.

4.3 Network Connectivity Issues

- Ensure the Ethernet cable is properly connected or the wireless adapter is installed and configured.
- Check your router's status and ensure it is broadcasting a signal.
- If using Wi-Fi, ensure the receiver is within range and the network password is correct.
- Consider checking for and applying any available firmware updates for the receiver.

4.4 iPod/iPhone Not Recognized

- Ensure your device is connected to the front USB port.
- Some older iPod models may have limited compatibility.
- Try restarting your device and reconnecting it.

4.5 AM Radio Static

- The supplied AM loop antenna may require optimal positioning for clear reception.
- Try relocating the antenna away from other electronic devices that may cause interference.

4.6 Overheating

- Ensure adequate ventilation around the receiver. Do not stack other components directly on top of it.
- If the receiver feels excessively hot, power it off and allow it to cool before resuming use.

5. SPECIFICATIONS

Power Output: 80 Watts per Channel at 8 Ohms, 20 Hz–20 kHz, 0.7% THD, 2 Channels Driven (FTC)

Channels: 2

Connectivity: Wired (Ethernet), USB

Audio Encoding: Stereo

Compatible Devices: Personal Computer, Speaker, iPhone, iPod

Dimensions (W x H x D): 17.13 x 5.88 x 12.94 inches (43.5 x 14.9 x 32.9 cm)

Item Weight: 19 pounds (8.6 kg)

Model Number: TX-8050

Date First Available: March 28, 2011

6. WARRANTY AND SUPPORT

For detailed warranty information, product registration, and technical support, please visit the official Onkyo website or contact Onkyo customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

7. PRODUCT OVERVIEW VIDEO

Your browser does not support the video tag.

Video: An official Onkyo product video titled "Onkyo. Sound for Home. Sound for Life." This video provides a general overview of Onkyo's audio products, showcasing their use in various home environments for music listening and home theater experiences. It highlights the brand's commitment to sound quality.

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