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> [Nakamichi NQ821B Bluetooth CD/USB/AUX Tuner User Manual](#)

## Nakamichi NQ821B

# Nakamichi NQ821B Bluetooth CD/USB/AUX Tuner User Manual

Model: NQ821B | Brand: Nakamichi

## 1. INTRODUCTION

Thank you for choosing the Nakamichi NQ821B Bluetooth CD/USB/AUX Tuner. This manual provides essential information for the proper installation, operation, and maintenance of your car stereo receiver. Please read this manual thoroughly before using the product to ensure correct usage and to prevent damage.

## 2. SAFETY INFORMATION

- **Power Supply:** This unit is designed to operate on a DC 12V power supply. Ensure your vehicle's electrical system meets this requirement.
- **Professional Installation:** For optimal performance and safety, professional installation by a qualified technician is highly recommended. Incorrect wiring can cause damage to the unit or the vehicle.
- **Avoid Moisture:** Do not expose the unit to water or excessive moisture.
- **Temperature:** Operate the unit within normal vehicle operating temperatures.
- **Driving Safety:** Do not operate the unit in a way that distracts you from driving. Always prioritize road safety.

## 3. PRODUCT OVERVIEW

The Nakamichi NQ821B is a versatile car stereo receiver featuring multiple audio sources and connectivity options. Below are images illustrating the main unit and its key components.



**Figure 3.1:** Front view of the Nakamichi NQ821B unit, showing the display, control knob, and various buttons for source selection and playback.



**Figure 3.2:** Detailed view of the front panel, highlighting the digital display showing time and source information, along with the main control knob and function buttons.



Figure 3.3: Close-up of the right side of the unit, showing the USB port, display details, and media control buttons.

## 4. SETUP AND INSTALLATION

Proper installation is crucial for the performance and longevity of your NQ821B tuner. It is strongly recommended that installation be performed by a professional.

### 4.1 Wiring Connections

- **Power:** Connect the yellow wire to a constant 12V power source, the red wire to an accessory 12V switched power source, and the black wire to ground.
- **Speakers:** Connect speaker wires to the corresponding positive (+) and negative (-) terminals. Ensure correct polarity for optimal sound. The unit supports a 4.0 surround sound channel configuration.
- **Antenna:** Connect the vehicle's antenna cable to the antenna input on the rear of the unit.
- **Auxiliary Input:** For external audio devices, connect a 3.5mm audio cable to the AUX input.
- **USB Port:** For USB media playback or charging compatible devices, use the front USB port.

### 4.2 Initial Power On

After all connections are securely made, turn on your vehicle's ignition. Press the power button on the unit to turn it on. The display should illuminate.

## 5. OPERATING INSTRUCTIONS

### 5.1 Power On/Off and Volume Control

- Press the **POWER/MODE** button to turn the unit on or off.
- Rotate the **VOL/SEL** knob to adjust the volume level.

## 5.2 Source Selection

Press the **MODE** button repeatedly to cycle through available audio sources: Tuner (AM/FM), CD, USB, AUX, and Bluetooth.

## 5.3 Bluetooth Operation

1. Select **Bluetooth** mode using the MODE button.
2. On your compatible device (e.g., smartphone, tablet), enable Bluetooth and search for available devices.
3. Select "NQ821B" from the list of devices to pair. A confirmation tone or message may appear.
4. Once paired, you can stream audio from your device to the NQ821B. Use the unit's controls or your device to manage playback.

## 5.4 CD/USB Playback

- Insert a CD into the disc slot or a USB drive into the USB port. The unit will automatically switch to the corresponding source and begin playback.
- Use the **PLAY/PAUSE**, **SKIP**, and **FOLDER** buttons to control playback.

## 5.5 Radio Tuner (AM/FM)

- Select **Tuner** mode.
- Press the **BAND** button to switch between FM1, FM2, FM3, and AM bands.
- Use the **SEEK** buttons to automatically search for strong stations.
- Press and hold **SEEK** buttons for manual tuning.
- To save a station as a preset, tune to the desired station, then press and hold one of the numeric preset buttons (1-6) until you hear a confirmation beep.

## 5.6 Audio Settings

Press the **VOL/SEL** knob briefly to access audio settings such as Bass, Treble, Balance, Fader, and Equalizer presets. Rotate the knob to adjust values and press again to confirm or move to the next setting.

## 6. MAINTENANCE

- **Cleaning the Unit:** Use a soft, dry cloth to wipe the front panel. Do not use abrasive cleaners or solvents.
- **CD Care:** Handle CDs by their edges. Keep them clean and free of scratches. Do not use damaged or irregularly shaped discs.
- **USB Port:** Keep the USB port free from dust and debris.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Incorrect wiring; Blown fuse; Vehicle ignition off.	Check power connections (yellow, red, black wires). Inspect vehicle fuses. Ensure ignition is on.

Problem	Possible Cause	Solution
No sound	Volume too low; Mute function active; Incorrect speaker wiring; Source not selected.	Increase volume. Deactivate mute. Verify speaker connections. Select correct audio source.
Bluetooth pairing fails	Device too far; Bluetooth not enabled on device; Incorrect pairing procedure.	Ensure device is within range. Enable Bluetooth on your device. Repeat pairing steps (Section 5.3).
CD/USB not playing	Disc/USB damaged or incompatible format; Incorrect source selected.	Try a different disc/USB. Ensure media format is supported. Select CD or USB source.

## 8. SPECIFICATIONS

Feature	Detail
Model Number	NQ821B
Power Supply	DC 12V
Output Power	50 Watts
Audio Output Mode	Stereo
Surround Sound Channel Configuration	4.0
Connectivity Technology	Auxiliary, Bluetooth, USB
Controller Type	iOS
Special Feature	AM Tuner
Compatible Devices	Laptop, Smartphone, Tablet
Connector Type	3.5mm Jack, USB
Product Dimensions	6 x 6 x 6 inches
Item Weight	1 pounds

## 9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the official Nakamichi website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

You can find more information and support on the [Nakamichi Store on Amazon](#).

