Onkyo TX-NR696

ONKYO TX-NR696 AV Receiver User Manual

Model: TX-NR696

1. INTRODUCTION

This manual provides essential information for the setup, operation, and maintenance of your ONKYO TX-NR696 7.2-channel AV Receiver. This receiver is designed to deliver a high-quality audio-visual experience, supporting advanced audio formats and connectivity options.

The TX-NR696 AV Receiver is compliant with Dolby Atmos/DTS:X, Hi-Res Audio playback, and THX Certified Select standards, ensuring immersive sound performance.

Key Features:

- Supports Dolby Atmos and DTS:X for immersive surround sound.
- THX Certified Select compliance for theater-reference sound.
- HDR compatibility (Dolby Vision/HDR10/HLG/BT.2020) for enhanced video quality.
- DSD 11.2MHz support (converted to PCM).
- Integrated Wi-Fi and Bluetooth connectivity.
- AirPlay 2 support.
- Compatibility with various music streaming services (Spotify, TuneIn, Deezer HiFi, Prime Music, radiko).
- Phono Input for turntable connection.
- AccuEQ automatic room calibration.
- Dynamic Audio Amplification for powerful speaker drive and noise reduction.
- Features AK4458 32-bit DAC for high-quality audio conversion.

Figure 1: Front view of the ONKYO TX-NR696 AV Receiver. The receiver features a black brushed metal finish, with a central display showing 'THX Cinema'. On the left are power, pure audio, listening mode, and tone control knobs. On the right is a large volume knob. Below the display are input selection buttons and headphone/auxiliary input jacks.

2. SETUP GUIDE

Follow these steps to correctly set up your ONKYO TX-NR696 AV Receiver for optimal performance.

2.1 Unpacking and Placement

- Carefully remove the receiver from its packaging.
- Place the receiver on a stable, level surface with adequate ventilation. Ensure there is sufficient space around the unit for heat dissipation.

2.2 Connecting Speakers

The TX-NR696 supports a 7.2 channel speaker configuration. Refer to the rear panel diagram for correct speaker terminal connections.

- Connect your speakers to the corresponding terminals (FRONT, CENTER, SURROUND, HEIGHT/SURROUND BACK).
- Ensure correct polarity (+ to + and - to -) for all speaker connections.
- Connect up to two subwoofers to the SUBWOOFER PRE OUT jacks.

2.3 Connecting Audio/Video Sources

Use HDMI cables for high-definition audio and video sources. The receiver features multiple HDMI inputs and outputs.

- Connect your Blu-ray player, game console, streaming device, or other HDMI sources to the HDMI IN ports.
- Connect your TV or projector to the HDMI OUT (MAIN/SUB) port.
- For analog audio sources, use the RCA audio inputs (e.g., PHONO for a turntable).
- For digital audio sources, use the COAXIAL or OPTICAL inputs.

2.4 Network and Power Connection

- Connect an Ethernet cable to the LAN port for a wired network connection, or use the built-in Wi-Fi.
- Plug the power cord into the AC IN socket on the receiver, then into a wall outlet.

Figure 2: Rear panel of the ONKYO TX-NR696 AV Receiver. This image displays the comprehensive array of input and output terminals, including multiple HDMI ports (supporting 4K/HDCP 2.2), digital audio inputs (coaxial and optical), analog audio inputs, speaker terminals for 7.2 channels, Ethernet port, USB port, and the AC power inlet.

3. OPERATION

This section covers the basic operation of your ONKYO TX-NR696 AV Receiver using both the front panel controls and the supplied remote control.

3.1 Power On/Off

- Press the **ON/STANDBY** button on the front panel or the **POWER** button on the remote control to turn the receiver on or off.

3.2 Input Selection

- Use the input selector buttons on the front panel (e.g., BD/DVD, GAME, CBL/SAT) or the corresponding buttons on the remote control to select your desired input source.

3.3 Volume Control

- Adjust the volume using the large **VOLUME** knob on the front panel or the **VOL +/-** buttons on the remote control.
- Press the **MUTE** button on the remote to temporarily silence the audio.

3.4 Sound Modes and Settings

- Press the **LISTENING MODE** button on the front panel or the remote to cycle through various listening modes (e.g., Stereo, Surround, THX Cinema).
- Use the **TONE** buttons (TREBLE, BASS) on the remote to adjust audio characteristics.
- Access the on-screen menu by pressing the **SETUP** button on the remote for advanced settings and calibration.

3.5 Network Features

- Connect to your home network via Wi-Fi or Ethernet to access streaming services like Spotify, TuneIn, and Prime Music.
- Utilize AirPlay 2 or Chromecast built-in for wireless audio streaming from compatible devices.
- Pair Bluetooth devices by pressing the **BLUETOOTH PAIRING** button on the remote and selecting the

receiver from your device's Bluetooth settings.

Figure 3: Remote control (RC-972R) for the ONKYO TX-NR696 AV Receiver. The remote is black with clearly labeled buttons for power, input selection (BD/DVD, GAME, CBL/SAT, STRMBOX, PC, AUX, CD, TV, PHONO, TUNER, NET, BLUETOOTH), navigation, volume, mute, tone adjustments (TREBLE, VOCAL, BASS), and various sound modes (MOVIE/TV, MUSIC, GAME).

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your ONKYO TX-NR696 AV Receiver.

4.1 Cleaning

- Before cleaning, ensure the receiver is turned off and unplugged from the power outlet.
- Wipe the exterior surfaces with a soft, dry cloth. For stubborn dirt, slightly dampen the cloth with water or a mild, non-abrasive cleaner.
- Avoid using harsh chemicals, solvents, or abrasive materials, as these can damage the finish.

4.2 Ventilation

- Ensure that the ventilation openings on the top and sides of the receiver are not blocked. Proper airflow is crucial to prevent overheating.
- Do not place the receiver in an enclosed cabinet without adequate air circulation.

5. TROUBLESHOOTING

If you encounter issues with your ONKYO TX-NR696 AV Receiver, refer to the following common troubleshooting steps. For more complex problems, consult the full service manual or contact customer support.

5.1 No Power

- Check if the power cord is securely plugged into both the receiver and the wall outlet.
- Verify that the wall outlet is functioning by plugging in another device.

5.2 No Sound

- Ensure the correct input source is selected.
- Check that the volume is not set to minimum or muted.
- Verify all speaker connections are secure and correctly polarized.
- Confirm that the audio cables from your source devices are properly connected to the receiver.
- If using HDMI, ensure your TV's audio output settings are configured correctly (e.g., ARC/eARC enabled if applicable).

5.3 No Picture

- Ensure the correct input source is selected on the receiver and your TV.
- Check all HDMI cable connections between source devices, the receiver, and the TV.
- Try connecting the source device directly to the TV to rule out issues with the source or TV.

5.4 Network Connectivity Issues

- For wired connections, ensure the Ethernet cable is properly connected to both the receiver and your router.
- For Wi-Fi, verify that the receiver is within range of your wireless router and that the Wi-Fi password is entered correctly.
- Restart your router and the receiver.

6. SPECIFICATIONS

Detailed technical specifications for the ONKYO TX-NR696 AV Receiver.

Feature	Specification
Product Model Number	TX-NR696(B)
Color	Black
Compatible Item	Speakers
Wattage	505 W
Brand	Onkyo
Connectivity Technology	Bluetooth, Wi-Fi
HDMI Ports Total	7
Surround Sound Channel Configuration	7.2
Product Weight	10 Kilograms
Channels	7

Figure 4: Angled front view of the ONKYO TX-NR696 AV Receiver. This perspective highlights the sleek design and the arrangement of the front panel controls and display, including the large volume knob on the right and input selectors below the main screen.

7. WARRANTY AND SUPPORT

Your ONKYO TX-NR696 AV Receiver comes with a manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions, including the warranty period and coverage details.

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact Onkyo customer support. Contact information can typically be found on the official Onkyo website or in the documentation provided with your product.

When contacting support, please have your product model number (TX-NR696) and serial number ready, as this will help expedite the support process.

Related Documents - TX-NR696

	[Onkyo TX-RZ920 AV Receiver Basic Manual](#) This document provides a basic manual for the Onkyo TX-RZ920 AV Receiver, detailing installation, setup, connections, playback options, network functions, and listening modes for optimal home theater experience.
	[Onkyo TX-NR646 AV Receiver Basic Manual](#) A comprehensive basic manual for the Onkyo TX-NR646 AV Receiver, covering connections, initial setup, playback, and advanced features. Learn how to set up speakers, connect devices via HDMI and other inputs, configure network settings, and utilize various listening modes for an immersive audio experience.
	[Onkyo TX-RZ820 AV Receiver User Manual and Setup Guide](#) Comprehensive guide for the Onkyo TX-RZ820 AV Receiver, detailing setup, connections, features, operation, and troubleshooting for a high-fidelity home theater experience.

[Onkyo TX-NR696 Firmware Update Details](#)
Comprehensive guide to firmware updates for the Onkyo TX-NR696 AV Receiver, including release notes for various dates, step-by-step instructions for USB and network installation, and important precautions.

[ONKYO TX-NR646 AV Receiver Basic Manual - Setup and Operation Guide](#)
Comprehensive user manual for the ONKYO TX-NR646 AV Receiver, detailing connections, initial setup procedures like AccuEQ room calibration, playback options from various sources (USB, Network, Bluetooth, Radio), multi-zone audio, troubleshooting, and technical specifications.

[ONKYO TX-NR555 AV Receiver Basic Manual](#)
A comprehensive guide to setting up and operating the ONKYO TX-NR555 AV Receiver, covering speaker configuration, connections, initial setup, playback modes, and network features.