BLAUPUNKT

BLAUPUNKT Brand established 1924 GERMANY

2-IN-1 VEHICLE TRACKING SYSTEM with DVR

GT320D

Enjoy it.

Operating and Installation Instructions

CAUTIONS

Safety Notes

This device has been manufactured according to established safety guidelines. However, dangers may still occur if the safety notes in this manual is not observed. This manual is intended to familiarize the user with the device's important functions. Read this carefully, prior to using the device. Keep this manual in an easily accessible location. In addition, do observe the instructions of the devices used in conjunction with this device.

Attentions

- This device is intended for installation and operation in a vehicle with 12V and 24V vehicle system voltage.
- 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.
- Ensure bracket is installed correctly & firmly on windscreen to avoid damage to device and for better recording angle.
- 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.
- Keep the device away from children.
- Keep the device away from flammable areas or liquids.
- The device should be stored in dry and low humidity place.
- 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.
- Weak signal or signal interference of device can arise from obstacle locations such as underground parking.
- For abnormalities, please refer to the "Trouble-shooting" section. Consult with Blaupunkt dealer for further assistance, in case if the problem cannot be resolved.

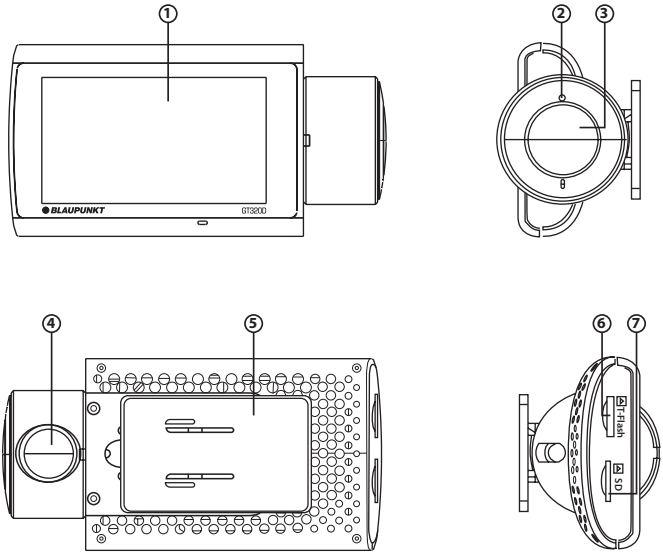
This manual may be updated from time to time without any notice. Visit www.blaupunkt.com/ase for latest info.

Disclaimer

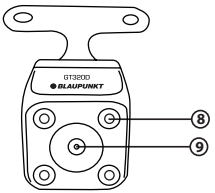
- Blaupunkt is not liable for any loss or damage caused or resulting from unauthorized disassembly or modification to the product.
- In no event shall Blaupunkt be liable for any direct, indirect, punitive, incidental, special consequential damages to property or life and whatsoever arising out of or connected with the use or misuse of our products.
- USA & CANADA: This product is not intended for sale in the United States and Canada. If purchased in the U.S. or Canada, this product is purchased on as-is basis. No warranty, whether expressed or implied is provided in the U.S. or 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.
- Blaupunkt does not warrant the performance of the local telecommunication network used with our product. It is recommended to test for network compatibility prior to purchase.

STRUCTURE & FUNCTIONS

Front Camera



Rear Camera



Functions

1. LCD Touch Screen
2. Reset Button
3. Power Button (On/Off)
4. Front DVR Lens
5. DVR Bracket
6. T-Flash Card Slot
7. MicroSD card Slot
8. LED Light
9. Rear DVR Lens

SPECIFICATIONS

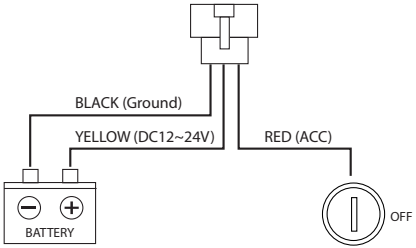
- Real-time location and speed tracking
- Historical tracking via wireless control app (Available on iOS and Google)
- Real-time alarms notification: Acc On/Off, Geofence Entry/Exit, Power Disconnection, Overspeed
- Real-time vehicle status report : Mileage, speed & overspeeding, parking
- Operating Voltage : DC 9V-36V (Suitable for 12V & 24V vehicle)
- Current : 10mA
- Resolution : Front 2MP FHD 1920 x 1080 (30 fps); Rear 2MP HD 1280 x 720 (30fps)
- Wide viewing angle : Front - 151°; Rear - 110°
- 3" touch screen LCD display
- Automatic park recording with smart motion/ time-lapse (24-hour park monitoring)
- SOS for manual emergency alert broadcast, G-sensor, loop recording, low car battery voltage cut-off
- Built-in microphone & speaker
- Language : English, Simplified Chinese, Thai, Vietnamese
- Support up to 32GB Micro SD, class 10 & above

FUNCTIONS LIST OF THE DEVICE

Vehicle Tracking System		
Functions	**Details**	**Descriptions**
Vehicle Status Detection	Acc On/ Off	Uploaded data include the Acc On/ Off status each time in dynamic view.
Alarm Notification	External Power Disconnection	When the vehicle voltage is reached 11.8V, vehicle battery consumption is stopped, the tracking function will be disconnected.
	Low External Battery	Vehicle battery voltage is between 5V to 10V. It is an indicate that the vehicle battery is low.
	External Power Supply	Power is supplied to the device.
	External Power Disconnection	Power supply has been disconnected from the device.
	Enter Fence	The vehicle enters the defined area set by user.
	Leave Fence	The vehicle leaves the defined area set by user.
	Speeding Start	Vehicle speed exceeds value set. Default is 120km/hr for 10 seconds.
Other Features	Vibration Alarm	Vehicle vibration is experienced. The sensivity of collision detection can be adjusted (Low/Normal/High).
	SOS Start	The SOS button is enabled by the user for emergency.

DVR		
Setting	WiFi	ON/OFF
	Date / Time	MM/DD/YY, According to the network or GPS
	Language	English, Simplified Chinese, Thai, Vietnamese
	Screensavers	Off/1-min/3-min/5-min
	Frequency	50Hz/60Hz
	Format	All data will be deleted. Backup data to prevent unwanted files from being deleted
	Default setting	Restore setting to default setting
	Version	PRL_DT45-V1.2.14
Video	Resolution	1080P 1920x1080 30FPS
		720P 1280x720 30FPS
	Loop Recording	Off/30s/1-min/3-min
	Record Audio	ON/OFF
	Date Stamp	ON
	G-sensor	Off/ Low/ Medium/ High
Image	Quick Review	Off/2-sec/5-sec
	Date Stamp	ON

WIRING DIAGRAM



TROUBLESHOOTING

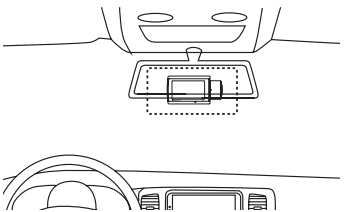
If any of the following problem occur, please resort to Troubleshooting for the possible solutions. Consult Blaupunkt authorized dealer if problem persist.

Problems	Possible Causes	Solutions
Weak or no GPS signal	GPS tracking device is not positioned properly.	Check the installation location of the device.
		Ensure it is not being shielded by metal.
The device is not responding to SMS commands	SIM card has run out of credit.	Top up the SIM card.
	Improper installation of SIM card.	Check whether the SIM card has been slotted correctly.
		Check that the SMS command is correct.
The device is not functioning	The connecting cable is loose or not connected properly.	Check if the connecting cable is connected to the vehicle and the device properly.
	The vehicle's battery is low.	Check the vehicle's battery level.
Unable to record video	The memory card is full.	Check the remaining space on memory card, delete or format the files if necessary.
Memory card cannot be regconized	Memory card is not inserted properly or it is damaged.	Ensure that the memory card has been inserted in the correct direction.
		Replace it with a new memory card if it is damaged.
The videos are blurry and unclear	The protective film on the lens is not removed.	Ensure that the protective film on the camera lens has been removed.
	The camera lens or windshield is covered with fingerprints or stains.	Do not touch the lens with fingers and ensure the windshield is clean.
	Improper installation location of the camera.	Check the installation location of the camera and adjust the camera's viewing angle.

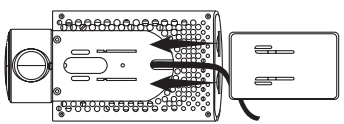
INSTALLATION INSTRUCTION

Front Camera

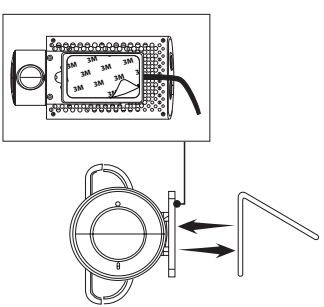
1. Select an ideal installation location that without obstructing the driver's vision. Ensure that the front camera lens is located in the center of the windscreen.



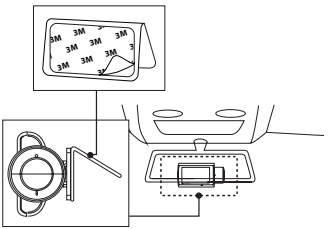
2. Slide the mount to the mount rail on the device.



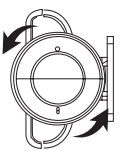
3. Remove 3M tape from the mount and bracket before joining them together.



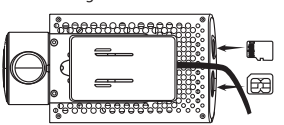
4. Clean the preferred location on the windscreen before installing the device.



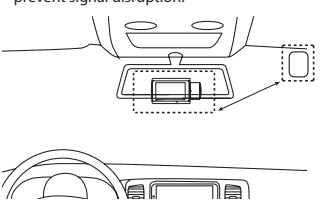
5. Adjust the viewing angle against the preview screen to ensure that the camera is facing the front.



6. Insert the microSD card into microSD card Slot & insert the T-Flash card to T-Flash Card Slot. Ensure the cards are in the correct direction before inserting them into the device.

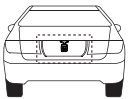


7. It is recommended to place the GPS antenna on the top right of the windshield in order to keep a distance between the devices to prevent signal disruption.



Rear Camera

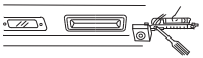
1. Select an ideal installation location.



a) Tail Light

- Remove one side of the reverse light socket from its housing then remove the bulb from its socket.

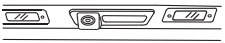
- Connect the reverse light power cable to the camera, screwn the housing & camera back into position with a screwdriver.



b) Hatch Handle

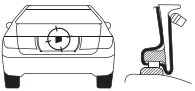
- Use a screwdriver to remove the original hatch handle

- Mount the camera where the original hatch handle used to be



c) Car Plate

- Remove the rotating mount before installation. Drill an access hole for the camera cables



- Mount the camera onto the acces hole & secure it in position with 3M tape/ screws

Wireless Control Application

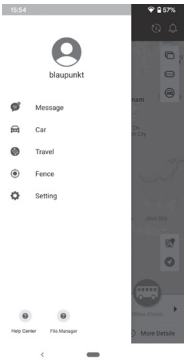
Search "Blaupunkt Tracker" on Google Play Store or iOS App Store to download the App.

Home Page

1.0 Click on the menu button

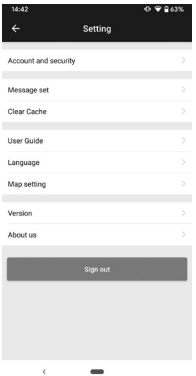
2.0 Click to enter tracking interface.

1.0 Menu



OPERATION INSTRUCTION

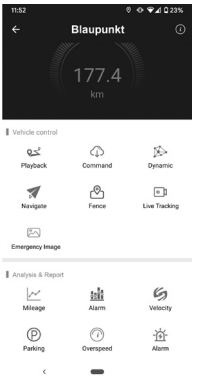
1.1 Setting



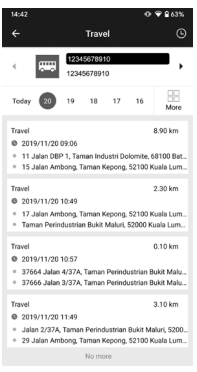
2.0 Tracking

- Click to enter tracking details interface.

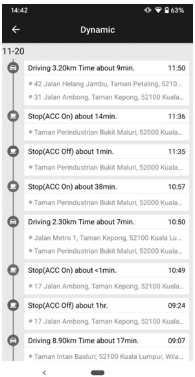
2.1 Tracking Details



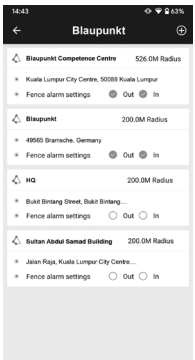
2.1.1 Playback



2.1.2 Dynamic

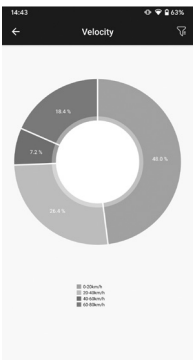


2.1.3 Fence



2.1.4 Mileage Analysis & Report

2.1.5 Velocity Analysis & Report



Designed and engineered by Blaupunkt Competence Centre

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