User Manual

MiVue™ M760D

Table of contents

Precautions and notices

- Never attempt to disassemble, repair or make any modifications to your device. Disassembly, modification or any attempt at repair could cause damage to the device and will void any warranty.
- If you see or smell smoke from the device, stopping charging immediately.
- Keep the device away from the chemical substances or detergents. They could be corrosive and cause damage to the surface of the device.
- Do not subject your device to severe shock, or insert any object other than memory card into the slot.
- Make sure that no object is blocking the camera lens and no reflective material appears near the lens. Please keep the lens clean.
- For your own safety, do not operate the controls of the device while riding a motorbike.
- When taking the device out of the water, make sure the device is completely dried-up and all foreign objects are removed before opening the protective cover.
- Avoid water spray on the device while the protective cover is loose or removed; otherwise, it may cause damage to the device.
- Make sure to install the product securely. Do not move the product after it is installed.
- Do not place the device in the water without closing any supplied covers to prevent water from flowing inside the device.
- Do not wash the device using high-press water spray.
- The product has a built-in WIFI module. Do not cover the product with metal material during installation.

- Do not expose the wires or connectors to avoid malicious damage.
- The installation illustrations are for your reference only. The placement of the components may vary depending on the vehicle model. If you encounter any problems during installation, please contact a skilled installer (for example, the service personnel of the vehicle) for assistance.

Getting to know your Mio

✎ 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.

Main unit
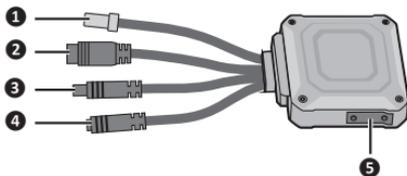
❶	Waterproof power cable connector
❷	Control box connector
❸	Front camera cable connector
❹	Rear camera cable connector
❺	Memory card slot cover

GPS multi-function control box
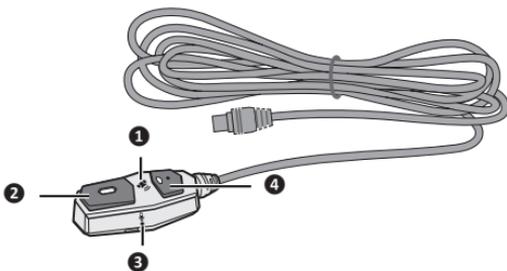
❶	GPS receiver
❷	Button 1, red indicator
❸	Microphone
❹	Button 2, blue indicator

Using a memory card

You have to insert a memory card before you can start recording. Your device supports Class 10 memory cards with up to 128 GB capacity.

1. Use a suitable screwdriver. Loosen the 2 screws securing the cover of the memory card slot, and remove the cover.
2. 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.

3. Replace the cover of the memory card slot, and secure it with 2 screws.

✎
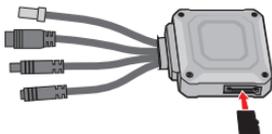
• You should use separate MicroSD cards for recording and for regular data storage.

• The memory card slot is not hot-swappable. Insert the memory card before powering on your Mio. DO NOT remove the memory card during recording. Turn the device off before removing the memory card.

• MiTAC does not guarantee the product's compatibility with MicroSD cards from all manufacturers.

• If there is an error with the memory card, the red indicator on the GPS multi-function control box will glow. Please check your memory card.

• During the formatting of the memory card or an over-the-air (OTA) firmware update, the red indicator on the GPS multi-function control box will flash.

• Do not apply pressure to the centre of the memory card.

Formatting a card

Before you start recording, please format the MicroSD card to avoid malfunction caused by files not created by your Mio.

To format a memory card (all data will be erased), press and hold Button 1 on the GPS multi-function control box for about 10 seconds.
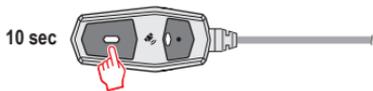
Installing the cameras

Clean the installation surface with rubbing alcohol and make sure that the installation area is free of dust, oil and grease.

Secure the camera with the double-sided tape or cable tie.

To adjust the angle of the camera lens:
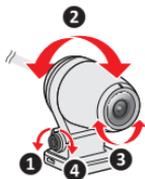
1. Loosen the screw on the side of the camera holder (❶).
2. You can adjust the camera lens by rotating up and down (❷) and left and right (❸).

   Adjust the angle of the camera lens by checking the the camera's live view via the MiVue Pro app. (For the information on the MiVue Pro app, see the "MiVue Pro app" section.)

   • Tap ⊞ to display the grids to help make sure that the image is parallel to the ground.

   • Tap 🔄 to switch between the front and rear cameras.
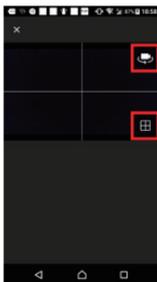
3. Tighten the screw to secure the camera (❹).

Caution: When tightening the screw, do not use excessive force (no more than 2 kgf of torque) to avoid damage to the product.

Cable connections

Caution: Make sure that water will NOT flow down to your Mio's main unit along the cables.

You are advised to tape the cables together, cover and secure them inside the motorbike to avoid damage or abnormal sound.

Connecting the main unit, control box and cameras

Connect the GPS multi-function control box to the control box connector on the main unit.

Use the provided camera cables to connect the front and rear cameras to the main unit. Do not connect the cameras to the main unit without using the camera cables. Make sure that the connectors are properly secured.
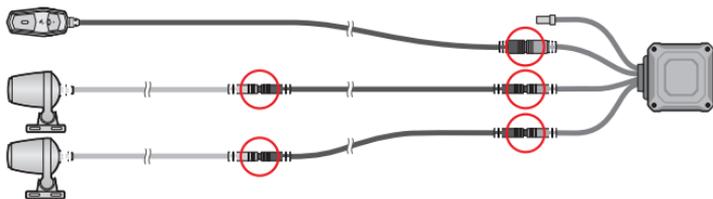
Depending on your model, ferrite cores may be provided to eliminate electromagnetic interference. To install the ferrite core on the camera cable:

1. Open the ferrite core.
2. Place the cable in the groove of the ferrite core.
3. Close the ferrite core.
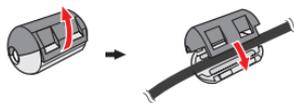
4. The ferrite cores should be installed in the places as shown in the illustration.
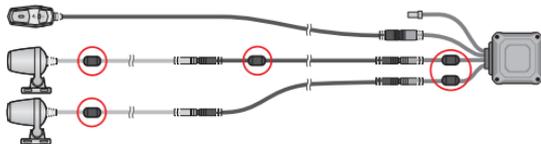
✎ Ferrite cores are not required for all Mio models. The look of the ferrite core may differ from what is shown in this document.

Connecting the main unit and waterproof power cable

1. Check and confirm the vehicle's voltage (12 V) by using the electrical tester as battery voltages varies by vehicle.

2. Choose one of the following connections:

   • Use the electrical tester to locate the fuse from which the power is not supplied when the vehicle is turned off. Connect the red wire (ACC) to the fuse.

   Use the electrical tester to locate the fuse from which the power is supplied even when the vehicle is turned off. Connect the yellow wire (B+) to the fuse.

   This connection allows the system to save the time settings for a long time.

   • Combine the red wire (ACC) and the yellow wire (B+) before connecting them to the fuse from which the power is not supplied when the vehicle is turned off.

3. Connect the black wire (GND) to the metal part of the vehicle for grounding. Make sure that the metal part is connected to the negative battery terminal of the vehicle.

   Failing to do so will cause the power cable to malfunction. Have a screw ready to secure the wire.

❶	Red wire (ACC)
	Connect to the fuse from which the power is not supplied when the vehicle is turned off.

❷	Black wire (GND)
	Connect to the metal part and the negative battery terminal of the vehicle.

❸	Yellow wire (B+)
	Connect to the fuse from which the power is supplied even when the vehicle is turned off.

4. Connect the power cable to the main unit. Arrange and secure the cable to the vehicle. Avoid exposing the long cable.

5. Check the installation:

   • Your Mio automatically turns on and starts continuous recording once the vehicle is turned on (ACC-ON).

   • Your Mio automatically turns off when the vehicle is turned off (ACC-OFF).

✎ Your Mio does not support power banks.

Caution:

• The waterproof power cable is designed specifically for your Mio. Do not use it for other purposes.
• Do not use the waterproof power cable outside the limited voltage range. The waterproof power cable is only for DC 12 V motorcycles.
• During installation, do not damage and keep the connectors dry to avoid short circuits and electric shocks.
• For safety purposes, properly secure your Mio and the waterproof power cable to the vehicle. Store the cables properly so that they cannot be pulled or hooked easily.
• During installation, do not cause friction and damage to the surface of the wires to avoid fire or short circuits.
• The status of the vehicle's battery will affect the voltage value and may cause it to malfunction. Use a new battery if the current battery is aging, is having poor charging and discharging performances, or cannot store charge normally.

- When using your Mio, start the engine of the motorcycle as soon as possible. The engine may not start due to low voltage or over-discharge if you rely on the vehicle battery to supply power to your Mio for long periods of time.
- If the red wire (ACC) is connected to the fuse from which the power is supplied even when the vehicle is turned off, your Mio will not turn off and the engine may not start due to low voltage or over-discharge.

Securing the main unit, control box and cameras

Main unit: Use the supplied cable tie or dual-lock tape to secure the main unit to the desired location. Avoid exposing the main unit.

GPS multi-function control box and front and rear cameras: Use the double-sided tape at the bottom of the control box or the camera, or use the supplied cable tie, to secure the control box or camera to the desired location.

MiVue Pro app

The MiVue Pro app allows you to view, share and back up the videos recorded on a MiVue via WIFI. You can also change the settings of your Mio via the MiVue Pro app.

Search for "MiVue Pro" in Apple App Store or in Google Play Store to download the app for free.

✎

- 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 models support the MiVue Pro app or all its features.
- The WIFI connection between your Mio and smartphone is not Internet-enabled.

Setting up a WIFI connection

The WIFI function of your Mio is enabled by default. 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 SSID of your Mio.
4. Enter the password (1234567890) and tap **CONNECT**.
5. Tap **Done** to complete the WIFI connection.

On your smartphone, open the MiVue Pro app and keep it awake. You can now transfer videos to your smartphone.

Recording

Continuous recording

The system will automatically begin continuous recording shortly after start-up. The blue indicator on the GPS multi-function control box will glow, indicating that recording is in progress.

✎ The recording may be divided into several video clips (approximately every minute for each video clip); recording will not stop between video clips.

To stop recording, press Button 2 on the GPS multi-function control box. Your Mio will enter the standby mode, and the blue indicator on the GPS multi-function control box will flash briefly. To start recording, press Button 2 on the GPS multi-function control box.
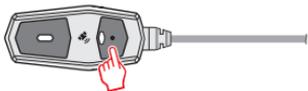
Your Mio automatically stops and saves the recording when the vehicle engine is turned off.

✎

• If there are abnormal signals from the camera, the red indicator on the GPS multi-function control box will flash (front camera: rapid flashing within every second; rear camera: flashing once every second). Please check the status and connection of the camera.

• When your memory card fills up with continuous recordings, it will automatically record over the oldest existing files in this category.

Event recording

You can start an event recording during the continuous recording by pressing Button 1 on the GPS multi-function control box. The blue indicator on the GPS multi-function control box will flash rapidly within every second.

Within 15 seconds of the event recording, you can extend the recording for 10 seconds by pressing Button 1 once. The recording can last up to 60 seconds. Event recordings will not be replaced by continuous recordings.
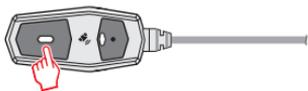
✎ When your memory card fills up with event recordings, it will automatically record over the oldest existing files in this category.

Customising the settings

You can customise the system settings via the MiVue Pro app on the connected smartphone.

Video Clip Length	Sets the length of each video clip for a continuous recording.
Frequency	Sets the frequency for the camera to avoid problems caused by artificial light sources that are not constant.
EV	Sets the exposure level to adjust the brightness of the image.
Record Sound	Sets if you want to include sounds in the recordings.
	✎ When this function is turned on, it is normal if you hear wind noise during riding.
Stamps	Sets the information that will be displayed on the recorded video.
Speed Stamp	Displays the driving speed on the recorded video.
Date / Time	Sets the system date and time. By default, your Mio will acquire correct date and time settings after getting a GPS fix.
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 Mio.

✎ 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 your Mio 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**. (Your Mio model may not support the "Parking" file type.)

   • 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).

   ✎ 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. 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.
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 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 ⇄. ✎ This feature is for selected models only.

Resetting your Mio

Occasionally, you may need to perform a hardware reset when your Mio stops responding; or appears to be "frozen" or "locked-up." To reset your Mio, press and hold Button 1 and Button 2 on the GPS multi-function control box at the same time for about 5 seconds.

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, lint-free cloth to wipe the exterior of your device.
- 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.
- Dry the device and keep it dry as soon as possible after use on rainy days.

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

Regulatory information

For regulatory identification purposes, MiVue M760D series is assigned a model number of N594.

CE

$\mathsf{C}\mathsf{E}$

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:

- EN 300328
- EN 301489-1/-17-19+
- EN 303413
- EN 50498
- EN 55032+24
- EN 62368-1

- EN 62479
- IEC60950-1:2005
- IEC60950-1"2005/AMD1:2009
- IEC60950-1"2005/AMD2:2013

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 N594 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.

Safety precautions

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. 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.

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

Disclaimer
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.

The device (including accessories) is protected again splashes, water and dust. When tested under controlled laboratory conditions, the device is compliant with the IP67 rating of the IEC 60529 standard. The manufacturer guarantees this grade provided all jack covers are properly and securely closed. Immersion in water or water-pressure such as washing the unit with running water may cause damage to the unit and voids warranty. Normal wear might decrease resistance. The device should not be operated in water.