

DIGITAL VIDEO RECORDER **BP 8.0** FHD 2-CHANNEL



Enjoy it.

Thank you for choosing our product. This manual will help you use our product properly. Please read the manual carefully before using. It will provide detailed explanation on installation and operation.

Cautions

1. Please strictly abide by the relevant national law. This product cannot be used for illegal purposes; otherwise take the responsibility by yourself.
2. Please insert the micro SD card in the right direction to avoid damage to the card or the device. If device shows error of "Please Insert Card Again", please format the micro SD card from menu setting. Please reset device or change micro SD card if similar error continues.

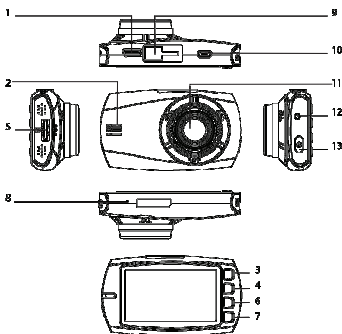
Note : All files will be deleted when formatting micro SD card, please backup the important files before format. All adjusted setting will be reset to default setting when reset button is pressed.

3. Recommend to use CLASS 10 or above micro SD card. Owing to all micro D card does not have equivalent standard in the market, not all micro SD card is compatible to device. Please test it on device before purchase.
4. Micro SD card must be **formatted before using** on device. Recommend to back up file once a week to avoid file missing/overwritten. Please format micro SD card once every month for function stability.
5. Please assure bracket is installed correctly & firmly on windscreen to avoid damage and for better recording angle.
6. Battery life-span will continuously decrease upon usage. Please charge battery once every month to preserve battery life in the event of long-term non-usage.
7. Please do not use product under moist environment as device is not waterproofed.
8. Please do not record or take picture facing sun.
9. To obtain clear image, please clean windscreen and device's lens

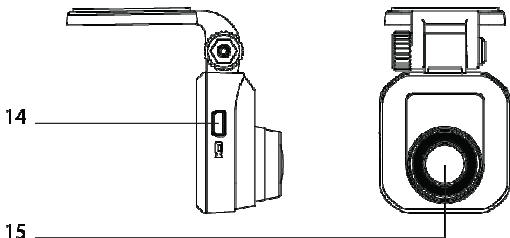
- with exclusive wipes regularly. Avoid usage in dusty environment.
10. The device cannot direct heavy impact on the shell and do not use it at high magnetic and electronic environment.
11. The device operating temperature is $-10^{\circ} \sim 60^{\circ}$, storage temperature is $-25^{\circ} \sim 75^{\circ}$.

Disclaimer : Company is not liable / responsible for non-recorded event, missing file, corrupted file etc.

1. Structures



- | | |
|------------------------------|--------------------|
| 1. Mini USB Port | 8. Microphone |
| 2. Speaker | 9. Bracket Mount |
| 3. SOS/Return/Menu Key | 10. Micro USB Port |
| 4. Mode / Snapshot / Up Key | 11. Lens |
| 5. Micro SD Card Slot | 12. Reset Key |
| 6. Mic / Playback / Down Key | 13. On/off Key |
| 7. OK/Stop Recording Key | |



14. Connecting Port

15. Lens

2. Features

- 2.7" LCD Display
- Ultra Wide Angle : Front 170°, Rear 120°
- Resolution : Front 4MP FHD1080 30fps, Rear 2MP FHD1080 30fps
- SOS Function, Motion Detection
- G-sensor, Loop Recording
- Parking Monitoring
- Build in Microphone & Speaker
- Driver Fatigue Alert
- Driver ID Setting
- Storage Media Micro SD/SDHC/SDXC up to 128gb (Non Included)

3. Key Definitions and Functions

I. Power Button

- Hold power button for 3 second to turn on or off the device.

II. SOS (File lock) / Menu/Return Button

- Press the button during recording mode to lock recording file, in order to save file as emergency file which will prevent the file from being overwritten.
- Press to enter/exit setting while in preview mode. The device will automatically start recording after existing setting.

III. Mode / Snapshot / Up Button

- Press it during recording mode to enter Mode options for Snapshot
- Press it during recording mode to preview mode (change display) to Menu / Snapshot / Playback / Resume Recording option

IV. Mic / Playback / Down Button

- Press it during recording mode to turn on/off MIC
- Press it during preview mode to enter Playback mode
- Press it to select option in Playback
- Press it during Playback mode to play the next video
- Press it to select options in menu

V. OK Button

- Press to start/stop recording to go to preview mode
- Press it during preview mode to resume recording
- Press it during Playback mode to select and play/pause video
- Press it to confirm setting in menu

4. Other Features Illustration

I. Reset Button

- Press button to reset device in case device failed to work.

II. Micro SD Card Slot

- Please make sure to insert card according direction shown on the

device to prevent any damages on the card and device

- The card should be SDHC compliant
- Please use device with card of class 10 and above for optimum performance
- Card must be formatted during the first use and should be formatted every month

III. Micro USB Port

- Please connect device with cigarette lighter charger when using device in car. When car ignition is turned on, device will automatically turn on when cigarette light charger is plugged-in.
Note : Please turn device power off before connecting to PC to avoid electrical shock damage.

IV. Mini USB Port

- Please connect front camera to rear camera using the provided wire by plugging it into the port

5. Indicator Light Definition

I. Red Light

- Light will turn on when supply with power, and off when charging cable is unplugged from the device

II. Blue Light

- Blinking blue light shows device is recording

6. Battery Status Definition



100%



75%



50%



25%



0%

I. Battery Charging

- Device can be charged using USB cable or cigarette charger

II. Low Power Warning

- In case of low power, and device is not charged, the device will automatically turn off.

III. Precaution

- The device will automatically turn off when unplug from power source, after 10 seconds of shutdown delay
- Users may set auto power off time in menu setting to save battery power. This setting allow device to turn off automatically when no operation has been detected according to the set time.

*Note : Device power input is restricted to 5V only

7.System Setting

Preview	Category	Sub-Category	Remarks
Menu Setting	Resolution	2560×1440p 30fps 2304×1296p 30fps 1920×1080p 60fps 1920×1080p 30fps 1280×720p 60fps 1280×720p 30fps	Default
	Screen Display	Front Camera Rear Camera PIP (Picture in Picture)	Default
	Loop Recording	1 minute 3 minutes 5 minutes	Default
	Voice Setup	On Off	Default
	Exposure (EV)	+2/3 +1/3 +0.0 -1/3 -2/3 -1.0 -4/3 -5/3 -2.0	Default
	Stamp Setup	Date Stamp	Default
	Language	English 简体中文, 繁体中文	Default

Menu Setting	Time Setup	DD MM YYYY HH MM SS	24-hour
	Driver ID Setting	9-digit	
	Button Beep	On Off	Default
	Auto Power Off	Off 1 minute 3 minutes 5 minutes	Default Auto shutdown during standby mode
	LCD Auto Off	Off 1 minute 3 minutes	Default
	WDR	On Off	Default
	Frequency	50Hz 60Hz	Default
	Format	Formatting will erase all data in Micro SD card	
	Format Prompt	15 days 30 days 60 days Off	Default
	Default	Restoring default will lose current setting	
	Version Info	Software version information	
Feature Setting	Driver Fatigue Alarm	1 Hour 2 Hour 4 Hours Off	Default
	Remind Lights	On Off	Default Reminder to turn on headlight
	Motion Detect	On Off	Default
	Parking Monitoring	On Off	Default
	G-sensor sensitivity	Low Medium High Off	Default

8. Data Backup

- I. Connect device with PC with USB cable, device will switch to Mass Storage mode. All normal, emergency video and snapshot images can be viewed and extracted from the device to PC

9. Product Specifications

Features	Description
LCD Size	2.7 inch TFT LCD display
Megapixel	Front 4M, Rear 2M
Viewing Angle	Front 170°, Rear 120°
Video Resolution	Front : 30fps 2560x1440, Rear : 30fps 1920x1080
Video Format	MOV/H.264
Image Format	JPG
Memory Card	Micro SD
Memory Card Capacity	Max. 128gb, class 10 and above
Frequency	50Hz/60Hz
Power Port	USB 2.0 5V
Battery Capacity	400mAh / 3.7V Li-ion
Microphone / Speaker	Built-in
Loop Recording	Off / 1min / 3min / 5min
LCD Off	Support
Parking Monitoring	Support
Driver Fatigue Alarm	Support
G-sensor & SOS	Support
Motion Detect	Support
Driver ID Setting	Support
Language	English, 简体中文, 繁体中文

10. Micro SD Card Capacity & Compatibility

Class 10 Micro SD Card Capacity	Resolution Setting	Camera	Hour	Minute
128GB	1080P 30fps	1-Channel	30	50
		2-Channel	15	25
64GB	1080P 30fps	1-Channel	17	14
		2-Channel	8	37
32GB	1080P 30fps	1-Channel	10	50
		2-Channel	5	25
16GB	1080P 30fps	1-Channel	2	56
		2-Channel	1	26
8GB	1080P 30fps	1-Channel	1	26
		2-Channel		43

11. Accessories



Front Digital Video Recorder



Rear Digital Video Recorder



USB Cable



Bracket



Rear Cam Connecting Cable



Car Charger



Manual

Designed and engineered by Blaupunkt