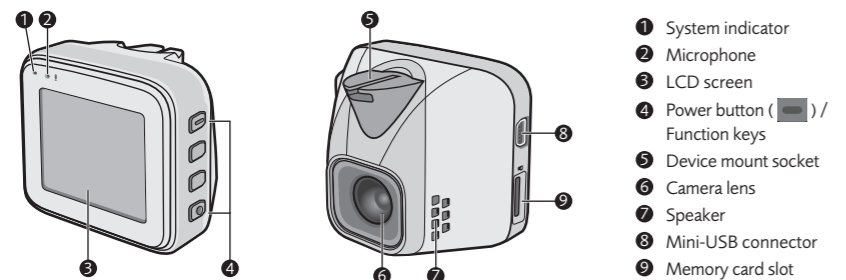




## Getting to know your dash cam

**Note:** The screenshots and other presentations shown in this manual may differ from the ones generated by the actual product.

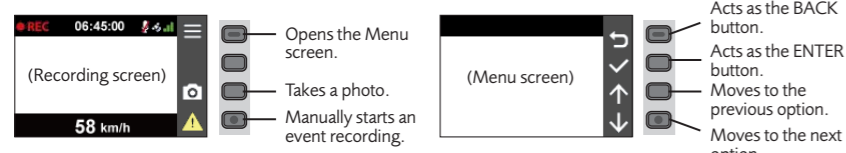


### Power button

Press and hold the Power button (  ) for 2 seconds to manually turn the dash cam on and off.

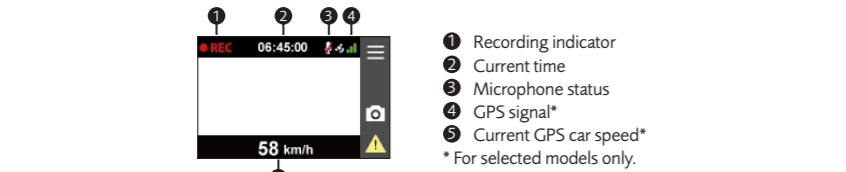
### Function keys

The device provides 4 function keys to control the corresponding icons displayed on the LCD screen. The keys' functions may vary on different screens.



### System icons

Various system icons on the status bar at the top of the screen provide the status information of your device. The displayed icons vary depending on your device model and state.



### Note:

- DO NOT apply pressure to the centre of the memory card.
- Navman does not guarantee the product's compatibility with memory cards from all manufacturers. Please check your card manufacturer's specifications and warranty to ensure it is suitable for use in dash cameras and loop recording devices.
- Before you start recording, please format the memory card to avoid malfunction caused by files not created by the dash cam.
- You should use separate MicroSD cards for recording and for regular data storage.
- You may need to format your memory card periodically to ensure it remains in good condition to record and save files.
- You are advised to turn the device off before removing the memory card.

## Turning the dash cam on


Complete the installation according to the instructions in the "Using your dash cam in a vehicle" section. Once the vehicle engine is started, the dash cam automatically turns on. The system indicator glows in green when the dash cam is powered.





### Shutting down the dash cam

Occasionally you may need to perform a hardware reset when the dash cam stops responding or if it appears to be "frozen" or unresponsive. To shut down the dash cam, press and hold the Power button until the system powers off. If you cannot turn the dash cam off by using the Power button, insert a small rod (such as a straightened paper clip) into the Shutdown button to shut down the dash cam.

## Setting the date and time

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

1. Press  > **System** > **Date / Time**.
2. Do one of the following:
  - Select **Use GPS time**, and then set the time zone of your location and set the daylight saving time. The system will set the date and time according to the GPS location.

**Note:** This feature is not available on all models.
  - Select **Manual**, and the system will display the date and time setting screen. Use  /  to adjust the value of the selected field; press  and repeat the step until all fields have been changed. When completed, press .

## Recording in driving mode

### Continuous recording

The system will automatically begin continuous recording shortly after start-up. The system indicator flashes in green and amber alternately while the recording is in progress.

- **Detection Method:** Sets the parking detection method to **Only G-sensor**, **Only Motion** or **Both Motion & G-sensor**.
- **Auto Entry:** Sets the mode for the system to enter Parking mode automatically.
- **Motion Detection:** Sets the sensitivity level of motion detection that triggers the system to save the parking recording.
- **G-Sensor Sensitivity:** Sets the sensitivity level of the G sensor that triggers the system to save the parking recording.

### Video Recording

- **Video Clip Length:** Sets the length of each video clip for a continuous recording.
- **WDR:** Enables or disables the Wide Dynamic Range (WDR) function of the device to provide better images with higher contrast of light and dark.
- **EV:** Sets the proper exposure level to adjust the brightness of the image.
- **Frequency:** Sets the frequency (**50 Hz** or **60 Hz**) for the camera to avoid problems caused by artificial light sources that are not constant.
- **G-Sensor Sensitivity:** Sets the sensitivity level of the G sensor that triggers the event recording during continuous recording.
- **Stamp:** Sets the information (**Coordinates** or **G-Sensor**) that will be displayed on the recorded video.
- **Speed Stamp:** Displays the driving speed on the recorded video.
- **Text Stamp:** Displays the customised information on the recorded video.

### System

- **Satellites:** Displays the status of the GPS signal reception.
- **Date/Time:** Sets the system date and time.
- **System Sound:** Enables or disables system notification sounds.
- **Volume:** Adjusts the volume level.
- **LCD Standby**
  - **Always On:** Keeps the LCD on.
  - **HUD:** Switches the display mode to only display the time in specified time.
  - **10 sec/1 min/3 min:** Sets the timer for the LCD to turn off automatically after recording starts.
- **Language:** Sets the language.
- **Distance Unit:** Sets the preferred distance unit.
- **Storage Allocation:** The system provides 3 memory configurations to store the videos and photos. Select the proper configuration based on your usage.
- **Restore to Defaults:** Restores the system settings to factory defaults.
- **Version:** Displays the software information.

### Format

Formats a memory card. (All data will be erased.)

## Using your dash cam in a vehicle

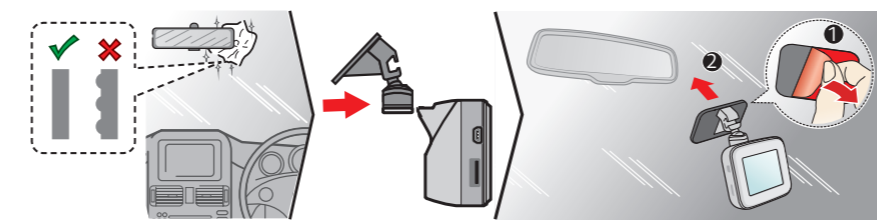
### Precautions and notices

- Do not operate the controls of the product while driving. Using this product does not change the requirement for a driver to take full responsibility for his or her behavior. This responsibility includes observing all traffic rules and regulations in order to avoid accidents, personal injury or property damage.
- A window mount is needed when using the dash cam in a car. Make sure that you place the dash cam 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 windshield is tinted with a coating, it may impact the recording quality.
- To ensure the highest quality recordings, you are advised to place the dash cam 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.
- The system will automatically calibrate the G sensor of the device during start-up. To avoid G sensor malfunction, always turn the device on AFTER you mount it in the vehicle properly.
- The dash cam is designed to stay connected with the vehicle power adapter to ensure optimal performance. The battery is designed as a backup power source for short-term use only in the event when the vehicle's power system is cut out during an incident so the dash cam can save the last recording. It is not to be used as a sole source of power for prolonged periods. Battery life may vary under different conditions.

### Mounting the dash cam

Make sure that your car is parked on level ground. Follow the instructions below to securely mount your dash cam in a vehicle.



1. Before attaching the device mount to the windshield, it is recommended to clean the windshield with rubbing alcohol and make sure that the installation area is free of dust, oil and grease.



2. 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.
3. Connect the vehicle power adapter to the cigarette lighter. Route the cables through the top ceiling and the A-pillar so that it does not interfere with driving. Make sure that the cable installation does not interfere with the vehicles airbags or other safety features.


**Note:** The installation illustrations are for your reference only. The placement of the devices and cables may vary depending on the vehicle model. If you encounter any problems during installation, contact a skilled installer (such as the service personnel of the vehicle) for assistance.

The recording may be divided into several video clips; recording will not stop between video clips. When your memory card fills up with continuous recordings in the "Normal" category, it will automatically record over the oldest existing files in this category.

When continuous recording is in progress, you can manually stop recording by pressing . Press  to return to the recording screen; the system will start continuous recording automatically.

The continuous recordings can be found in the "Normal" category for file playback.

### Event recording

By default, if an event happens such as a sudden impact, high speed driving, an aggressive turn or an accidental crash during continuous recording, the G sensor will prompt the dash cam to start recording the event. You can change the sensitivity level of the G sensor by selecting  > **Video Recording** > **G-Sensor Sensitivity**.

The event recording saves the duration from 5 seconds before the event up until the duration of the video recording time that is selected in the settings (FOCUS 100 FHD); or from 3 seconds before the event until 12 seconds after the event (FOCUS 400 DUAL CAM). When your memory card fills up with event recordings in the "Event" category, it will automatically record over the oldest existing files in this category.


If you want to manually start an event recording while continuous recording is in progress, press the Event button (  ).



The event recordings can be found in the "Event" category for file playback.

## Parking mode



### Note:

- This feature is not available on all models.
- The dash cam cannot operate the Parking mode function on the internal battery power. It requires an additional power source to record the video during the Parking mode, such as an uninterruptible power cable or Smart Box accessory which is sold separately. Visit [www.navman.com.au](http://www.navman.com.au) to purchase this accessory.

The Parking mode is disabled by default. Before enabling Park mode, please check your device memory storage allocation. Go to  > **System** > **Storage Allocation** to set a proper allocation for parking recording. Changing the allocation will erase the contents on the memory card, so save any videos or photos to your computer first.

You can enable the function by selecting  > **Parking Mode** > **Detection** > **On**. (The  icon will appear on the screen.) When the Parking mode detection is enabled, the system will enter the Parking mode when the car stops moving for about 5 minutes. When movements or vibrations are detected during the Parking mode, the system will save the duration from 5 seconds before the event up until the duration of the video recording time that is selected in settings (FOCUS 100 FHD); or from 3 seconds before the event until 12 seconds after the event (FOCUS 400 DUAL CAM). When your memory card fills up with parking recordings in the "Parking" category, it will automatically record over the oldest existing files in this category.

### Note:

- You can press  to manually enter the Parking mode while continuous recording is in progress.
- The parking recording is triggered by the G sensor and motion detection of the device. You can change the configuration by selecting  > **Parking mode** > **Motion Detection** and **G-Sensor Sensitivity**.
- The rear recording camera (for FOCUS 400 DUAL CAM) does not support motion detection.

## MiVue Manager

MiVue Manager™ is a tool for you to view the videos recorded on a MiVue™ dash cam.

**Note:** Not all features are available for every model.

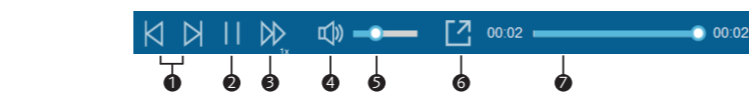
### Installing MiVue Manager

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

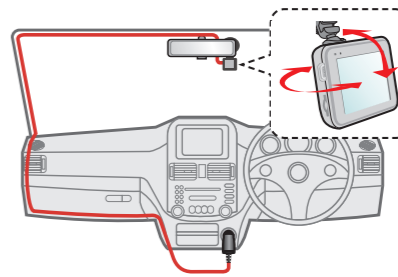
IMPORTANT! You may be prompted to install the MOV and AVI codecs for video playback if they are missing on your computer. Search online to install the required codecs.

### Playing the recording files

1. Remove the memory card from the dash cam 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.
    - 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 / Normal / Parking**.
    - To display all files in the current folder, click **All**. To return to the calendar view, click **Calendar**.
- Note:** Your model may not support all file types.
3. Double-click the desired file on the file list to start playback.
  4. The playback controls are described as follows:

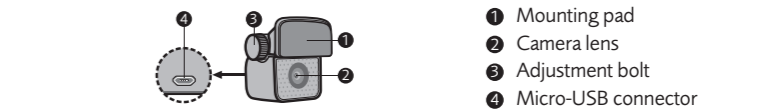


- 1 Skips to the previous/next file on the list.
  - 2 Starts or pauses the playback.
  - 3 Changes the playback speed to 1/4x, 1/2x, 1x (default), 1.5x, or 2x.
  - 4 Mutes or unmutes the volume.
  - 5 Adjusts the volume level.
  - 6 Plays the video in full screen.
  - 7 Displays the playback progress. You can click on a point along the track bar to move directly to a different location for the playback.
5. During playback, you can check more driving information from the dashboard panel and the G sensor chart that are displayed below the video playback screen.

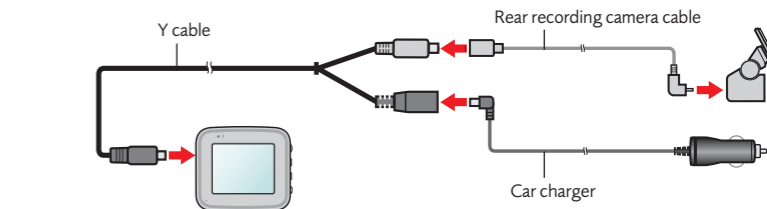




### MiVue rear recording camera

Depending on your model (FOCUS 400 DUAL CAM), your device may support a rear recording camera.



Follow the illustration to connect the rear recording camera to the dash cam.



**Note:** Once you connect the rear recording camera and start recording, the  icon will appear on the screen. You can switch the front and rear images by pressing the button .

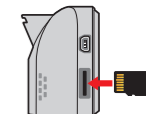
## Using a memory card


You must insert a memory card (not supplied) before you can start recording. The dash cam supports Class 10 memory cards with 8 GB - 128 GB capacity.

Hold the card by the edges and gently insert it into the slot as shown in the illustration. To remove a card, gently push the top edge of the card inwards to release it and pull it out of the slot.

### Formatting a card


If you need to format a memory card (all data will be erased), press  > **Format**.



To exit the Parking mode (the system will resume continuous recording), press . You will be prompted to play the saved parking recording (if available).

The parking recordings can be found in the "Parking" category for file playback.










## Camera mode

The dash cam allows you to take a photo. If the recording is in progress, press  to take a photo.

The photos can be found in the "Photo" category for file playback.

## Playback mode

To select a video or photo for playback:

1. Press  > **File Playback**.
  2. Select the desired type.
  3. Select the desired file from the list, and then press  to start playback.
  4. During playback, you can:
    - Press  to return to the list.
    - While playing videos, press  /  to play the previous/next video.
- Press  to display the pop-up menu to select:
- **Pause/Play:** Pauses or starts the playback.
  - **Move to Event:** Moves the file to the "Event" category.
  - **Delete:** Deletes the file.
- While viewing photos, press  /  to display the previous/next photo. Press  to delete the file.

## System settings

To customise the system settings, press .

**Note:** Depending on your model, certain setting options may not be available.

### File playback


Plays the recorded videos and photos.

### Sound Recording

Sets if you want to include sounds in the recordings.

### Parking mode

- **Detection:** When enabled, the dash cam will automatically start recording when it detects movements or if an event happens in Parking mode.

- On the dashboard panel, click  to display the map screen.
- The 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).

**Note:** The map screen may not display when the computer is not connected to the Internet or when your MiVue model does not support the GPS function.

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



- 1 Selects the folder that stores the recording files.
- 2 Previews and prints the current video image.
- 3 Saves the selected files to the specified location on your computer.
- 4 Captures and saves the current video image to the specified location on your computer.
- 5 Opens the Settings Menu. The Settings items are described as follows:
  - **Change Language:** Sets the display language of MiVue Manager.
  - **Change Skin:** Sets the colour 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.
- 6 Exports the GPS information of the selected file in the KML format to the specified location on your computer.
- 7 Uploads the selected file to YouTube™.