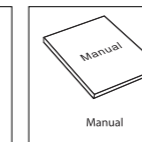
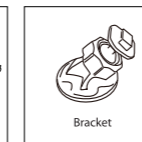
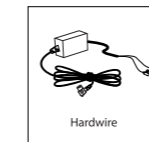


FUNCTIONS

Setting	WiFi	ON/OFF
	Date/Time	YY/MM/DD, MM/DD/YY, DD/MM/YY
	Key Voice	ON/OFF
	Language	English, Chinese Simplified, Chinese Traditional, Japanese, Thailand
	License Plate	7-alphanumeric
	Screensavers	OFF/1-min/3-min
	Boot Sound	ON/OFF
	Format	All data will be deleted. Backup data to prevent unwanted files from being deleted
	Default setting	Restore setting to default setting
	Version	BP8.1A version
Video/ Image	Resolution	2K (Front) + 1080 (Rear)/ 1080 (Front) + 1080 (Rear)
	Loop Recording	1-min/3-min/5-min
	Parking Time Lapse	OFF/1s/2s/3s
	Record Audio	50Hz/60Hz
	Frequency	ON/OFF
	G-sensor	Off/Low/Medium/High
Playback	Delete, Recorded Video/ Photo	Front/ Rear Video & Photo

ACCESSORIES



*Subject to change

BLAUPUNKT

12V/24V
DIGITAL VIDEO RECORDER
BP 8.1A 2-CHANNEL



Enjoy it.

CAUTIONS

- Please insert the micro SD card in the right direction to avoid damage to the card or the device. If device shows error message, please format the micro SD card from device menu. Please reset device or change micro SD card if similar error continues.
- Note: All files will be deleted when formatting micro SD card or firmware update, please backup the important files prior to that. When reset function is selected, the device will return to default setting.

Note: All files will be deleted when formatting micro SD card or firmware update, please backup the important files prior to that.

- Assign mounting location that will not obstruct driver in any circumstances. Or cause injuries to drivers and passengers in case of emergency brake or accident.

Blaupunkt does not warrant the performance of device if used with other Micro SD card other than Blaupunkt Micro SD card

- New Micro SD card must be formatted for first use. Micro SD must be formatted once every 6-month.

Ensure bracket is installed correctly & firmly on windscreen to avoid damage to device and for better recording angle.

- Please do not use product under wet environment as device is not waterproofed/ water resistant.

Please do not record or take picture facing sunlight.

To obtain clear image, please clean windscreen and device lens regularly. Avoid using device in dusty environment.

Handle device with care and avoid direct impact on the device. Avoid using device in high electromagnetic environment.

- Please operate the product within the temperature of -20°C ~ 80°C. Continuous exposure to sunlight, especially when locked in cabin where temperature exceeds 80°C may result to device malfunction, colour change, housing and image distortion.

Disclaimer:

- Blaupunkt is not liable for any loss or damage caused or resulting from unauthorized disassembly or modification to the product.

- In no event shall Blaupunkt be liable for any direct, indirect, punitive, incidental, special consequential damages, to property or life, improper storage, whatsoever arising out of or connected with the use or misuse of our products.

USA & CANADA: Products not intended for sales in the United States and Canada. If purchased in the U.S. or Canada, this product is purchased as-is. No warranty, expressed or implied is provided in the U.S. and Canada.

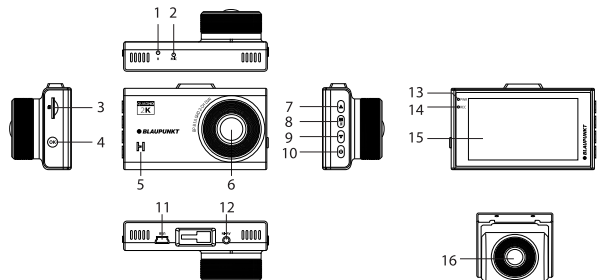
This device is NOT intended to be used for illegal purpose, surveillance and shall not be used in any form as evidence for claim purposes.

Some countries prohibit drivers from mounting anything on the windshield, or restrict mounting to specific areas of the windshield. It is the owner's responsibility to mount the device in compliance with local laws.

Error may occur depending on the surrounding environment and the voltage of the car.

Blaupunkt is not liable/responsible for non-recorded event, missing files, etc.

STRUCTURE



- Reset
- Microphone
- Micro SD card slot
- OK Button
- Speaker
- Front DVR Lens
- Up
 - Menu Setting & Playback Mode
 - Press to page up
 - Recording Mode & Camera Mode
 - Press to switch front & rear camera view
 - Press and hold for 2 second for ON/OFF WIFI
- Menu/ Mode
 - Menu Setting
 - Press to select Menu option at standby mode
 - Mode
 - Press and hold for 2 second to select Playback mode
- Down
 - Recording Mode
 - Press to Mute & unmuter
- Camera Mode
 - Press and hold for 2 seconds at standby mode to switch between Video & Photo mode
- Power
 - Screensaver Mode
 - Press to hide the screen & press again to display the screen
 - Turn On/Off
 - Press and hold for 2 second to turn on
 - Press and hold for 2 second again to turn off
- 12V-24V mini USB power supply
- Rear DVR cable input
- Operation Indicator Light
 - Flashes during operating
- Recording indicator light
 - Blink during recording
- 3.0" LCD screen
- Rear DVR Lens

FEATURES

- Resolution : Front 4MP 2K 2560 x 1440 (25fps) Rear 2MP FHD 1920x1080 (15fps)
- Wide viewing angle : Front - 140°, Rear - 110°
- Screen display : Front, Rear, PIP (picture in picture)
- 3.0" LCD screen display
- Super capacitor technology
- Low car battery voltage cut off
- Built-in G-sensor
- Wireless control app available at App Store & Play Store
- Built-in microphone & speaker
- Language : English, Chinese Simplified, Chinese Traditional, Japanese & Thailand
- Power supply : DC 12V ~ 24V
- Temperature : -20°C ~ 60°C (Operating), -30°C ~ 80°F (Storage)
- Support up to 64GB Class 10 microSD
- Dimension (WxHxD) : Front 85x48x35mm, Rear 45x47x38mm
- Weight : Front 80g, Rear 37g (without cable)
- Includes : Front DVR & rear DVR, bracket, hardware & manual

FUNCTIONS - DVR

Pair DVR with Android Smartphone

The distance range between the DVR and smartphone is approximately 10 meters (33ft) in an open field environment.

Wireless Connection (Wi-Fi)

Enable Wi-Fi & Location on Smartphone before beginning (Refer to the instruction manual of the smartphone on how to operate Wi-Fi & Location)

- Download "Blaupunkt DVR Dashcam" app from App Store (iOS) or Play Store (Android).

- At standby mode, press "▲" and hold for 2 second to turn on **Wi-Fi**. Enter "Menu" mode and search for the **"WIFI ID"**, the **WIFI ID** & Password will be reveal.



- Search for the **WIFI ID** of BP 8.1A on your smartphone and key in the password shown on the DVR BP8.1A.

- Press on the centered **Blue** button to enter into the control view.



FUNCTIONS - DVR

- App will began recording automatically when **Blaupunkt DVR Dashcam** is connected.

Repet Wireless Connection steps whenever smartphone is disconnected

Switch between Front / Rear View in App

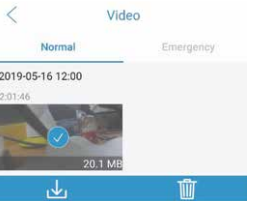
- Press "📷" to switch between front & rear camera view.

Download Video or Photo

- Go to app recording screen to select Video or Photo gallery.



- Press and hold preferred video/photo to select then press "↓" to download file.



Car License Plate Number

- Press "📷/M" (Menu/Mode) to enter the setting phase. Search for **"License Plate"** and select with **"OK"** (OK Button).

- Fill in the preferred numeric and alphabetic by pressing **"▲"** or **"▼"** (Up/Down button) and select with **"OK"** (OK button). Fill in the desired license plate number by repeating the steps.

- Press **"📷/M"** (Menu/Mode) when complete to exit the setting.

Emergency Recording

- The recording sign at the top left corner of the display will turn from red dot into yellow yellow. A yellow recording progress bar will appear at the bottom of the display.

a) Normal Recording



b) Emergency Recording



Format SD Card

- Format the SD Card before use for the first time. Press **"📷/M"** (Menu/Mode), search for **"Format"** and select with **"OK"** (OK button) to confirm on the format. Once formatting is completed, the BP8.1A is ready to be in use.

Super Capacitor Technology

- This technology ensure video files are saved even if sudden power cut-off.

Parking Timelapse Mode

- Press **"📷/M"** (Menu/Mode), search for **"Parking time lapse"** and select with **"OK"** (OK button). Next, select the preferred time lapse duration (1s / 2s / 3s). Press **"📷/M"** (Menu/Mode) to exit the setting menu.



Designed and engineered by Blaupunkt Competence Centre

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