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Nakamichi NQ711B, NSE-1617, 4378853703753

Nakamichi NQ711B Car Stereo Receiver and NSE-1617 Speaker System User Manual

Model: NQ711B Digital Media Receiver & NSE-1617 6.5-inch 4-Way Coaxial Speakers



1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Nakamichi NQ711B Single DIN Digital Media Player and NSE-1617 6.5-inch 4-Way Coaxial Speakers. Please read this manual thoroughly before using the product to ensure proper operation and to prevent damage.

2. SAFETY INFORMATION

- Always consult a professional for installation if you are unsure about any steps.
- Ensure all wiring is correctly connected to prevent short circuits or damage to the unit and vehicle.
- Do not operate the unit in a way that distracts you from driving.
- Keep the volume at a level where you can still hear outside traffic sounds.
- Avoid exposing the unit to moisture or extreme temperatures.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Nakamichi NQ711B Digital Media Player
- 2 Pairs (4 Speakers) Nakamichi NSE-1617 6.5-inch 4-Way Coaxial Speakers
- IR Remote Controller
- ISO Male Connector
- Disassembly Tool
- Speaker Frames and Screws
- User Manual (this document)

4. PRODUCT OVERVIEW

4.1 NQ711B Digital Media Receiver

The NQ711B is a Single DIN mechless digital media player featuring Bluetooth 4.0, USB, and AUX connectivity. It includes a detachable front panel for security.



Figure 1: Front view of the Nakamichi NQ711B Digital Media Receiver. Shows the main display, control knob, and various buttons for EQ, Band, Disp, Skip, Call, and AUX input.



Figure 2: The Nakamichi NQ711B receiver with its detachable front panel removed, illustrating the security feature.

4.2 NSE-1617 6.5-inch 4-Way Coaxial Speakers

The NSE-1617 speakers are 6.5-inch 4-way coaxial speakers designed for clear audio reproduction.



Figure 3: Front view of the Nakamichi NSE-1617 6.5-inch 4-Way Coaxial Speaker, showing the cone and tweeter assembly.



Figure 4: Rear view of the Nakamichi NSE-1617 speaker, showing the magnet structure and terminal connections.

5. INSTALLATION

5.1 NQ711B Receiver Installation

The NQ711B features a short chassis design for easier installation in various vehicle dashboards. Use the provided ISO male connector and disassembly tool as needed.

1. Disconnect the vehicle's negative battery terminal before starting installation.
2. Remove the existing car stereo using appropriate tools.
3. Connect the wiring harness from the NQ711B to the vehicle's wiring. Refer to the wiring diagram for correct connections.
4. Slide the NQ711B into the DIN opening until it locks into place.
5. Reconnect the vehicle's negative battery terminal.



Figure 5: Rear view of the Nakamichi NQ711B receiver, showing the wiring harness connector, RCA preamp outputs, and antenna input.

5.2 NSE-1617 Speaker Installation

The NSE-1617 speakers have a mounting depth of 1.8 inches. Use the included frames and screws for secure installation.

1. Identify suitable mounting locations in your vehicle.
2. Ensure the mounting depth and diameter are compatible with the speakers.
3. Connect the speaker wires to the positive and negative terminals of each speaker.
4. Mount the speakers securely using the provided screws and frames.

5.3 Wiring Diagram (General)

A general wiring diagram is typically provided with the unit. Ensure connections for power (constant and switched), ground, speakers, and antenna are correctly made. Incorrect wiring can cause damage to the unit or vehicle electrical system.

6. OPERATING INSTRUCTIONS

6.1 Basic Operation

- **Power On/Off:** Press the **U/MODE** button to turn the unit on or off.
- **Volume Control:** Rotate the large central knob to adjust the volume.
- **Source Selection:** Press the **U/MODE** button repeatedly to cycle through available sources (AM/FM, USB, AUX, Bluetooth).
- **Display:** The 2-line large white VA LCD with blue LED button illumination provides clear information.
- **EQ Presets:** Press the **EQ** button to cycle through preset equalizer settings (User, Flat, Classic, Rock, Pop).

6.2 Bluetooth Operation

The NQ711B supports Bluetooth 4.0 for audio streaming and hands-free calling.

1. **Pairing:** Ensure Bluetooth is enabled on your smartphone. Select "NQ711B" from the list of available devices. The unit supports auto-pairing for iOS and Android smartphones.
2. **Audio Streaming:** Once paired, you can stream audio from your device to the NQ711B. Use the skip buttons (">>, <<) to change tracks.
3. **Hands-free Calling:** When a call comes in, the unit will display the caller ID. Press the call button (phone icon) to answer or end a call.
4. **Smartphone App Control:** Download the Nakamichi app to control the receiver via Bluetooth from your smartphone.

6.3 USB and AUX Operation

- **USB Playback:** Insert a USB drive into the front USB port. The unit will automatically detect and play supported audio files (MP3, WMA, ACC, FLAC). The USB port also provides 1 amp charging for devices.
- **AUX Input:** Connect an external audio device to the front 3.5mm AUX input using an audio cable. Select the AUX source on the unit.

6.4 Radio Operation

- **AM/FM Tuner:** Select the AM or FM source.
- **RDS:** The unit supports RDS (Radio Data System) for displaying station information where available.
- **Station Search:** Use the skip buttons (">>, <<) to search for stations.
- **Preset Stations:** Save your favorite stations to the preset buttons (1-6) for quick access.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the unit's display and buttons. Do not use abrasive cleaners or solvents.
- **Detachable Front Panel:** Handle the detachable front panel with care. Store it in a protective case when removed to prevent scratches or damage.
- **Connections:** Periodically check all wiring connections to ensure they are secure.

8. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions:

- **No Power:** Check the vehicle's fuse box and the unit's wiring connections. Ensure the constant and switched power wires are correctly connected.
- **No Sound:** Verify speaker connections. Check the volume level and ensure the mute function is not active. Confirm the correct audio source is selected.
- **Bluetooth Not Connecting:** Ensure Bluetooth is enabled on both the NQ711B and your smartphone. Delete previous pairings and attempt to re-pair. Move closer to the unit.
- **Remote Control Not Working:** Check the battery in the remote control. Ensure there are no obstructions between the remote and the unit's IR sensor.
- **USB Device Not Recognized:** Ensure the USB device is formatted correctly (FAT32) and contains supported audio files. Try a different USB device.

9. SPECIFICATIONS

9.1 NQ711B Digital Media Receiver

- **Chassis Type:** Single DIN, Short Chassis
- **Display:** 2-line White VA LCD with Blue LED Button Illumination
- **Bluetooth:** Version 4.0 (Audio Streaming, Hands-free Calling, App Control)
- **Audio File Support:** MP3, WMA, ACC, FLAC
- **Inputs:** Front USB (1 Amp Charging), Front AUX (3.5mm Jack)
- **Tuner:** AM/FM with RDS
- **Amplifier:** MOSFET, 50 Watts x 4 Channels Max Output
- **Preamp Outputs:** 4 Channels, 2-Volt
- **EQ:** User/Flat/Classic/Rock/Pop Presets
- **Dimensions:** 10 x 10 x 10 inches (Product Dimensions, approximate)
- **Weight:** 1 pound (approximate)

9.2 NSE-1617 6.5-inch 4-Way Coaxial Speakers

- **Speaker Type:** 6.5-inch 4-Way Coaxial
- **Max Power:** 200 Watts per speaker
- **Frequency Response:** 85 Hz to 20 kHz
- **Impedance:** 4 Ohms
- **Sensitivity:** 86 dB at 1 watt/1 meter (+/-3 dB)
- **Voice Coil:** Single
- **Tweeter Design:** Unique
- **Surround:** Foam for greater efficiency and longer life
- **Cone Material:** Polypropylene for smooth and well-damped mid-bass sound
- **Mounting Depth:** 1.8 inches

10. WARRANTY INFORMATION

This product comes with a One Year warranty. The country of origin for manufacturing is China. Please retain your proof of purchase for warranty claims. For specific warranty terms and conditions, refer to the documentation included with your purchase or contact Nakamichi customer support.

11. CUSTOMER SUPPORT

For further assistance, technical support, or warranty inquiries, please visit the official Nakamichi website or contact their customer service department. Contact information can typically be found on the manufacturer's website or in the product packaging.

