

Nordväl DC202-2CH

Nordväl DC202-2CH Dashcam User Manual

Model: DC202-2CH | Brand: Nordväl



INTRODUCTION

The Nordväl DC202-2CH is a sophisticated and compact dual dashcam designed to provide comprehensive vehicle surveillance. It features front and rear recording capabilities, advanced Sony STARVIS image sensors for superior video quality in various lighting conditions, and integrated connectivity options like 5GHz WiFi and Bluetooth. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your DC202-2CH dashcam.

WHAT'S INCLUDED

Please check the package contents to ensure all items are present:

- Nordväl DC202-2CH Front Camera
- Nordväl DC202-2CH Rear Camera
- Micro SD Card (128GB)
- USB-C Power Cable (3.5m)
- USB Car Charger
- AV Cable for Rear Camera (6m)
- Electrostatic Film
- 5x Cable Clips
- Cable Routing Tool
- Extra Adhesive Tapes

DASHCAM

DC202-2CH



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NORDVÄL





Image: The main dashcam unit with its attached mounting bracket, ready for installation on the windshield.

3. **Install the Micro SD Card:**

Insert the provided Micro SD card into the designated slot on the dashcam. Ensure it clicks into place. The dashcam supports up to 128GB cards.



Image: A close-up view of the top of the dashcam, highlighting the slot for the Micro SD card and the USB-C power input.

4. Connect Power:

Connect the USB-C power cable to the dashcam and plug the USB car charger into your vehicle's 12V power outlet (cigarette lighter socket). Route the cable neatly along the windshield edge and A-pillar using the provided cable clips and routing tool.

5. **Install the Rear Camera:**

Mount the rear camera on your rear windshield. Connect the rear camera to the front camera using the provided AV cable. Route this cable neatly from the front camera to the rear of the vehicle, typically along the headliner and side panels.

6. **Initial Power On and Settings:**

Once powered, the dashcam will automatically turn on. Follow the voice prompts for initial setup. Connect to the dashcam via the Nordväl app on your smartphone (see "Operating" section for details) to adjust settings, format the SD card, and verify camera angles.

OPERATING INSTRUCTIONS

Video Recording

The DC202-2CH supports high-resolution video recording. When both front and rear cameras are active, the front camera records up to 4K (3840p) and the rear camera up to 2K (2048p). If only the front camera is used, it can record up to 5K (5120p) resolution. Recordings are automatically saved to the Micro SD card.



Image: The sleek design of the Nordväl DC202-2CH dashcam, showing the front lens and brand logo.

Sony STARVIS Image Sensors

Equipped with Sony STARVIS image sensors, the dashcam delivers excellent video quality in both daylight and low-light conditions, ensuring clear and detailed recordings at all times.

WiFi (5GHz) & Bluetooth 4.2 Connectivity

The built-in 5GHz WiFi allows for fast and easy connection to the DC202-2CH via your smartphone or tablet. Use the dedicated Nordväl app to view live footage, review recorded videos, download files, change settings, and share recordings. Bluetooth 4.2 provides stable connection for voice control and other features.

Built-in GPS

The integrated GPS module records your vehicle's speed and location data, which can be viewed alongside your video footage using the companion app or desktop software. This provides crucial information for incident analysis.

Impact Detection (G-sensor)

The G-sensor automatically detects sudden impacts, hard braking, or evasive maneuvers. When an event is detected, the dashcam automatically locks the current recording, preventing it from being overwritten by normal loop recording. These event recordings are stored in a separate, protected folder on the SD card.

LED Warning for Event Recordings

Upon G-sensor activation (e.g., during a collision or sudden stop), the dashcam will emit an audible "siren" sound, and the LEDs on the dashcam will flash alternately red and blue. This visual and auditory alert immediately informs you that an event recording is being made and securely saved.



Image: The rear side of the main dashcam unit, displaying the "REC" indicator light, which confirms active recording.

Rear Camera Image Settings

Through the app settings, you can choose to mirror (horizontally) and/or flip (vertically) the rear camera footage. This allows you to customize the view to your preference, for example, to match the perspective of your rearview mirror.

Wide-angle Lens

Both cameras feature wide-angle lenses: 140° for the front camera and 135° for the rear camera. These broad viewing angles ensure comprehensive coverage, minimizing blind spots and capturing more of the road and surroundings.

Voice Control & Guidance

The dashcam supports voice commands for hands-free operation, allowing you to control various functions without taking your hands off the wheel. It also provides voice guidance for status updates and alerts.

Parking Mode Options & Time-Lapse

The DC202-2CH offers extensive parking mode options, including time-lapse recording. When properly hardwired (optional accessory may be required), the dashcam can continue to monitor your vehicle while parked, recording events or continuous time-lapse footage to save storage space.

MAINTENANCE

- Clean the Lenses:** Regularly wipe the camera lenses with a soft, lint-free cloth to ensure clear recordings. Avoid abrasive materials that could scratch the lens.
- Format SD Card:** It is recommended to format the Micro SD card every 2-4 weeks to maintain optimal performance and prevent data corruption. This can usually be done through the dashcam's settings menu or the companion app.
- Check Cable Connections:** Periodically ensure all cables (power, rear camera) are securely connected to prevent intermittent power loss or recording issues.
- Firmware Updates:** Check the Nordväl website or app for available firmware updates. Keeping your dashcam's firmware up-to-date ensures optimal performance and access to new features.
- Temperature Considerations:** Avoid exposing the dashcam to extreme temperatures for prolonged periods. If parked in direct sunlight, consider using a sunshade.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Dashcam not powering on.	No power from car charger; loose connection; faulty charger/cable.	Check car's 12V outlet; ensure cable is securely plugged in; try a different USB port or charger if available.
Recording stops or freezes.	SD card full or corrupted; low-quality SD card; firmware issue.	Format the SD card; replace with a high-endurance Micro SD card; update firmware.
Poor video quality.	Dirty lens; protective film still on lens; incorrect resolution settings.	Clean the lens; remove any protective film; check resolution settings in the app.
Wi-Fi connection issues.	Incorrect password; too far from dashcam; app issues.	Ensure correct Wi-Fi password; move closer to the dashcam; restart the app and dashcam.
G-sensor too sensitive/not sensitive enough.	G-sensor sensitivity setting is too high/low.	Adjust G-sensor sensitivity in the dashcam settings via the app.

SPECIFICATIONS

Brand: Nordväl

Model: DC202-2CH

Front Camera Resolution: Up to 5K (5120p) single channel; 4K (3840p) dual channel

Rear Camera Resolution: Up to 2K (2048p) dual channel

Image Sensor: Sony STARVIS

Front Lens Angle: 140° wide-angle

Rear Lens Angle: 135° wide-angle

Connectivity: WiFi (5GHz), Bluetooth 4.2

GPS: Built-in

G-sensor: Built-in Impact Detection

Storage: Micro SD card (128GB included, support up to 128GB)

Power Source: USB Car Charger (12V)

Product Dimensions: 3.4 x 11.3 x 3.4 cm (approximate, main unit)

Batteries Required: No (operates via vehicle power)

Country of Origin: China

WARRANTY AND SUPPORT

Nordväl products are designed for reliability and performance. For specific warranty details, please refer to the warranty card included in your product packaging or visit the official Nordväl website. For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact Nordväl customer service through their official channels. You can often find support contact information on the brand's website or within the product's companion application.

Official Nordväl Store: [Visit the Nordväl Store on Amazon](#)

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NORDVÄL

Declaration of Conformity

Document ID: 2023DOC015

Manufacturer: Nordväl
A brand of: TJM Supplies B.V.
8102HX Raalte
The Netherlands

Product Identification:
► Type: Dashcam
► Model: DC202-2CH

The product mentioned in this declaration are in conformity with the following EU directives:
► EMC 2014/30/EU relating to the Radio Equipment Directive
Approved standards:
Safety: EN 62368-1:2014+A11:2017
Health: EN 62368-2:2014
EMC: ETSI EN 301-401-1 V2.1.1 (2019-03), ETSI EN 301-400-19 V2.1.1 (2019-06), EN 55032:2015, EN 55035:2017, EN 61000-3-2:2014, EN 61000-3-3:2013
Radio: ETSI EN 300 328 V2.1.1 (2016-11), ETSI EN 300 440 V2.2.1 (2018-07), ETSI EN 303 413 V1.1 (2017-06)
► RoHS 2011/65/EU relating to the restrictions of hazardous substances (RoHS) and
amendment Commission Delegated Directive 2015/863/EU



The technical file related to the conducted tests are documented and
archived at the TJM Supplies B.V. office located in the Netherlands.



Raalte, the Netherlands 26th July 2023

T. Zweerts
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[\[pdf\]](#) Declaration of Conformity

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Declaration of Conformity Document ID: 2023DOC015 Manufacturer: Nordväl A brand of: TJM Supplies B.V. Zompstraat 8 8102HX Raalte the Netherlands Product identification: Type: Dashcam Model: **DC202-2CH** The product mentioned in this declaration are in conformity with the following EU directives: EM...

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VERKLARING VAN OVEREENKOMST

Productgegevens
Voor het volgende
Product: Dashcam
Type: DC202-2CH

Verklaring van toepassing/normen
Hierbij verklaart TJM Supplies B.V. dat de dashcam DC202-2CH serie voldoet aan
richtlijn EMC 2014/30/EU, RoHS-richtlijn (2011/65/EU) en de wijziging daarvan en
richtlijn 2015/863/EU betreffende de beperking van het gebruik van bepaalde
gevaarlijke stoffen in elektronische apparatuur.

De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het
volgende internetadres: www.nordval.eu/declaration-of-conformity/

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