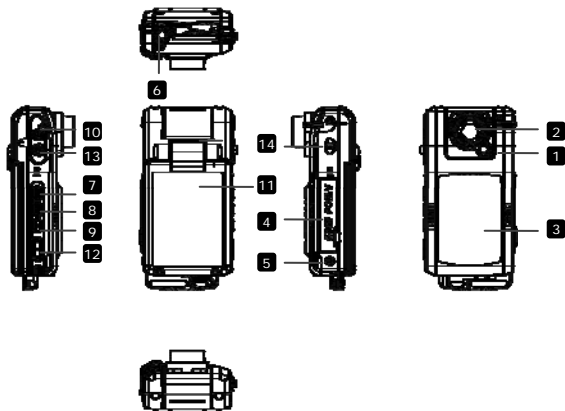


## 1. Packing List

- |                      |               |                         |
|----------------------|---------------|-------------------------|
| 1. Prestigio car DVR | 4. USB cable  | 7. Rechargeable battery |
| 2. Suction mount     | 5. HDMI cable | 8. Quick start guide    |
| 3. Car charger       | 6. AV cable   | 9. Pouch                |

## 2. Device Overview



- |                              |  |
|------------------------------|--|
| <b>1</b> LED light           | <b>8</b> Mode Button   |
| <b>2</b> Lens                | <b>9</b> Play button   |
| <b>3</b> Battery door        | <b>10</b> Power button   |
| <b>4</b> AV, USB, HDMI ports | <b>11</b> LCD display  |
| <b>5</b> Reset button        | <b>12</b> Record button  |
| <b>6</b> Mount hole          | <b>13</b> Navigation button (5 directions – up, down, left, right, center) |
| <b>7</b> Menu button         | <b>14</b> Speaker  |

## Getting started

### 3. Power on/Power off

- Position the device in the vehicle using the suction mount and press the Power button to turn it on. To power off the device press the button again.
- You can also connect the device to the car charger. It will automatically turn on and start recording when the car engine starts. When the engine stops, the device will automatically save the last file and turn off.

**Note:**

USB IN must be activated (for more details see **section 9 - USB IN**).

### 4. Charging

- Using the USB cable: connect the device to the USB port of a computer. The USB menu will be displayed, containing **MSC**, **Charge** and **Power On**. Select **Charge** and the device will immediately start charging.
- Using the car charger: Connect the device to the car charger. The device will start charging after the car engine is turned on. The device will automatically turn on and start recording (if **USB IN** is activated). When the engine stops, the device will automatically save the last file and turn off.

**Note:**

You can manually set the automatic shut down time after stopping the car engine. Go to Video **Menu**→**Video Settings**→**Shutdown** and choose the desired option.

- Normally it takes approximately 2-3 hours to fully charge the device. Operating the device while charging with the AC adapter may extend the time of full charge.

**Note:**

Before using the device for the first time, please, connect it to the PC or notebook using the USB cable provided to fully charge the Li-ion battery. The battery is completely charged in 2-3 hours.

### 5. Inserting the SD-card

- Before starting video recording, please, insert an SD card (not

included) into the SD card slot in the device.

- To extract the SD card slightly push it inside the device, and remove.

**Note:**

After inserting the SD card the device will automatically recognize it as default storage and all the data will be saved on this card.

## 6. Recording

- To start recording make sure the Video Mode is selected. Press the **Record** button to start recording. The recorded files are saved on SD Card. To stop recording, press any button or stop the car engine if the device is connected to the car charger. The light will turn off.
- With car charger connected the device will automatically turn on and start recording if **USB IN** is activated.

## 7. Taking pictures









- To take a picture make sure the Picture Mode is selected. Press the **Record** button to take a photo. Taken photos are saved on SD Card.
- To take photos with a flash press the navigation button left/right, until the necessary flash symbol appears on the screen. To zoom the lens in/out press the navigation button up/down.

## Home screen

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### 8. Main menu

The following symbols may be displayed on the screen:

	Video recording mode		Storage card
	Picture mode		Battery level
	Play		Auto flash
	System settings		Fill flash

	Flash is off		Cloudy
	Picture size is 5m		Tungsten
	Picture size is 8m		Fluorescent
	Picture size is 12m		High definition
	Sunny		WVGA

## Settings

### 9. Video Menu settings

Turn on the device and make sure the Video mode is selected.

**Note:**

To select Video or Picture Mode press the **Mode** button. The appropriate symbol will be displayed in the top left corner of the screen.

- Press **Menu** button to enter Settings. Press the navigational button up/down to select the option and press it left/right to set the value.

The following options list is available in the Video menu:

- **Size:** Select the video image size from 1920x1080 (30 fps), 1920x1080 (15 fps), 1440x1080, 1280x720, 848x480.
- **EV:** Select the exposure compensation (when the device fails to identify the correct exposure automatically).
- **White Balance:** Select the correct white balance according to the lighting conditions.
- **Contrast:** Select your preferred contrast.
- **Sharpness:** Select the needed sharpness of the image.
- **Effect:** Select the special colour effect to apply to the image.
- **Scene:** Select the video mode (such as night recording, landscape or portrait orientation etc).
- **ISO:** Set the ISO.
- **Recycle:** Once there is no more free space left on the SD card the

device will automatically erase the oldest files on the card and continue recording new ones. Select one of the values to set the video duration.

- **USB IN:** Set to ON to start video recording automatically after turning on the car engine. This option is effective when the device is connected to the car charger. If USB IN is not activated, the device will launch the start-up screen after you turn on the car engine.
- **Shutdown:** Select the time of automatic shutdown, when the device is connected to the car charger. You can choose values between Power Off (immediate shutdown after the car engine stops), No (the device will continue working even after the engine stops), 10 min, 5 min, 10 second (the device will turn off in 10 minutes, 5 minutes or 10 seconds accordingly after the car engine stops).
- **Video Flip:** The device can record video in 2 different positions – when the camera is on the top (like on the scheme in **section 2**) and when it is in upside down position. To make sure the video file is not played upside down, select Video flip – Yes.
- **Motion Detect:** After enabling this function the device will start recording automatically if it detects a moving object and stop recording when there is no movement detected.
- **Mic:** Select to turn the microphone on or off.

## 10. Picture Menu settings

Turn on the device and make sure the Picture mode is selected.

### Note:

To select Video or Picture Mode press the Mode button. The appropriate symbol will be displayed in the top left corner of the screen.

- Press **Menu** button to enter Settings. Press the navigational button up/down to select the option and press it left/right to set the value.
- The following options list is available in the Picture menu:
- **Size:** Select the image size from 5m, 8m and 12m.
- **EV:** Select the exposure compensation (when the device fails to identify the correct exposure automatically).
- **Quality:** Select the image quality.
- **White Balance:** Select the correct white balance according to the lighting conditions.
- **Contrast:** Select your preferred contrast.
- **Sharpness:** Select the needed sharpness of the image.

- **Effect:** Select the special colour effect to apply to the image.
- **Scene:** Select the video mode (such as night recording, landscape or portrait orientation etc).
- **ISO:** Set the ISO.
- **Selftimer:** Select On to use the timer when taking pictures.
- **Burst:** Select this option to make a set of pictures with one click.

## 11. General settings

Press **Menu** button to enter Settings. Press the navigational button right to select Settings. The following settings are available:

- **Volume:** Select the playback volume and tone volume on key press.
- **Language:** Select the desired language from the list.
- **Date:** Install the current date.
- **Clock:** Install the current time.
- **Format:** Select to format the SD card.

### Important note:

Once you select YES and press the navigation button the card will be formatted without warning. All data on it will be erased.

- **System reset:** Select to restore default system settings.
- **Auto Off:** Select the time of automatic power off when the device is not in use.
- **Light frequency:** Change frequency to remove the blinking effect when recording under artificial lighting.
- **Stamp:** Select ON to add time and date indications to the images and video.
- **Version:** Displays the current system version.

## 12. Playback mode

To enter playback mode press Play button. The last recorded file will be displayed. Press the navigation button to view the file, press it right or left to view other recorded files, or press it down to display thumbnails of all recorder files. To enter menu options press Menu button. The following settings are available:

- **Delete:** Select Yes to delete the current file.
- **Slide show:** Select to display the files in slide show.

## 13. USB connection

To download registered files on your PC/notebook, please, connect the

device to the PC or notebook via USB-cable provided. After connecting the device to the PC the USB menu will be displayed, containing **MSC**, **Charge** and **Power On**. Select MSC, and the device will appear in "My computer" as the removable disk. All registered files are stored in DCIM folder, videos are stored in MOV format, and the pictures are stored in JPG format. You can now download the files from the device.

#### 14. Playback on TV

To playback the recorded files on TV connect the device to your TV with the AV or HDMI cable provided and follow the TV instructions or refer to your TV user manual.

##### Notes:

- Please insert the SD card before recording. SD card is not included in the package.
- When the SD card is out of memory, it will automatically erase the oldest files and start recording from the beginning (only if the Recycle option is activated).

### Safety precautions

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Please observe all safety precautions before using Prestigio Roadrunner 510. Please follow all procedures outlined in this manual to correctly operate the device.

- Do not attempt to disassemble or alter any part of the device that is not described in this guide.
- Do not place the device in contact with water or any other liquids. The device is NOT designed to be liquid proof of any sort.
- In the event of liquid entry into interior of device, immediately disconnect the device from the computer. Continuing use of the device may result in fire or electrical shock. Please consult your product distributor or the closest support center.
- To avoid risk of electrical shock, do not connect or disconnect the device with wet hands.
- Do not place the device near a heat source or directly expose it to flame or heat.
- Never place the device in vicinity of equipments generating strong electromagnetic fields. Exposure to strong magnetic fields may cause malfunctions or data corruption and loss.

## Technical Specifications

<b>Recording resolution</b>	1920x1080 (30 fps), 1920x1080 (15 fps), 1440x1080, 1280x720, 848x480 pixels
<b>Video format</b>	MOV
<b>Picture format</b>	JPG
<b>Power source</b>	Replaceable rechargeable battery
<b>Interfaces</b>	HDMI, USB, AV out, SD card (Supports max 32GB, high-speed SD card recommended)
<b>Microphone</b>	Built-in
<b>Operating temperature</b>	- 5° ~ 40°C

## Video Storage Capacity

Storage card(G)	H.264 720P	H.264 1080P	848 X 480P (WVGA)	2592 X 1944 (5M)	3264 X 2448 (8M)	3264 X 2448 (12M)
8G	180min	130min	266min	4720 photos	3193 photos	2400 photos
4G	90min	65min	133min	2360 photos	1565 photos	1200 photos
2G	45min	30min	66min	1180 photos	753 photos	600 photos
1G	20min	15min	33min	590 photos	386 photos	300 photos

## Disclaimer

As the Prestigio products are constantly updated and improved, your device may have a slightly different appearance or modified functionality than presented in this Quick Start Guide.