all about you

User Manual

MiVue™ J60/J80 Series

Revision: R00
(10/2018)

Disclaimer

The screenshots in this manual may differ between different operating systems and software versions. You can download the latest User Manual of your product from Mio™ website (www.mio.com).

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

Note

Not all models are available in all regions.

Depending on the specific model purchased, the colour and look of your device and accessories may not exactly match the graphics shown in this document.

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UNITED KINGDOM

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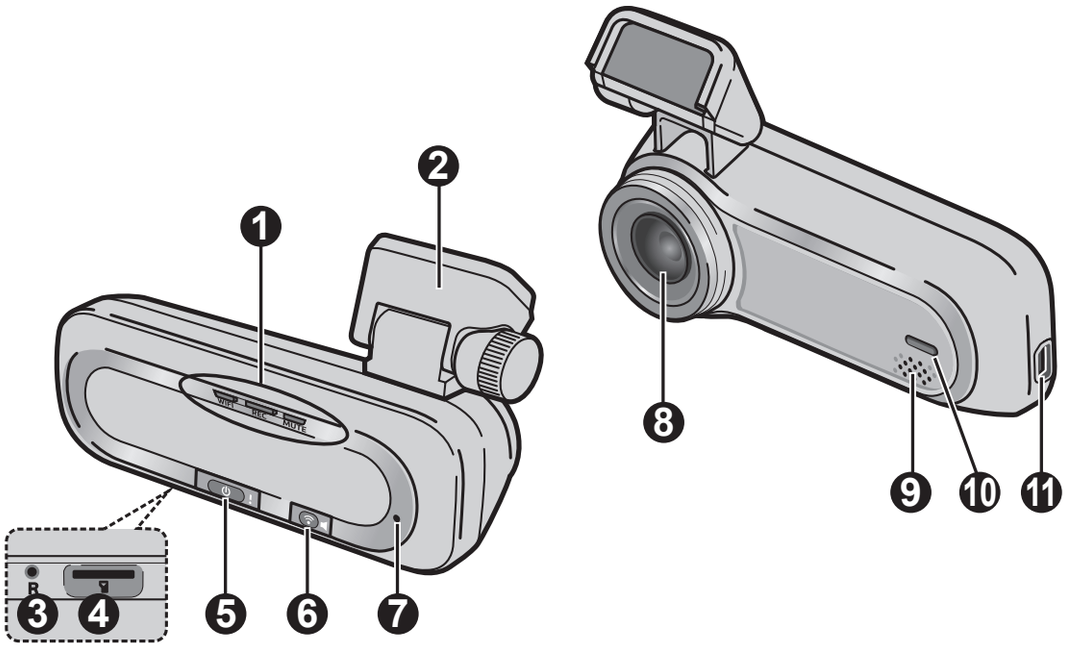
Getting to know your dash cam



1. System indicator (WIFI/REC/MUTE)
2. Device mount
3. Shutdown button
4. Memory card slot
5. Power/Event button
6. WIFI/Mute button
7. Microphone
8. Camera lens
9. Speaker
10. Parking indicator
11. Mini-USB connector

WIFI indicator (blue)

- Glows in blue when the WIFI mode is turned on.
- Flashes in blue when the dash cam is connected to the smartphone.

REC indicator (green/red)

- Glows in green when the recording is in progress.
- Flashes in green when an event recording is in progress.
- Glows in red when there is an error with the memory card.
- Flashes in red when the memory card is being formatted or an over-the-air (OTA) update is in progress.
- Flashes in green and red alternately when the battery power is low.

MUTE indicator (amber)

- Glows in amber to indicate the microphone is muted during recording.

Parking indicator (white)

- Glows in white when the system enters the Parking mode.

Power/Event button

- Press the button briefly to turn the dash cam on.
- When the dash cam is powered on, press the button briefly to start an event recording.
- When the dash cam is powered on, press and hold the button for 5 seconds to turn the dash cam off.

WIFI/Mute button

- Press the button briefly to mute or unmute the microphone during recording.
- Press and hold the button for 5 seconds to turn the WIFI mode on or off.

MiVue Pro App

The MiVue Pro app allows you to view, share and back up the videos recorded on a MiVue dash cam via WIFI. Search for "MiVue Pro" in Apple App Store or in Google Play Store to download the app for free.

Note:

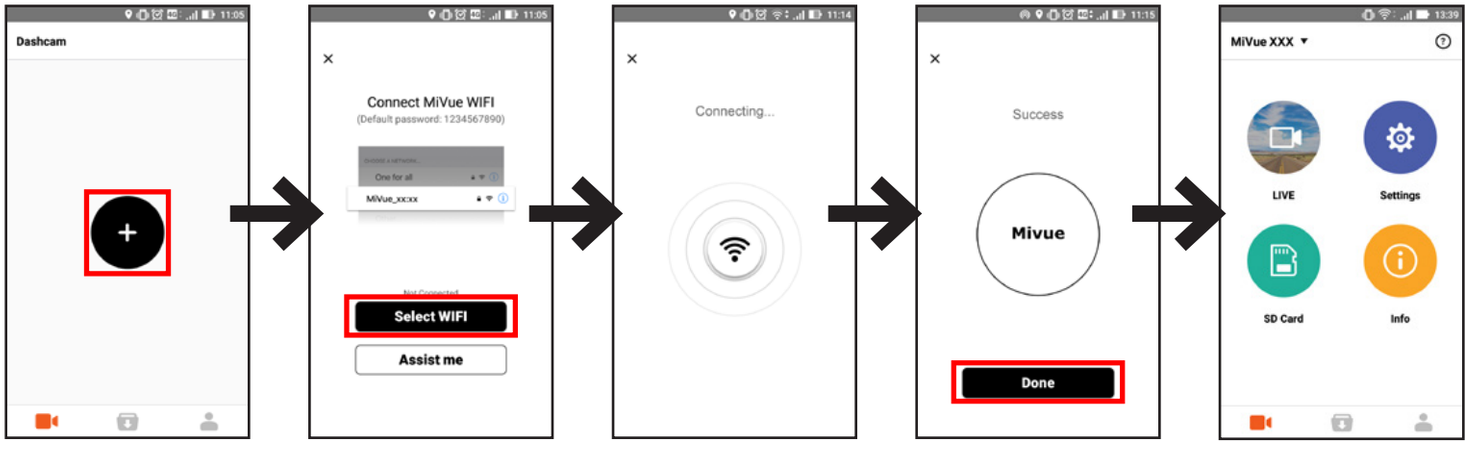
- The MiVue Pro app is compatible with iOS 9.0 (and above) and Android 5.0 (and above) devices. MiTAC does not guarantee the product's compatibility with smartphones from all manufacturers.
- Not all MiVue dash cam models support the MiVue Pro app or all its features.

Setting up a WIFI connection

On the MiVue dash cam, press and hold the WIFI button for 5 seconds to enable the WIFI mode. The WIFI indicator glows in blue when the WIFI mode is enabled.

On your smartphone, follow the steps to set up the WIFI connection.

1. Make sure that you have enabled the WIFI function on the smartphone.
2. Open the MiVue Pro app and tap the "+" icon.
3. Tap **Select WIFI** and then select the dash cam you want to connect to.
4. Tap **Done** to complete the WIFI connection.
5. Once the devices are connected, the screen will display the main page ( ).



Note: The video resolution of the dash cam will be restored to the default setting automatically while the dash cam is connected to your smartphone. Once the two devices are disconnected, the video resolution will be changed back to its current setting automatically.

Updating your dash cam

Occasionally, MiTAC may offer you various software updates (including the device firmware, safety camera data and audio data). You can upgrade the data via OTA updates of the MiVue Pro app. When the new data is available, you will be asked to upgrade the data when you open the app. Follow the on-screen instructions to complete the update.

Using your dash cam in a vehicle

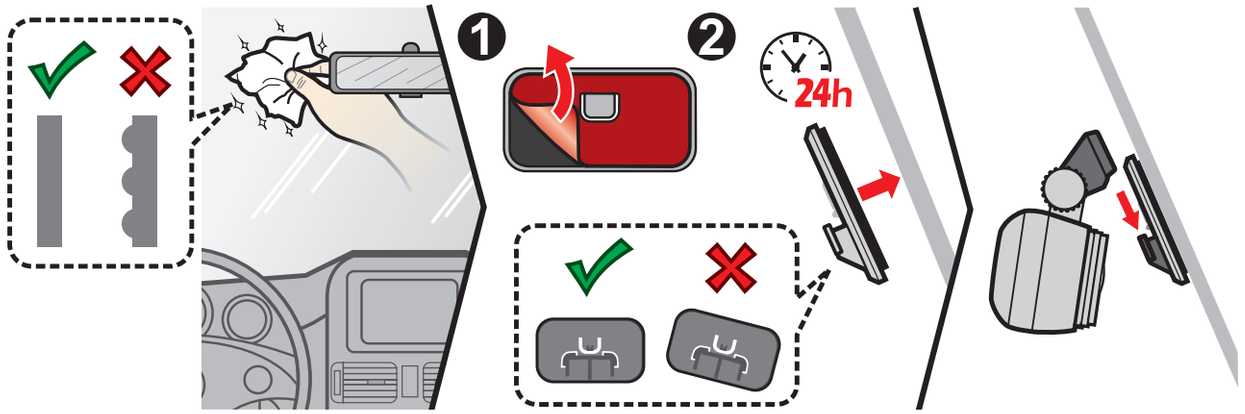
Precautions and notices

- Do not operate the device 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 is placed near the lens. Please keep the lens clean.
- If the car's windscreen 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.

- 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 start-up. To avoid G sensor malfunction, always turn the device on AFTER you mount it in the vehicle properly.

Mounting the dash cam

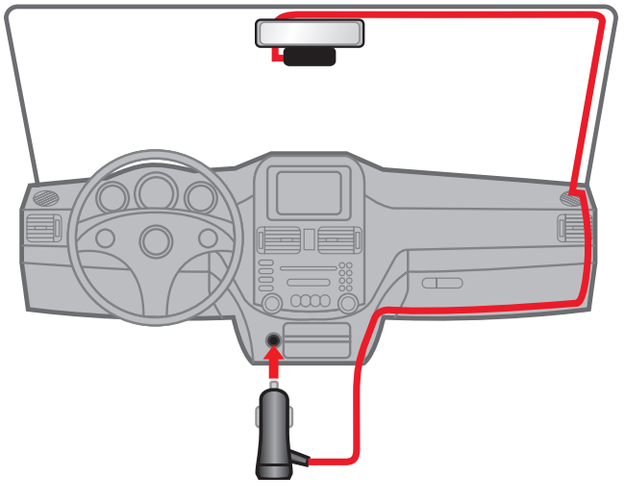
1. Make sure that your car is parked on level ground.



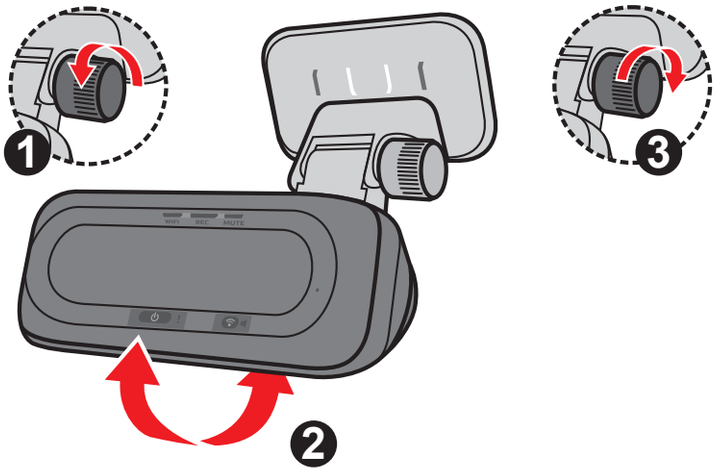
Note:

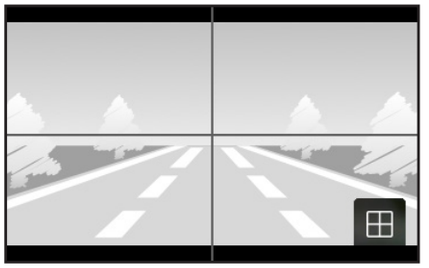
- Before sticking the mounting pad, clean the windscreen with rubbing alcohol.
- If the adhesion of the adhesive tape does not perform well, replace the tape with a new one.

2. Connect the car charger to the cigarette lighter. Route the cable 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 vehicle's airbags or other safety features.



3. 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.





MiVue Pro app > Live View

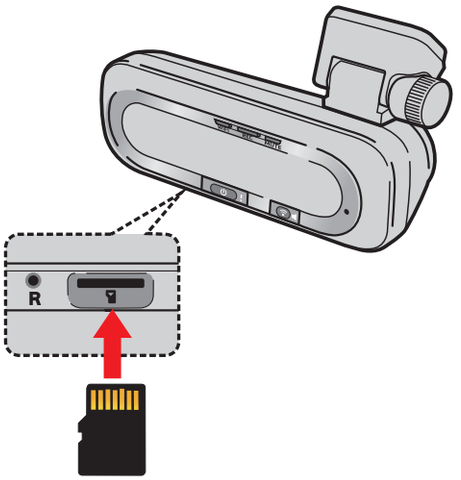
Note: Depending on your model, your device may support a rear camera (may be sold separately). For more information on using the rear camera, see the provided documentation in its package.

Using a memory card

You must insert a memory card (not supplied) before you can start recording. The dash cam supports the Class 10 memory cards with 8 GB – 128 GB capacity. You should use separate MicroSD cards for recording and for regular data storage.

Hold the card (MicroSD) 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

Use the MiVue Pro app to format a memory card (> **Settings** > **Format SD Card**).

Note:

- DO NOT apply pressure to the centre of the memory card.
- MiTAC 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 dash cam.
- Turn the device off before removing the memory card.

Turning the dash cam on

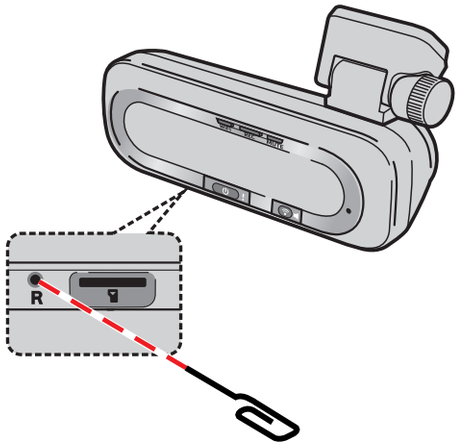
Complete the installation according to the instructions in the "Using your dash cam in a vehicle" section. Once the vehicle engine is started, the dash cam automatically turns on.

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 is shut down.

If the system does not shut down by keeping the Power button pressed, you can force it to shut down by inserting a small rod (such as a straightened paper clip) into the Shutdown button of the device.



Setting the date and time

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

1. Turn the dash cam on.
2. Open the MiVue Pro app and complete the WIFI connection.
3. Tap  > **Settings** > **Date / Time**.
4. Select **Manual** or **GPS**.
   - When you select **Manual**, the system will update its date and time settings by synchronising them with the connected smartphone.
   - When you select **GPS**, you need to set the **Time Zone** and **Daylight Saving Time** options according to your location. When done, the system will set date and time automatically.

Recording in driving mode

Continuous recording

By default, the system will automatically begin continuous recording in few seconds after start-up.

The recording may be divided into several video clips; recording will not stop between video clips.

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.

Note: You can change the sensitivity level of the G sensor via the MiVue Pro app.

The event recording will continue for 20 seconds to save the duration from seconds before the event until seconds after the event. The event recording can last up to 1 minute if the sensor is triggered again during the recording.

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

Parking mode

Your dash cam supports the parking recording function. You must use an additional power source to record the video during the Parking mode, such as a Mio uninterruptible power cable which is sold separately. For more information on using a Mio power cable, see the provided documentation in its package.

The Parking mode function is disabled by default. To enable the function, open the MiVue Pro app on the connected smartphone and then select > **Settings** > **Parking mode** > **Detection** > **On**.

When the Parking mode detection is enabled, the system will enter the Parking mode when the car stops moving for about 5 minutes. In the Parking mode, parking recordings could be triggered only when movements or vibrations are detected.

Note: The feature is triggered by the G sensor and motion detection of the device. You can change the setting via the MiVue Pro app.

The parking recording will continue for 20 seconds to save the duration from seconds before the event until seconds after the event. The parking recording can last up to 1 minute if the sensor is triggered again during the recording.

The system will exit the Parking mode when more than 5 seconds of continuous vibration is detected (for example, when the car starts moving).

Note: You can use MiVue Manager to view the videos recorded on your dash cam. See the "MiVue Manager" section for information.

Safety camera alerts

Caution: For legal reasons, the safety camera function is not available in all countries.

You can receive alerts to warn you about the locations of safety (speed) cameras which will enable you to monitor your speed through these areas. When a safety camera appears and is positioned in the detectable direction, you will receive alerts.

When the alert sound setting is set to **Beep**:

- When your car approaches a safety camera, you will receive a normal beep alert.
- When your car approaches a safety camera at a speed over the set threshold, you will receive a persistent beep alert until your car speed drops lower than the appropriate speed limit.
- When your car passes through a safety camera, you will be notified by a different beep alert.

You can change the settings about how you want to receive the safety camera alerts. See the “System settings” section for information.

System settings

Open the MiVue Pro app on the connected smartphone. Tap  > **Settings** to customise the system settings of the dash cam.

Note: Not all setting items and options are available for all models.

Video Recording

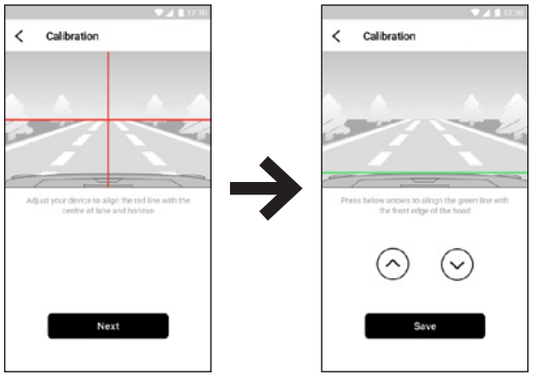
- **Video Clip Length:** Sets the length of each video clip for a continuous recording (**1 MIN**, **3 MIN** or **5 MIN**).
- **Frequency:** Sets the frequency for the camera to avoid problems caused by artificial light sources that are not constant.

- **WDR:** Enables the Wide Dynamic Range (WDR) function to improve the dash cam's image quality under high-contrast lighting conditions.
- **EV:** Sets the exposure level (**-1** – **+1**) to adjust the brightness of the image.
- **G-Sensor:** Sets the sensitivity level of the G sensor that allows automatic triggering of event recording while continuous recording is in progress.
- **Stamps:** Sets the information (**COORDINATE** or **GSENSOR**) that will be displayed on the recorded video.
- **Speed stamp:** Displays the driving speed on the recorded video.

Driving Safety

The dash cam provides advanced driving safety functions to make your driving safer.

- **Calibration:** You are advised to calibrate the system constantly in order to be alerted properly. Follow the steps to calibrate the system.
  1. Drive the vehicle in the middle of the lane.
  2. Ask a passenger to select this option and then follow the on-screen instructions to complete calibration.



- **LDWS:** The system will alert you when the detected car speed is over 60 km/h and the car has strayed from its intended lane.
- **FCWS:** The system will alert you when the car moves slowly and gets too close to the car ahead.
- **Headlight Reminder:** The system will remind you to turn the lights on when you are driving after dark.
- **Fatigue Alert:** The system will remind you to take a break for a long-distance drive (**2 hours**, **3 hours** or **4 hours**).

- **Stop and GO:** The system will alert you when the car ahead has proceeded to go after being stopped for longer than 10 seconds.

Parking Mode

- **Detection:** When enabled, the dash cam will automatically enters the Parking mode when the car stops moving for about 5 minutes.
- **Security LED Indicator:** Turns on or off the Parking indicator in the Parking mode.
- **Detection Method:** Sets the detection method (**GSENSOR**, **MOTION** or **BOTH**) to start parking recording when the system detects movements or if an event happens in the Parking mode.
- **G-Sensor Sensitivity:** Sets the sensitivity level of the G sensor that allows automatic triggering of the parking recording when the dash cam is in the Parking mode.
- **Motion Detection:** Sets the sensitivity level of motion detection to **Low**, **Medium** or **High**.

SafetyCam

- **Alert Sound:** Turns on (**Beep** or **Voice**) or off (**Mute**) the alert sound.
- **Alert Distance:** The system will alert you at a preset distance when a safety camera is detected.
- **Alert Method:** Sets the alert distance function according to the current GPS car speed (**Smart Alert**) or the speed limit (**Standard Alert**).

System

- **Date / Time:** Sets the system date and time.
- **Welcome Sound:** Enables or disables the notification sounds during start-up.
- **Volume:** Adjusts the volume level.

- **Distance Unit:** Sets the preferred distance unit.
- **Format SD Card:** Formats a memory card. (All data will be erased.)
- **Restore to Defaults:** Restores the system settings to the factory defaults.

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.

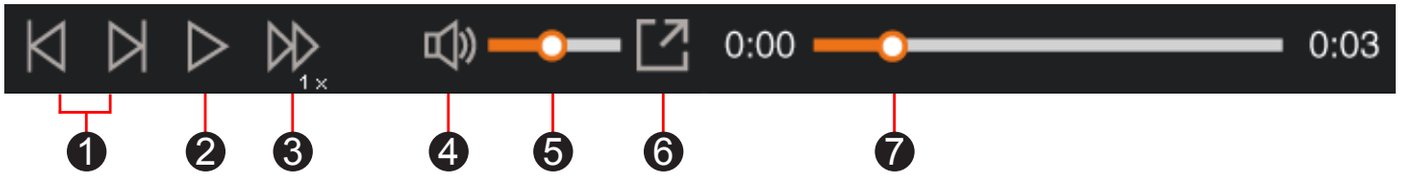
Installing MiVue Manager

Download MiVue Manager from the Support page of Mio website (www.mio.com/support) and follow the on-screen prompts to install it. Make sure to download the correct software version (Windows or Mac) according to your computer's operating system.

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 select 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**.
3. Double-click the desired file on the file list to start playback.

4. The playback controls are described as follows:



❶ Skips to the previous / next file on the list.

❷ Starts or pauses the playback.

❸ Changes the playback speed to 1/4x, 1/2x, 1x (default), 1.5x, or 2x.

❹ Mutes or unmutes the volume.

❺ Adjusts the volume level.

❻ Plays the video in full screen.

❼ 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 view more driving information from the dashboard panel and the G sensor chart that are displayed below the video playback screen.

- 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:

❶ Selects the folder that stores the recording files.

❷ Previews and prints the current video image.

❸ Saves the selected files to the specified location on your computer.

❹ Captures and saves the current video image to the specified location on your computer.

❺ Opens the Settings Menu.

- **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.

❻ Exports the GPS information of the selected file in the KML format to the specified location on your computer.

❼ Uploads the selected file to Facebook / YouTube™.

❽ In the playlist, the "F" and "R" marks displayed on the filename indicate that the video comes with a corresponding front video (F) or rear video (R). While playing the video, the screen displays the PIP (picture-in-picture) mode. You can switch the front and rear videos by clicking  .

Note: This feature is for selected models only.

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.
- Never clean your device with it powered on. Use a soft, lintfree cloth to wipe the exterior of your device.
- Never attempt to disassemble, repair or make any modifications to your device. Disassembling, modifying or any attempt to repair could cause damage to your device, may inflict bodily harm or damage to property 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.

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 / 1.5 A.

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.

Operating temperature

- MiVue dash cam: -10°C – 60°C
- MiVue dash cam with rear camera: -10°C – 55°C

About GPS

Note: This feature is not available on all models.

- 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 (such as trees, tunnels, viaducts and tall buildings).
- The GPS positioning data is for reference only.

Regulatory information

For regulatory identification purposes, MiVue J60/J80 Series is assigned a model number of N606.

CE Products with the CE marking comply with the Radio Equipment Directive (RED) (2014/53/EU) - issued by the Commission of the European Community.

Compliance with these directives implies conformity to the following European Standards:

IEC 60950-1:2005

IEC 60950-1:2005/AMD1:2009

IEC 60950-1:2005/AMD2:2013

(EN 60950-1:2006 +A11:2009 + A1:2010 + A12:2011 + A2:2013)

EN 301 489-1 V2.1.1 (2017-02)

EN 301 489-17 V3.1.1 (2017-02)

EN 303 413 V1.1.1 (2017-06)

EN 61000-3-2:2014

EN 61000-3-3:2013

EN 61000-4-2:2009

EN 61000-4-3:2006+A1:2008+A2:2010

EN 61000-4-4:2012

EN 61000-4-5:2014

EN 61000-4-6:2014

EN 61000-4-11:2004

EN62311: 2008

EN62479: 2010

EN 50498:2010

The manufacturer cannot be held responsible for modifications made by the User and the consequences thereof, which may alter the conformity of the product with the CE Marking.

Declaration of conformity

Hereby, MiTAC declares that this N606 is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

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 – 2012/19/EU). Instead, it should be disposed of by returning it to the point of sale, or to a municipal recycling collection point.