

Yamaha NX-50

Yamaha NX-50 Premium Computer Speakers Instruction Manual

Model: NX-50

1. INTRODUCTION AND OVERVIEW

The Yamaha NX-50 Premium Computer Speakers are designed to provide high-quality audio for various devices, including personal computers, laptops, tablets, and smartphones. Featuring a unique cabinet shape and front-ported design, these speakers deliver clear sound reproduction.

Key Features:

- Dual mini-jack inputs with auto-mix functionality for simultaneous playback from two audio sources.
- Front-panel volume control and headphone jack for convenient access.
- Automatic standby mode for power efficiency, eliminating the need for manual power cycling.
- Robust construction with metal grilles for durability and aesthetic appeal.
- Versatile connectivity for computers, TVs, smartphones, and tablets.

2. PACKAGE CONTENTS

Verify that all items listed below are present in the package:

- Yamaha NX-50 Speaker Units (Left and Right)
- AC Power Adapter
- 3.5mm Stereo Mini Cable (Audio Input Cable)
- Speaker Connection Cable (for connecting left and right speakers)

3. SETUP

Follow these steps to set up your Yamaha NX-50 speakers:

1. **Placement:** Position the left and right speakers on a stable, flat surface, such as a desk or shelf. Ensure they are equidistant from your listening position for optimal stereo imaging. The right speaker

typically houses the main controls and connections.

2. **Connect Speakers:** Connect the left speaker to the right speaker using the provided speaker connection cable. This cable typically connects to a dedicated output on the right speaker and an input on the left speaker.
3. **Connect Audio Source:** Use the 3.5mm stereo mini cable to connect your audio source (e.g., computer, smartphone) to one of the "INPUT" jacks on the rear of the right speaker. The NX-50 features two mini-jack inputs, allowing you to connect two sources simultaneously.
4. **Connect Power:** Plug the AC power adapter into the "DC IN" jack on the rear of the right speaker, then plug the adapter into a standard electrical outlet.
5. **Power On:** Turn on the main power switch located on the rear of the right speaker. The power indicator on the front panel will illuminate.



Image: Yamaha NX-50 speakers integrated into a home entertainment setup, demonstrating typical placement next to a television.



Image: A close-up view of the Yamaha NX-50 speakers, highlighting their design and front grilles.

4. OPERATING INSTRUCTIONS

Power On/Off and Standby:

After connecting the power adapter and turning on the main power switch on the rear, the speakers will enter an active state. The NX-50 features an automatic standby function. If no audio signal is detected for a period, the speakers will automatically enter a low-power standby mode. They will automatically reactivate when an audio signal is detected again. This feature helps conserve energy.

Volume Control:

Adjust the overall volume using the large rotary knob located on the front panel of the right speaker. Turn clockwise to increase volume and counter-clockwise to decrease it.

Headphone Output:

A 3.5mm headphone jack is located on the front panel of the right speaker. Plugging in headphones will mute the main speakers, allowing for private listening.

Connecting Multiple Audio Sources:

The NX-50 includes two mini-jack inputs. You can connect two different audio devices simultaneously. The speakers will automatically mix the audio from both sources, allowing for seamless transitions or combined playback.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your speakers.

- **Cleaning:** Gently wipe the speaker cabinets with a soft, dry cloth. For stubborn dirt, slightly dampen the cloth with water. Avoid using abrasive cleaners, solvents, or chemical sprays, as these can damage the finish.
- **Grilles:** The metal grilles can be carefully cleaned with a soft brush to remove dust. Do not attempt to remove the grilles.
- **Ventilation:** Ensure that the speakers have adequate ventilation around them. Do not block any vents or place them in enclosed spaces that could lead to overheating.
- **Storage:** If storing the speakers for an extended period, disconnect them from power and store them in a cool, dry place, away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

If you encounter issues with your Yamaha NX-50 speakers, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from speakers.	<ul style="list-style-type: none"> ◦ Power not connected or turned on. ◦ Volume too low. ◦ Audio cable disconnected or faulty. ◦ Audio source not playing or muted. ◦ Headphones plugged in. 	<ul style="list-style-type: none"> ◦ Ensure power adapter is securely connected and main power switch is ON. ◦ Increase speaker volume and audio source volume. ◦ Check audio cable connections at both the speaker and the source. Try a different cable. ◦ Verify audio playback on the source device and ensure it is not muted. ◦ Unplug headphones from the front jack.
Distorted or unclear sound.	<ul style="list-style-type: none"> ◦ Volume set too high (clipping). ◦ Poor audio cable connection. ◦ Interference from other electronic devices. ◦ Low-quality audio source. 	<ul style="list-style-type: none"> ◦ Reduce the volume on both the speakers and the audio source. ◦ Check and re-secure all audio cable connections. ◦ Move speakers away from devices like mobile phones or Wi-Fi routers. ◦ Try a different audio source or higher quality audio files.
Speakers not entering auto standby.	<ul style="list-style-type: none"> ◦ Constant low-level audio signal. 	<ul style="list-style-type: none"> ◦ Ensure the audio source is completely paused or disconnected if you wish for the speakers to enter standby. Some devices may output a very low-level signal even when "silent."

7. SPECIFICATIONS

Feature	Detail
Model Name	NX-50
Speaker Type	Desktop
Recommended Uses	For Computers, TV, Smartphones, Tablets
Compatible Devices	Smartphone, Tablet, Desktop, Laptop
Unit Count	2.0 Count (Pair)
Surround Sound Channel Configuration	2.0
Color	Black
Product Dimensions (each speaker)	3.4"D x 7.3"W x 7.3"H
Item Weight	4.3 Pounds (total for pair)
Impedance	6 Ohm
Number of Items	2 (speakers)
Control Method	Manual (Front Panel Volume)
Wireless Communication Technology	None (Wired)
Speaker Size	2.75 Inches (driver)
Power Source	AC (via adapter)
Audio Driver Type	Dynamic Driver
Speaker Maximum Output Power	75 Watts
Connectivity Technology	Auxiliary (3.5mm mini-jack)
Audio Output Mode	Stereo
Mounting Type	Tabletop Mount
Manufacturer	Yamaha Electronics

8. WARRANTY AND SUPPORT

Limited Warranty:

The Yamaha NX-50 speakers come with a limited warranty. Please refer to the warranty card included with your product or visit the official Yamaha website for detailed terms and conditions regarding warranty coverage, duration, and claims procedures. Keep your proof of purchase for warranty validation.

Customer Support:

For technical assistance, troubleshooting beyond this manual, or service inquiries, please contact Yamaha customer support. Contact information can typically be found on the official Yamaha website or in the product packaging.

