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› RetroSound New York 1.5 DIN Car Stereo User Manual

Retro Manufacturing NY-M2-264-660

RetroSound New York 1.5 DIN Car Stereo User Manual

Model: NY-M2-264-660

1. INTRODUCTION

The RetroSound New York is an advanced 1.5 DIN direct-fit car stereo designed for classic vehicles. It offers modern features such as Bluetooth 5.0 for hands-free calls and audio streaming, a rear USB port for flash drives and device charging, and an AM/FM tuner with 30 presets. The unit includes a built-in 300-watt (peak power) MOSFET amplifier and an adjustable color display to complement your vehicle's interior. This manual provides detailed instructions for installation, operation, and maintenance of your RetroSound New York stereo.

2. SAFETY INFORMATION

- Always consult a professional for installation if you are unsure about any steps.
- Ensure the vehicle's battery is disconnected before beginning installation to prevent electrical shorts.
- Do not operate the stereo in a manner that distracts you from driving.
- Avoid exposing the unit to extreme temperatures, moisture, or direct sunlight for prolonged periods.
- Use only specified power and speaker wiring to prevent damage to the unit or vehicle.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- RetroSound New York Radio Control Face
- Motor 2 Radio Body
- 264-660 Installation Kit
- Bluetooth Microphone
- InfiniMount Brackets (Pair)
- Knob Shafts (Pair)
- Mounting Strap (8.5 inches)
- Wiring Harness (with bare wire connectors)
- Hardware (screws, bolts)



The patented InfiMount brackets allow you mount your shafts at virtually any angle.

INFINIMOUNT BRACKET

Figure 3.1: InfiMount Brackets. These brackets allow flexible positioning of the control shafts.



KNOB SHAFTS

Figure 3.2: Knob Shafts. These shafts connect the control knobs to the radio body.



*Anchor point for 8.5" mounting strap.
Hardware included.*



MOUNTING STRAP

Figure 3.3: Mounting Strap. An 8.5-inch strap for securing the radio body in the dash.



MICROPHONE

Figure 3.4: Bluetooth Microphone. Used for hands-free calling.

4. SETUP AND INSTALLATION

The RetroSound New York features a modular design for flexible installation. Assembly is required. It is designed to fit seamlessly into your vehicle's dash without additional faceplates or bezels.

4.1. Pre-Installation Steps

1. Disconnect the vehicle's battery to prevent electrical damage.
2. Remove the existing radio from the dashboard.
3. Identify the vehicle's wiring harness. The included wiring harness may require splicing bare wire connectors to match your vehicle's specific wiring.

4.2. Assembling the Radio Body and Faceplate

- Attach the control faceplate to the Motor 2 radio body using the four small bolts provided. These bolts are often found in a small sachet within the hardware kit.
- Connect the knob shafts to the control faceplate. The patented InfiniMount brackets allow you to adjust the shafts to virtually any angle for optimal fitment in your dash.

4.3. Wiring Connections



Figure 4.1: Rear View of Radio Body with Connections. Shows ports for antenna, external microphone, radio controls, power/speakers, USB, and RCA line outputs.

- **Power/Speakers:** Connect the main wiring harness to the vehicle's power and speaker wires. Ensure correct polarity.
- **Antenna:** Connect your vehicle's antenna cable to the antenna input on the radio body.
- **External Microphone:** Plug the included Bluetooth microphone into the designated port for hands-free calling.
- **USB:** The rear-mounted USB port allows connection of flash drives for media playback and provides 2.1-amp device charging.
- **RCA Line Outputs:** Use the front, rear, and dedicated subwoofer RCA pre-outs to connect external amplifiers if desired.
- **Radio Controls:** Connect the control faceplate to the radio body.

4.4. Mounting the Radio

- Slide the assembled radio into the dash opening.
- Secure the radio body using the 8.5-inch mounting strap. The radio body has an anchor point for this strap.
- Ensure the radio is firmly seated and does not obstruct any vehicle controls.

5. OPERATING INSTRUCTIONS

5.1. Basic Controls

- **Power On/Off:** Press the main volume knob to turn the unit on or off.
- **Volume Control:** Rotate the main knob to adjust the volume.
- **Source Selection:** Use the designated button (often labeled "SRC" or "MODE") to cycle through available audio sources (AM, FM, Bluetooth, USB).
- **Display Adjustment:** Access the menu settings to adjust the color display to match your vehicle's interior lighting.

5.2. AM/FM Radio Operation

- **Tuning:** Use the tuning knobs or buttons to scan for radio stations.

- **Presets:** The unit supports 30 AM/FM presets. To save a station, tune to the desired frequency, then press and hold a preset button until you hear a confirmation beep.
- **RDS (Radio Data System):** If available in your region, RDS will display station information such as song title or artist.
- **Tuner Frequencies:** The tuner supports selectable frequencies for USA, EUR, AUS, JAP, and RUS regions. Adjust this in the system settings if necessary.

5.3. Bluetooth Connectivity

- **Pairing:**
 - a. Ensure Bluetooth is enabled on your mobile device.
 - b. Select "Bluetooth" as the source on the RetroSound New York.
 - c. On your mobile device, search for available Bluetooth devices and select "RetroSound New York" (or similar name).
 - d. Confirm pairing if prompted.
- **Hands-Free Calling:** Once paired, you can make and receive calls through the stereo using the external microphone.
- **Audio Streaming:** Stream music wirelessly from your paired device.

5.4. USB Playback

- Insert a USB flash drive into the rear USB port.
- Select "USB" as the audio source.
- The unit supports MP3, WMA, and FLAC audio formats.
- The USB port also provides 2.1-amp charging for compatible devices.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the unit's display and controls. Do not use abrasive cleaners or solvents.
- **Environmental Conditions:** Avoid exposing the unit to extreme heat, cold, or high humidity.
- **Connections:** Periodically check all wiring connections to ensure they are secure.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Loose power connection; Blown fuse; Vehicle battery disconnected.	Check power wiring; Inspect and replace fuse if necessary; Reconnect vehicle battery.
No sound	Volume too low; Mute activated; Loose speaker connections; Incorrect source selected.	Increase volume; Deactivate mute; Check speaker wiring; Select correct audio source.
Bluetooth not pairing	Bluetooth not enabled on device; Device too far; Unit not in pairing mode.	Ensure Bluetooth is on; Bring device closer; Put stereo in Bluetooth pairing mode.
USB not reading	Unsupported file format; Corrupted USB drive; Loose USB connection.	Ensure files are MP3, WMA, or FLAC; Try a different USB drive; Reinsert USB drive firmly.
Poor radio reception	Antenna not connected; Damaged antenna; Weak signal area.	Check antenna connection; Inspect antenna for damage; Try tuning to stronger stations.

8. SPECIFICATIONS

- **Model Number:** NY-M2-264-660
- **Product Dimensions:** 12 x 5 x 15 inches
- **Item Weight:** 5 pounds
- **Amplifier:** Built-in 300-watt (peak power) Mosfet amplifier, 25 watts RMS x 4 channels
- **Connectivity:** Bluetooth 5.0, Rear USB port (2.1-amp charging), 3.5mm Jack (implied by "Connector Type"), RCA pre-outs (Front, Rear, Subwoofer)
- **Tuner:** AM/FM RDS tuner with 30 presets, Selectable frequencies (USA/EUR/AUS/JAP/RUS)
- **Audio Formats:** MP3, WMA, FLAC
- **Display:** Adjustable color display
- **Memory:** Non-volatile memory
- **Compatible Devices:** Smartphone
- **Controller Type:** Mechanical knob
- **Audio Output Mode:** Stereo
- **Surround Sound Channel Configuration:** 4 Channel, 5 Channel

9. WARRANTY INFORMATION

The RetroSound New York car stereo comes with a **1-Year Warranty** from the date of purchase. Please retain your proof of purchase for warranty claims. The warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by improper installation, accident, misuse, abuse, neglect, or unauthorized modification.

10. CUSTOMER SUPPORT

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Retro Manufacturing customer support. Refer to the official Retro Manufacturing website for the most current contact information.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

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Model number, symptoms, what you tried, or the section of the manual you are using.

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