



NAVMAN

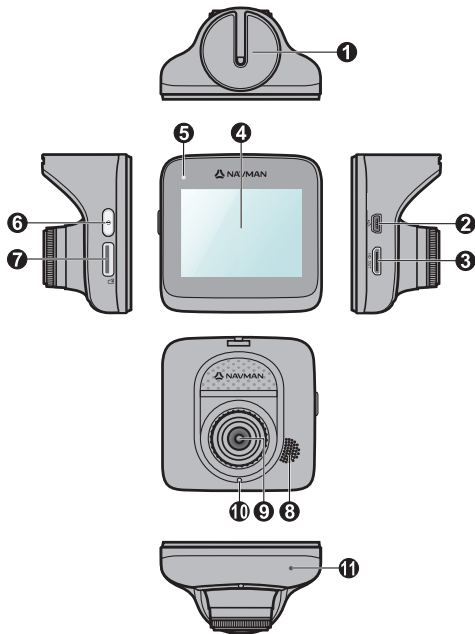
MiVue 5 Series

User Manual

Table of Contents

Getting to know the recorder	2
Power key	3
LED indicators.....	3
Using the touch screen	4
Inserting a memory card.....	5
Using your recorder in a vehicle	6
Connecting to external devices	8
Connecting to your computer.....	8
Connecting to a High Definition (HD) device.....	8
Operating basics.....	9
Turning the recorder ON and OFF	9
Setting the date and time.....	9
Recording in driving mode.....	10
Recording in Parking mode.....	11
Camera mode	11
Playback mode	12
System settings	13
Settings Menu.....	13
Advanced settings.....	13
MiVue Manager	15
Installing MiVue Manager	15
Playing the recording files	15
For more information	19
Caring for your device	19
Precautions and notices.....	20
Safety precautions.....	20
About GPS.....	21
Regulatory information	22
WEEE	22

Getting to know the recorder



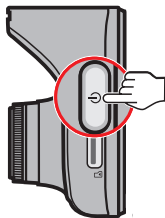
	Name
①	Device mount socket For the device mount.
②	Mini-USB connector Connects to the charger.
③	HD OUT connector Connects to an external device.
④	Touch screen
⑤	LED indicator 1 Indicates the system status of the recorder.
⑥	Power key
⑦	Memory card slot Data is recorded to a MicroSD card (not included).
⑧	Speaker Outputs audio.
⑨	Camera lens
⑩	LED indicator 2 Indicates the Parking mode of the recorder.
⑪	Microphone Allows you to record the video with sounds.

Power key

Once the vehicle engine is started, the recorder automatically turns on. By default, the recording will start right after the recorder turns on.

You can do the followings using the Power key:

- To manually turn the recorder on and off, press and hold the Power key for 2 seconds.
- When the recorder is turned on, press the Power key to switch the LCD screen on/off.












LED indicators

Status	LED 1	LED 2
The power cable is connected and the recorder is on: <ul style="list-style-type: none">▪ The battery is charging, and<ul style="list-style-type: none">- the recording is in progress.- the recording stops.▪ The battery is fully charged, and<ul style="list-style-type: none">- the recording is in progress.- the recording stops.	Green, Amber / Blinking Green / On Red / Blinking OFF	OFF OFF OFF OFF
Parking mode is enabled, and the power cable is disconnected: <ul style="list-style-type: none">▪ The parking recording is in progress.▪ The parking recording stops.	Red / Blinking OFF	Red / Blinking Red / Blinking

Using the touch screen

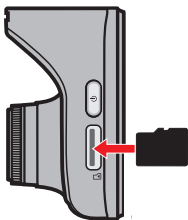
To operate your recorder, touch the screen with your fingertip. The device provides the control buttons and system icons on the screen. Depending on your settings and usage, the displayed buttons and icons may be different to provide various function and information of your device.

Example	Button	Description
		Tap to enter the Settings Menu.
		Tap to manually enable Parking mode.
		Tap to take a photo.
		Tap to manually start an event recording.
	Icon	Description
		The REC icon blinks while recording is in progress.
		Displays the current time.
		Recording with sound is enabled/disabled.
	The GPS signal icon indicates the GPS status.	
	The Battery icon indicates the remaining battery power.	

Inserting a memory card

You must insert a memory card before you can start recording.

1. Hold the card by the edges and gently insert it into the slot with the label facing the rear side of the recorder.
2. To remove card, gently push the top edge of the card inwards to release it, and pull it out of the slot.

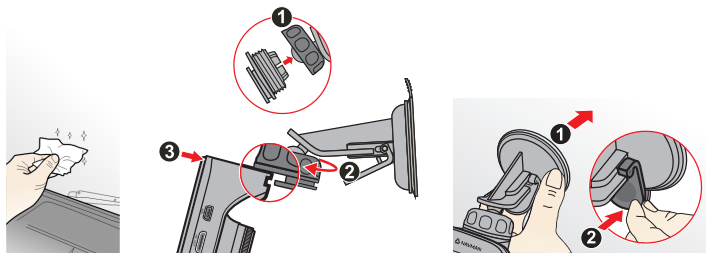


CAUTION:

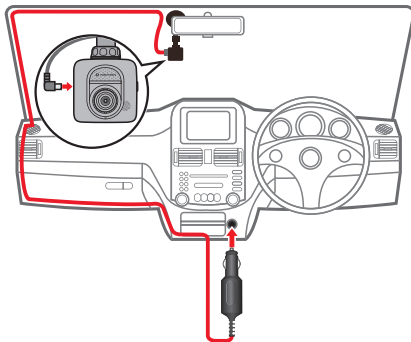
- DO NOT apply pressure to the centre of the memory card.
- You are advised to use a Class 6 memory card with at least 8GB capacity. The recorder supports memory cards with up to 32GB capacity.
- Navman does not guarantee the product's compatibility with memory cards from all manufacturers.
- Before you start recording, please format the memory card to avoid malfunction caused by files not created by the recorder. You can format the card on your computer or on the recorder (by selecting **Settings Menu > Format**).
- You are recommended to turn the device off before removing the memory card.

Using your recorder in a vehicle

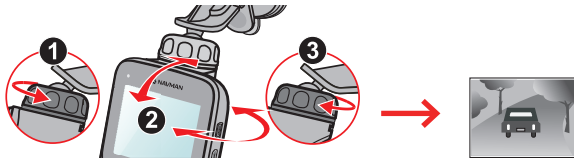
1. Make sure that your car is parked on a level ground.
2. Follow the instruction below to mount your recorder in a vehicle securely.



3. Connect the car charger to the cigarette lighter. Route the cables through the top ceiling and the A-pillar so that it does not interfere with driving. Ensure the cable installation does not interfere with the vehicles airbags or other safety features.



4. When adjusting the angle of mounting, make sure that the camera's view is parallel with the level ground, and the ground/sky ratio is close to 6/4.



5. When not using the recorder, follow the instruction below to remove the recorder from the holder.



NOTE:

- To ensure the highest quality recordings, you are advised to place the recorder near the rear view mirror.
- Select an appropriate location for mounting the device in a vehicle. Never place the device where the driver's field of vision is blocked.
- If the car's windscreen is tinted with a reflective coating, it may be athermic and impact the GPS reception. In this instance, please mount your device where there is a "clear area."
- The system will automatically calibrate the G sensor of the device during boot up. To avoid G sensor malfunction, ALWAYS turn the device on after you mount it in the vehicle properly.

Connecting to external devices

Connecting to your computer

You can connect the recorder to your computer to access data on the memory card.

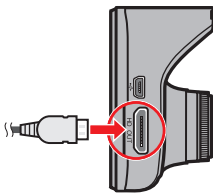
The Mini-USB connector is located on the right side of the device. Follow the instruction below to connect the recorder to the computer via the USB cable (not supplied).



Connecting to a High Definition (HD) device

For a better viewing experience, you can connect the recorder to an external viewing device that supports the High Definition (HD) feature via a HD cable (not supplied).


The HD OUT connector is located on the right side of the device. Follow the instruction below to connect the recorder to the HD device.



Operating basics









Turning the recorder ON and OFF

Complete the installation according to the instructions in the “Using your recorder in a vehicle” section.

- Once the vehicle engine is started, the recorder automatically turns on. By default, the recording will automatically start in a few seconds after start-up.
- When a GPS fix is established, the  icon will show on the top-right corner of the screen. The number of vertical bars in the icon indicates the strength of the signal.
- When the recorder is on, press the Power key to switch the LCD screen on/off.
- To manually turn the recorder on and off, press and hold the Power key for 2 seconds.

Setting the date and time

To make sure of the correct date and time for your recordings, please check the date and time settings before you begin recording.

1. Tap  to access the Settings Menu.
2. Tap **Settings > System > Date / Time**.
3. Select **Automatic** or **Manual**:
 - When you select **Automatic**, the system will display the time zone setting screen. Tap  /  to select your time zone and tap . The system will set the correct date and time according to the time zone setting.
 - When you select **Manual**, the system will display the date and time setting screen. Tap  /  key to adjust the value of the selected field; tap  and repeat the step until all fields have been changed. When completed, tap .



Recording in driving mode

NOTE:

- DO NOT remove the memory card while recording.
- If the recording (including continuous recording, event recording and parking recording) is ongoing but there is not enough space on your memory card, the system will display a warning message on the screen. Once confirmed, the new video clips will replace the old ones.



Continuous recording

When you connect the car charger to the cigarette lighter in the car, the recorder will start continuous recording automatically. The recording may be divided into several video clips; recording will not stop between video clips.

- When continuous recording is in progress, you can manually stop recording by tapping  (to access the Settings Menu).
Tap  to return to the recording screen, and the system will start continuous recording automatically.
- The continuous recordings can be found in the "Video" category for playback.


Event recording




By default, if an event occurs, such as sudden impact, high-speed driving, an aggressive turn or an accidental crash, the G sensor will activate an "emergency" recording (an event recording).

- If you want to manually start an event recording while continuous recording is in progress, tap  .
To stop event recording and resume continuous recording, tap  .
- The event recordings can be found in the "Emergency" category for playback.


Recording in Parking mode


Your recorder supports parking recording function. Depending on how long the car is parked, you may need an external power source (e.g. a power bank) to record the video while the device's power cable is disconnected.

- Parking mode is disabled by default. You have to enable the function by tapping  > **Settings > Parking Mode > Detection > On**.

Before enabling Park mode, please check your device memory storage allocation. Go to **Settings > System > Storage allocation** and use  /  to set a proper allocation for parking recording, and then tap  to save. Changing the allocation will erase the memory card, so save any videos or photos to your computer first.

- When Parking mode is enabled and the device is power off (e.g. the vehicle engine is stopped or the power cable is disconnected) or the car stops moving for 5 minutes*, the system starts parking recording.

* The feature is triggered by the G sensor of the device. You can change the configuration from  > **Settings > Parking Mode > Auto Entry**.


- If you want to manually start parking recording while continuous recording is in progress, tap .

To stop Parking mode and resume continuous recording, press the Power key.

- If movements were detected and recorded during Parking mode, you will be asked to playback the video when you stop Parking mode.
- The parking recordings can be found in the "Parking" category for playback.











Camera mode

The recorder allows you to take a photo.

- If the recording is in progress, tap  to take a photo.
- The photos can be found in the "Photo" category for playback.


Playback mode

To select a video or photo for playback:

1. Tap  to access the Settings Menu.
2. Tap **File Playback** and then select the desired type.
The types include: **Video** (continuous recordings), **Emergency** (event recordings), **Parking** (parking recordings) and **Photo**.
3. Tap  /  to browse the list. Tap the desired file to start playback.
4. During playback, you can:
 - Tap  key to return to the list.
 - While playing videos, tap  /  key to play the previous/next video.
Tap  to pause the video.
 - While viewing photos, tap  /  to display the previous/next photo.
 - Tap  to delete the file.

System settings

Settings Menu

To customise the system settings, tap  .

Item	Description
File Playback	Plays the recorded videos and photos. For more information on playback, see the "Playback mode" section.
Record Voice	Sets if you want to include sounds in the recordings. The default setting is On .
Settings	Allows you to change the system settings of the device. For more information, see the "Advanced settings" section.

Advanced settings

The **Settings** option in the Settings Menu provides advanced settings for the system.

- **Parking Mode:** Allows you to change the settings of Parking mode. The available settings include:
 - **Detection:** Select **On** or **Off**. When enabled, the recorder will start recording automatically when it detects movements or if an event happens in Parking mode.
 - **Auto Entry:** Select **Easy**, **Medium**, or **Difficult**.
 - **Motion Detection:** Select the level (**Low**, **Medium**, or **High**) to trigger video recording automatically when movements have been detected in Parking mode.
 - **LED Indicator:** Select **On** or **Off**.
- **Video Recording:** Changes the settings of recording, including:
 - **Video Clip Length:** Sets the length of each video clip for a continuous recording

(1 min, 3 min, or 5 min).

- **EV:** Sets the proper exposure level (-1 ~ +1) to adjust the brightness of the image. The default setting is 0.
- **HDR:** Select **On** or **Off** to enable or disable High Dynamic Range function of the device.
- **GPS Stamp:** Sets if and how you want to record the GPS information.

- **G-Sensor Sensitivity:** When enabled, the G sensor will prompt the recorder to start recording automatically if an event happens.

Select **Emergency** or **Parking Mode**, and then change the sensitivity level of the G sensor. Please note that it is harder to trigger when you set the sensitivity level lower.

- **System:** Allows you to change the system settings of the device.
 - **GPS Status:** Displays the status of GPS signal reception.
 - **Date/Time:** Sets the system date and time. For more information, see the "Setting the date and time" section.
 - **Beep Alert:** Enables or disables system notification sounds.
 - **Volume:** Adjusts the volume level.
 - **LCD Standby:** Select **Always On** or select how long (**10 sec**, **1 min**, or **3 min**) the screen remains lit after you press any key.
 - **Language:** Sets the language.
 - **Distance Unit:** Sets the preferred distance unit.
 - **Storage Allocation:** The system provides four default memory configurations to store the videos (including continuous recording, event recording and parking recording) and photos. Select the proper configuration based on your usage.
 - **Restore to Defaults:** Restores system settings to factory defaults.
 - **Version:** Displays the software information.
- **Format:** Formats a memory card. (All data will be erased.)

MiVue Manager

MiVue Manager is a tool for you to view the videos recorded on a MiVue recorder. Not all features are available for every model.

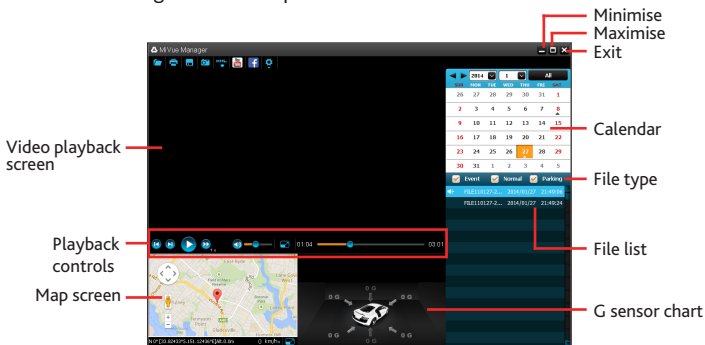
IMPORTANT! Your computer needs MOV and AVI codecs to play the recording files. Please visit www.navman.com.au or www.navman.co.nz to install the required codecs.

Installing MiVue Manager

Download the Setup file from www.navman.com.au or www.navman.co.nz. Double-click Setup.exe and follow the on-screen prompts to install MiVue Manager.

Playing the recording files

1. Remove the memory card from the recorder and access the card on the computer via a card reader. You are advised to copy the recording files to your computer for backup and playback.
2. Start MiVue Manager on the computer.



NOTE:

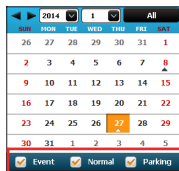
- The Map screen may not appear when the computer is not connected to the Internet or when your MiVue model records without the GPS function.
- G sensor chart displays data in 3-axis waveform about the car's shift forward/backward (X), to the right/left (Y) and upward/downward (Z).


3. By default, MiVue Manager shows the calendar and the file list on the right.

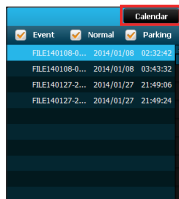
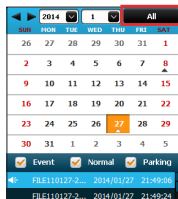
- When a recording file exists, you will see the date marked with "▲." Click that date to display the files that were recorded on that date.



- You can choose the file type to display: **Event** (emergency event recordings); or/and **Normal** (continuous recordings); or/and **Parking** (parking recordings).











- To display all files in the current folder, click **ALL**. To return to the calendar view, click **Calendar**.
You can also click  on the upper-left corner to select the folder that stores the recording files.










4. Double-click the desired file on the file list to start playback.

5. The playback controls are described as follows:

Icon	Description
	Starts or pauses the playback.
	Skips to the previous / next file on the list.
	Changes the playback speed to 1/4x, 1/2x, 1x (default), 1.5x, or 2x.
	Mutes or unmutes the volume.
	Adjusts the volume level.
	Plays the video in full screen.
	Returns to the normal view.
	Displays the playback progress. You can click on a point along the track bar to move directly to a different location for the playback.

6. The tool bar allows you to do the following:

- Click  to select the folder that stores the recording files.
- Click  to preview and print the current video image.
- Click  to back up the selected files to the specified location on your computer.
- Click  to capture and save the current video image to the specified location on your computer.
- Click  /  to upload the selected file to YouTube/Facebook.
- Click  to export the GPS information of the selected file in the KML format to the specified location on your computer.

-
- Click  to open the Settings Menu, including the following options:

Change Language: Sets the display language of MiVue Manager.

Change Skin: Sets the color scheme of MiVue Manager.

Check for Update: Checks if there is any new version of MiVue Manager. Internet access is required for this feature.

About: Displays the version and copyright information of MiVue Manager.

For more information

Caring for your device

Taking good care of your device will ensure trouble-free operation and reduce the risk of damage.

- Keep your device away from excessive moisture and extreme temperatures.
- Avoid exposing your device to direct sunlight or strong ultraviolet light for extended periods of time.
- Do not place anything on top of your device or drop objects on your device.
- Do not drop your device or subject it to severe shock.
- Do not subject your device to sudden and severe temperature changes. This could cause moisture condensation inside the unit, which could damage your device. In the event of moisture condensation, allow the device to dry out completely before use.
- The screen surface can easily be scratched. Avoid touching it with sharp objects. Non-adhesive generic screen protectors designed specifically for use on portable devices with LCD panels may be used to help protect the screen from minor scratches.
- Never clean your device with it powered on. Use a soft, lint-free cloth to wipe the screen and the exterior of your device.
- Do not use paper towels to clean the screen.
- Never attempt to disassemble, repair or make any modifications to your device. Disassembly, modification or any attempt at repair could cause damage to your device and even bodily injury or property damage and will void any warranty.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as your device, its parts or accessories.
- To discourage theft, do not leave the device and accessories in plain view in an unattended vehicle.
- Overheating may damage the device.

Precautions and notices

- For your own safety, do not operate the controls of the product while driving.
- A window mount is needed when using the recorder in a car. Make sure that you place the recorder in an appropriate place, so as not to obstruct the driver's view or deployment of airbags.
- Make sure that no object is blocking the camera lens and no reflective material appears near the lens. Please keep the lens clean.
- If the car's windscreen is tinted with a coating, it may impact the recording quality.

Safety precautions

About charging

- Use only the charger supplied with your device. Use of another type of charger may result in malfunction and/or danger.
- This product is intended to be supplied by a LISTED Power Unit marked with "LPS", "Limited Power Source" and output rated + 5 V dc / 1.0 A.
- Use a specified battery in the equipment.

About the charger

- Do not use the charger in a high moisture environment. Never touch the charger when your hands or feet are wet.
- Allow adequate ventilation around the charger when using it to operate the device or charge the battery. Do not cover the charger with paper or other objects that will reduce cooling. Do not use the charger while it is inside a carrying case.
- Connect the charger to a proper power source. The voltage requirements are found on the product case and/or packaging.
- Do not use the charger if the cord becomes damaged.
- Do not attempt to service the unit. There are no serviceable parts inside. Replace the unit if it is damaged or exposed to excess moisture.

About the battery

CAUTION! This unit contains a non-replaceable internal Lithium Ion battery. The battery can burst or explode, releasing hazardous chemicals. To reduce the risk of fire or burns, do not disassemble, crush, puncture, or dispose of in fire or water.

- Use a specified battery in the equipment.
- Important instructions (for service personnel only)
 - Caution! Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.
 - Replace only with the same or equivalent type recommended by the manufacturer.
 - The battery must be recycled or disposed of properly.
 - Use the battery only in the specified equipment.

About GPS

- GPS is operated by the United States government, which is solely responsible for the performance of GPS. Any change to the GPS system can affect the accuracy of all GPS equipment.
- GPS satellite signals cannot pass through solid materials (except glass). When you are inside a tunnel or building, GPS positioning is not available. Signal reception can be affected by situations such as bad weather or dense overhead obstacles (e.g. trees, tunnels, viaducts and tall buildings).
- The GPS positioning data is for reference only.



Regulatory information

For regulatory identification purposes, Navman MiVue 560 series is assigned a model number of N467.



Marking labels located on the exterior of your device indicate the regulations that your model complies with. Please check the marking labels on your device and refer to the corresponding statements in this section. Some notices apply to specific models only.

The user needs to switch off the device when exposed to areas with potentially explosive atmospheres such as petrol stations, chemical storage depots and blasting operations.

WEEE



This product must not be disposed of as normal household waste, in accordance with the EU directive for waste electrical and electronic equipment (WEEE – 2002/96/EC). Instead, it should be disposed of by returning it to the point of sale, or to a municipal recycling collection point.

Revision: Roo
(4/2014)

Trademarks

All brand and product names are trademarks or registered trademarks of their respective companies.

Disclaimer

Specifications and documents are subject to change without notice. Navman does not warrant this document is error-free. Navman assumes no liability for damage incurred directly or indirectly from errors, omissions, or discrepancies between the device and the documents.

Notes

Not all models are available in all regions. Depending upon the specific model purchased, the color and look of your device and accessories may not exactly match the graphics shown in this document.

Navman Australia Pty Ltd
www.navman.com.au
www.navman.co.nz



5 6 1 5 N 4 6 7 0 0 2 1 R 0 0