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> Nulaxy NX09 Bluetooth FM Transmitter User Manual

Nulaxy NX09

Nulaxy NX09 Bluetooth FM Transmitter User Manual

Model: NX09 | Brand: Nulaxy

INTRODUCTION

Thank you for choosing the Nulaxy NX09 Bluetooth FM Transmitter. This device allows you to stream music and make hands-free calls through your car's FM radio. It features Bluetooth 5.0 for stable connections, QC3.0 fast charging, and multiple music playback options. Please read this manual carefully to ensure proper use and optimal performance.

PRODUCT OVERVIEW

Key Features:

- **Bluetooth V5.0:** Provides a fast and stable wireless connection for audio streaming and calls.
- **QC3.0 Quick Charge:** One USB port offers up to 4 times faster charging for compatible devices, reaching 80% in approximately 35 minutes.
- **Additional USB Charging Port:** A 5V/1A USB port for standard charging, also functions as a USB flash drive input for music playback.
- **Hands-Free Calling:** Built-in microphone with CVC noise-cancellation technology for clear calls.
- **Voice Assistant Support:** Compatible with Siri and Google Assistant for voice commands and navigation.
- **Multiple Music Playback Modes:** Play music via Bluetooth, USB flash drive (up to 32GB), or microSD card (up to 32GB).
- **7-Color LED Backlight:** Customizable LED lighting to enhance your car's interior ambiance.
- **Voltage Detection:** Monitors your car battery's voltage in real-time.
- **Safety Protections:** Equipped with overcurrent, overvoltage, overcharge, overload, overheat, and short circuit protection.

Package Contents:

- Nulaxy NX09 Bluetooth FM Transmitter
- User Manual

SETUP INSTRUCTIONS

1. **Insert into Car Cigarette Lighter:** Plug the Nulaxy NX09 into your vehicle's 12V-24V cigarette lighter socket. The device will power on automatically and display the current car battery voltage.



Image: The Nulaxy NX09 Bluetooth FM Transmitter inserted into a car's power outlet, displaying its LED screen.

2. **Tune Car FM Radio:** Adjust your car's FM radio to an unused, blank frequency (a channel without any broadcast) between 88.1 MHz and 107.9 MHz.
3. **Set Transmitter Frequency:**
 - Long press the "Previous" or "Next" button on the transmitter until the FM frequency display starts flashing.
 - Rotate the multi-function knob or press the "Previous" / "Next" buttons to match the transmitter's frequency to the blank FM frequency you selected on your car radio.
4. **Pair via Bluetooth:**
 - Enable Bluetooth on your mobile device.
 - Search for available Bluetooth devices and select "NX09" to connect.
 - Once connected, you will hear a confirmation tone, and the device is ready for audio streaming and hands-free calls.

OPERATING INSTRUCTIONS

Music Playback:

The Nulaxy NX09 supports three modes for music playback: Bluetooth, USB Flash Drive, and microSD Card.

- **Bluetooth Mode:** After successful Bluetooth pairing, play music directly from your connected mobile device.
- **USB Flash Drive Mode:** Insert a USB flash drive (up to 32GB, formatted with supported audio files like WMA, MP3, WAV, APE, FLAC) into the 5V/1A USB port. The device will automatically detect and play music from the drive.
- **microSD Card Mode:** Insert a microSD card (up to 32GB, formatted with supported audio files) into the designated slot. The device will automatically detect and play music from the card.

3 Music Import Modes

Where there is music, there is happiness



Image: The Nulaxy NX09 displaying its capability to play music from Bluetooth, a USB flash drive, or a microSD card.

Use the "Previous" and "Next" buttons to skip tracks. Rotate the multi-function knob to adjust the volume.

Hands-Free Calling:

When a call comes in, the device will announce the incoming phone number. Use the multi-function knob for call management:

- **Answer Call:** Press the multi-function knob once.
- **End Call:** Press the multi-function knob once during a call.
- **Reject Call:** Long press the multi-function knob.
- **Redial Last Number:** Double-press the multi-function knob.



Image: A user interacting with the Nulaxy NX09's multi-function knob to manage a phone call, highlighting the ease of hands-free operation.

Voice Assistant:

The NX09 supports voice assistants like Siri and Google Assistant for navigation, sending texts, and other commands.

- **Activate Voice Assistant:** Press and hold the dedicated voice assistant button (often marked with a microphone icon) or the multi-function knob (refer to specific device markings) to activate your phone's voice assistant.

Support Voice Navigation

Offers a safer and easier driving



Image: The Nulaxy NX09 facilitating voice navigation with Siri and Google Assistant on connected smartphones.

LED Backlight:

The device features 7 LED backlight colors. Press the LED light button (often marked with a light bulb icon) to cycle through the available colors (Red, Green, Blue, Yellowish Green, Purple, Cyan, Silver White) or to turn the lights off.

7 Colors LED Lights

Bring a colorful journey to you

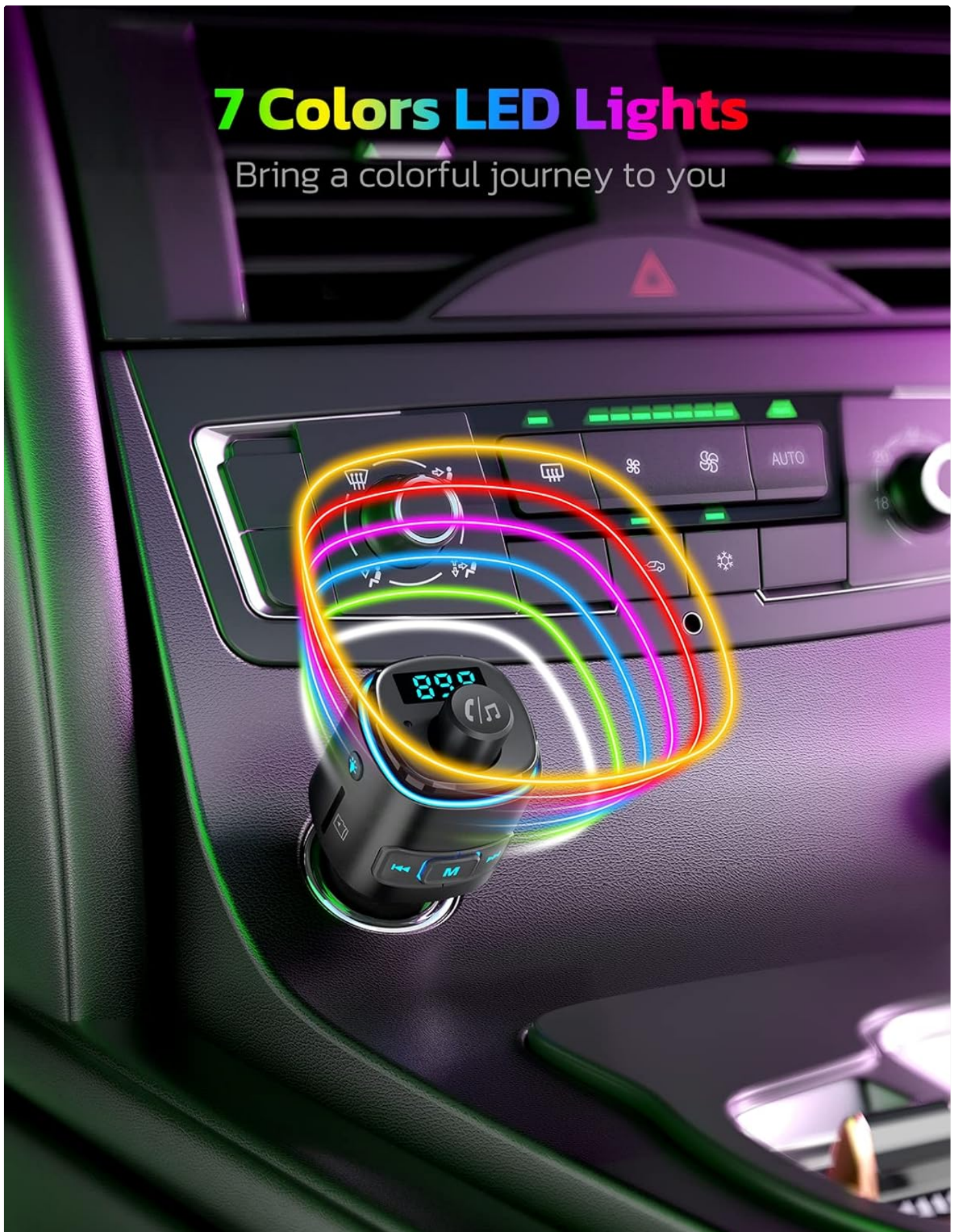


Image: The Nulaxy NX09 showcasing its 7-color LED backlight feature, creating a vibrant car environment.

Charging Devices:

The NX09 includes two USB charging ports:

- **QC3.0 Port:** For fast charging compatible devices.
- **5V/1A Port:** For standard charging and USB flash drive music playback.

You can charge two devices simultaneously.



Image: The Nulaxy NX09 demonstrating its dual charging capability, with one phone connected to the QC3.0 port and another to the 5V/1A port.

Voltage Monitoring:

The device displays your car battery's voltage on its LED screen. This allows you to monitor the battery condition. If the

voltage drops below 12V, it is recommended to check or replace your car battery.

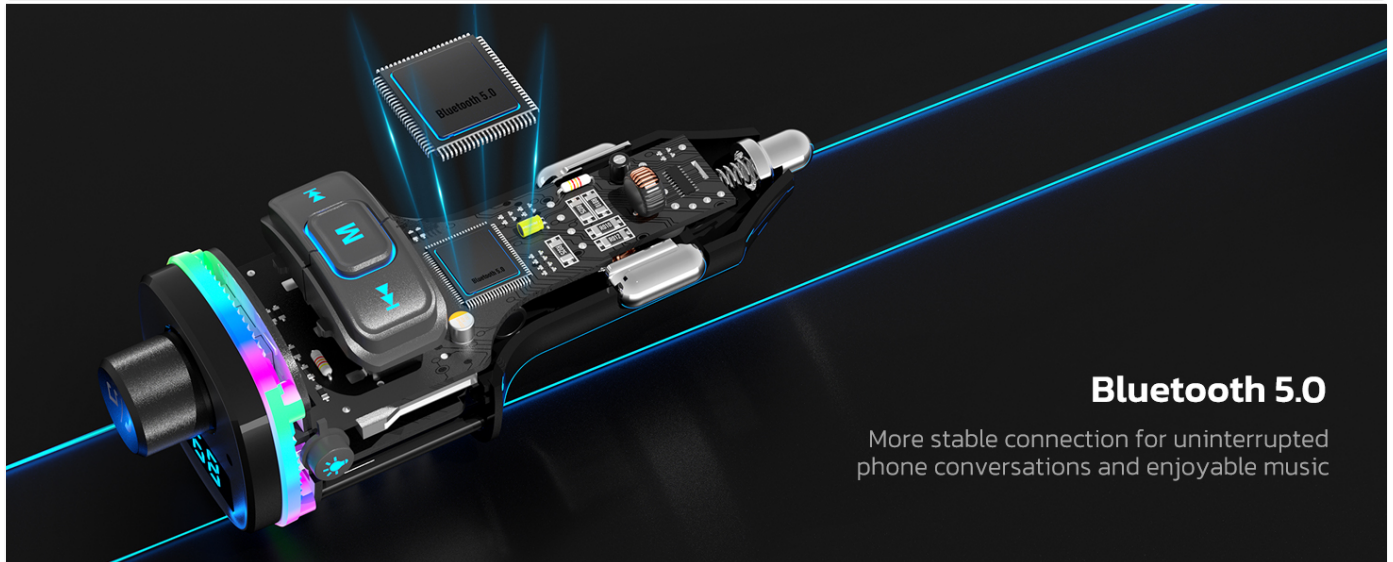


Image: The Nulaxy NX09 showing its real-time car voltage monitor feature, indicating safe and critical battery voltage levels.

MAINTENANCE

- Keep the device dry and clean. Avoid exposure to liquids and moisture.
- Do not expose the device to extreme temperatures (above 60°C / 140°F or below -20°C / -4°F).
- Clean the device with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- Store the device in a cool, dry place when not in use.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power/Device not turning on.	Loose connection; Car cigarette lighter not supplying power; Blown fuse in car.	Ensure the device is firmly plugged in. Check if the car's cigarette lighter socket is functional. Consult a mechanic if the car's fuse is suspected.
Static or poor audio quality.	FM frequency interference; Volume levels too low/high; Weak Bluetooth signal.	Change to a different, clearer FM frequency on both the car radio and the transmitter. Adjust volume on both the device and your phone. Ensure your phone is close to the transmitter.
Cannot pair via Bluetooth.	Bluetooth not enabled on phone; Device already paired to another phone; Incorrect pairing procedure.	Ensure Bluetooth is enabled on your phone. Disconnect from other Bluetooth devices. Restart both the phone and the transmitter, then try pairing again (search for "NX09").
Hands-free call quality is poor.	Microphone obstruction; High background noise; Low volume.	Ensure the microphone is not obstructed. Reduce car fan speed or window noise. Adjust call volume on your phone and the transmitter.
USB/microSD card not playing music.	Unsupported file format; Card/drive not inserted correctly; Corrupted files.	Ensure music files are in supported formats (WMA, MP3, WAV, APE, FLAC). Reinsert the USB drive or microSD card. Try a different drive/card.

SPECIFICATIONS

Model Number	NX09
Bluetooth Version	V5.0
FM Frequency Range	88.1 - 107.9 MHz
Input Voltage	DC 12V-24V
USB Output 1 (QC3.0)	5V/3A, 9V/2A, 12V/1.5A (Max 18W)
USB Output 2 (Music/Charging)	5V/1A
Supported Music Formats	WMA, MP3, WAV, APE, FLAC
USB/microSD Card Capacity	Up to 32GB
Material	Plastic
Item Weight	0.05 Kilograms
Dimensions	11.3 x 5.1 x 4.4 cm (Parcel Dimensions)

WARRANTY AND SUPPORT

The Nulaxy NX09 Bluetooth FM Transmitter comes with a **1-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use.

For technical support, warranty claims, or any questions regarding your product, please contact Nulaxy customer service. Refer to the contact information provided with your purchase or visit the official Nulaxy website.

Safety Information: Do not expose the device to temperatures above 60°C (140°F) or below -20°C (-4°F). Avoid contact with liquids and moisture. This device may cause interference with other wireless devices.

