

[www.FLEETBOARD.com](http://www.FLEETBOARD.com)



# FleetBoard Truck Data Center 6 (FB Card)

Supplement

Mercedes-Benz




## Symbols


### **WARNING**

Warning notes make you aware of dangers which could pose a threat to your health or life, or to the health and life of others.

### **Environmental note**

Environmental notes provide you with information on environmentally aware actions or disposal.

 Notes on material damage alert you to dangers that could lead to damage to your vehicle.

 Useful instructions or further information that could be helpful to you.

▶ This symbol designates an instruction you must follow.

▶ Several consecutive symbols indicate an instruction with several steps.

(▷ page) This symbol tells you where you can find further information on a topic.

▷ ▷ This symbol indicates a warning or an instruction that is continued on the next page.

**Display** This text indicates a message on the display.

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## Operating safety

### Important safety notes

#### **WARNING**

If you operate information and communication equipment integrated in the vehicle when driving, you could be distracted from the traffic situation. This could also cause you to lose control of the vehicle. There is a risk of an accident.

Only operate this equipment when the traffic situation permits. If you cannot be sure of this, stop the vehicle paying attention to road and traffic conditions and operate the equipment with the vehicle stationary.

Observe the legal requirements for the country you are in.

Bear in mind that, at a speed of only 50 km/h your vehicle is covering a distance of nearly 14 m per second.

When using the device please follow:

- the safety notes in these operating instructions
- traffic laws and regulations
- laws pertaining to motor vehicles and safety standards

#### **WARNING**

Modifications to electronic components, their software as well as wiring could affect their function and/or the operation of other networked components. This could in particular also be the case for systems relevant to safety. They might not function properly anymore and/or jeopardise the operational safety of the vehicle. There is an increased risk of an accident and injury.

Do not attempt to modify the wiring as well as electronic components or their software.

Always have work on electrical and electronic components carried out at a qualified specialist workshop.

## Equipment

This Supplement describes the FleetBoard vehicle computer with all standard and optional equipment available at the time of going to print. Country-specific deviations are possible. Bear in mind that the FleetBoard computer may not be equipped with all of the functions described. This also applies to safety-relevant systems and functions. The equipment level of your FleetBoard vehicle computer may therefore differ to what is shown in some of the descriptions and illustrations. Contact a Mercedes-Benz Service Centre if you have any questions about equipment or operation.

## Declaration of conformity

### Simplified EU declaration of conformity

Hereby, Daimler AG declares that the radio equipment type CTPDIN is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: <https://www.fleetboard.info/license>

## Electromagnetic compatibility

The electromagnetic compatibility of the vehicle components has been checked and certified according to the currently valid version of Directive ECE-R 10.

### Safety notes on electromagnetic fields

The FleetBoard vehicle computer receives and transmits radio waves when in operation. The FleetBoard vehicle computer was constructed and manufactured so that it does not exceed the limiting values recommended by the International Commission on Non-Ionizing Radiation Protection (ICNIRP) for exposure to radio waves.

### Notes on radio malfunctions and interferences

Radio malfunctions can be caused by any device which emits electromagnetic signals. Due to the wide range of devices which transmit and receive radio waves, overlapping radio waves can also cause malfunctions. If you are a user or carrier of a medical device (cardiac pacemaker, hearing aid, implant with electronic controls

etc.), you should ask your doctor or the manufacturer of the medical device if your device will function properly while using the FleetBoard vehicle computer at the same time. The manu-

facturers of cardiac pacemakers recommend maintaining a minimum distance of 15 cm to avoid cardiac pacemakers experiencing any malfunctions.

### Transmitter frequencies

Mobile communications

3G UMTS/HSDPA/HSUPA	2G GSM/GPRS/EDGE
5-band support: <ul style="list-style-type: none"> <li>• Band I 2100 MHz</li> <li>• Band II 1900 MHz</li> <li>• Band V 850 MHz</li> <li>• Band VI 800 MHz</li> <li>• Band VII 900 MHz</li> </ul>	4-band support: <ul style="list-style-type: none"> <li>• GSM 850 MHz</li> <li>• E-GSM 900 MHz</li> <li>• DCS 1800 MHz</li> <li>• PCS 1900 MHz</li> </ul>
WCDMA/HSDPA/HSUPA Power Class: <ul style="list-style-type: none"> <li>• Power Class 3 (24 dBm) for WCDMA/HSDPA/HSUPA mode</li> </ul>	GSM/GPRS Power Class: <ul style="list-style-type: none"> <li>• Power Class 4 (33 dBm) for GSM/E-GSM bands</li> <li>• Power Class 1 (30 dBm) for DCS/PCS bands</li> </ul>
	EDGE Power Class: <ul style="list-style-type: none"> <li>• Power Class E2 (27 dBm) for GSM/E-GSM bands</li> <li>• Power Class E2 (26 dBm) for DCS/PCS bands</li> </ul>

Wi-Fi

Operation mode	Further details	Max. power level
IEEE 802.11b	-	17 dBm
IEEE 802.11g	-	14 dBm
IEEE 802.11n	Channel spacing 20 MHz for 2.4GHz band	14 dBm

BT-LE      Max. Power level: 0,7 dBm

### Operation restriction

Due to restrictions on operation in the Wi-Fi/BT range of 2.4 GHz, operation in the following countries is restricted:

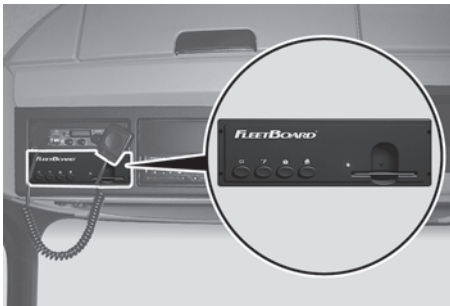
- Iran
- Pakistan
- Macao
- Maldives





### Qualified specialist workshop

Therefore, have all work on and modifications to electronic components carried out at a qualified workshop. It has the necessary specialist knowledge and tools for the work required. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

A Mercedes-Benz Service Centre is a qualified specialist workshop.

## FleetBoard overview



- ① FleetBoard vehicle computer
- ② Card slot (FleetBoard DriverCard)
- ③ LED indicator lamp
- ④  Home-Call button
- ⑤  Event-Call button
- ⑥  Service-Call button
- ⑦  Inoperative

The FleetBoard Truck Data Center 6 (FB card) is the vehicle computer for FleetBoard. It is fitted in the vehicle and is visible in the cab.

The corresponding basic wiring is required to operate the FleetBoard Truck Data Center 6 (FB card). A valid framework agreement with a respective service booking is required for use of the FleetBoard services. The FleetBoard Truck Data Center 6 (FB card) is a prerequisite for using connectivity services for FleetBoard.

## FleetBoard services

With the FleetBoard Truck Data Center 6 (FB card), it is possible to transfer all data generated by vehicles and drivers. A valid framework agreement with a respective service booking is required for use of the FleetBoard services.

Overview of FleetBoard services:

- **Operational analysis and reports** assists in reducing fuel consumption and wear and tear.

Values such as speed, braking characteristics and average total fuel consumption point out potential improvements for a more economical driving style. This information can be summarised in the form of monthly reports, including an evaluation.

- **Mapping and journey recording** presents vehicle data on a digital street map which can be retraced exactly.
- **Driver card and mass storage device download** allows the driver card and mass storage device to be downloaded automatically from the vehicle (a digital tachograph is required to carry out the driver card and mass storage device download).
- **Time recording** provides an overview of the current driving and rest periods of drivers.
- **Messaging** facilitates communication between the driver and logistics via DispoPilot.guide (DispoPilot.guide is not included in the scope of delivery).
- **Trailer services** links data on the truck and trailer to one another.

## Inserting/removing the FleetBoard DriverCard



FleetBoard DriverCard

The FleetBoard DriverCard is used to identify the driver for driver-related evaluation.



Avoid touching the contact surface points of memory chip ① with your fingers. Otherwise, errors could occur when reading memory chip ①.

- ▶ Switch the ignition lock to the drive position.

Before beginning the journey/trip:

- ▶ **To insert:** insert FleetBoard DriverCard ② into the card slot of the FleetBoard vehicle computer until it engages. The lettering and memory chip ① on the FleetBoard DriverCard ② must be face up. If the FleetBoard DriverCard ② is inserted incorrectly, a warning tone sounds.

After the end of the journey/trip:



- ▶ **To remove:** remove FleetBoard Driver-Card ② from the card slot.


### Sending a message

With the FleetBoard vehicle computer, you can send three different messages to headquarters that have been predefined by headquarters.

- ▶ Switch the ignition lock to the drive position.

**i** When the green LED on the FleetBoard vehicle computer lights up permanently, the FleetBoard vehicle computer is operational.

- ▶ **To send a Home or Event-Call message:** press the  or  button on the FleetBoard vehicle computer. The FleetBoard vehicle computer generates the data which is to be sent; this may take a few seconds.

- ▶ **To send a Service-Call message/to activate roadside assistance:** press the  button on the FleetBoard vehicle computer for approximately 2 seconds.

The LED indicator lamp flashes orange. The FleetBoard vehicle computer generates the data which is to be sent; this may take some time. Leave the ignition switched on while the data is being sent. The green LED indicator lamp briefly flashes when the message has been successfully sent. The roadside assistance data is now available to Mercedes-Benz Service.

- ▶ Turn the ignition to position **0**.
- ▶ Contact Mercedes-Benz Service (Customer Assistance Centre or national organisation).

If the red LED indicator lamp briefly lights up, the message has not been sent:

- ▶ Change the vehicle location.
- ▶ Send the message again.

**i** You will find further information on roadside assistance in the "Breakdown assistance" section .

### LED indicator lamp display

The status of the FleetBoard vehicle computer can be read out on the LED indicator lamp beside the card slot.

- i** If the FleetBoard vehicle computer is not activated, the LED indicator lamp is not lit up.



LED indicator lamp	Meaning
Flashes green	The FleetBoard vehicle computer starts up. The process can last several minutes.
Flashes green, until the FleetBoard vehicle computer is operational and subsequently lights up green continuously	The FleetBoard vehicle computer is ready for operation.
Lights up continuously in red	The FleetBoard vehicle computer has detected a fault and is no longer functioning. <ul style="list-style-type: none"> <li>▶ Turn the ignition off and then on again.</li> <li>▶ If the problem persists: call FleetBoard support .</li> </ul>

### Free and open source software

Information on licences for the free and open source software used in your device can be found on this website:

<http://www.fleetboard.com/license>

### FleetBoard Support

If you have any questions regarding your FleetBoard vehicle computer or DispoPilot.guide, please consult FleetBoard Support:

Telephone

Germany/ International	+49 711 17 91 999
Austria	+43 1 36 02 77 30 24
Belgium	+32 2 62 00 453
Czech Republic	+420 22 53 76 440
Denmark (in English)	+45 35 15 80 32
Finland (in English)	+358 98 17 10 433
France	+33 1 70 48 90 88
Hungary	+36 1 32 85 340
Italy	+39 02 38 59 13 48
Luxembourg	+352 27 30 21 76

Norway (in English)	+47 23 50 01 19
Poland	+48 22 58 44 282
Romania	+402 165 507 34
Slovakia	+421 2 50 11 20 11
Spain	+34 91 37 53 353
Sweden (in English)	+46 85 19 92 272
Switzerland	+41 22 56 75 124
The Netherlands	+31 20 72 19 232

Address Daimler FleetBoard GmbH,  
HPC: Z400, 70546 Stuttgart, Ger-  
many

Internet <http://www.fleetboard.com>

E-mail [support@fleetboard.com](mailto:support@fleetboard.com)

Safetyinformation:

Safety distance between Persons and Antenna: 30 cm.

Ambient temperature range for use:  
-40°C to + 75°C

## **Legal information**

### **Internet**

Further information about Mercedes-Benz vehicles and about Daimler AG can be found on the following websites:

<http://www.mercedes-benz.com>

<http://www.daimler.com>

### **FleetBoard Support**

If you have any questions regarding your FleetBoard vehicle computer, please consult FleetBoard Support:

Telephone +49 711 17 91 999

Address Daimler FleetBoard GmbH,  
HPC: Z400, 70546 Stuttgart, Germany

Internet [www.fleetboard.com](http://www.fleetboard.com)

E-mail [support@fleetboard.com](mailto:support@fleetboard.com)

### **Editorial office**

You are welcome to forward any queries or suggestions you may have regarding these Operating Instructions to:

Daimler AG, HPC: CAC, Customer Service,  
70546 Stuttgart, Germany

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### **Vehicle manufacturer**

Daimler AG  
Mercedesstraße 137  
70327 Stuttgart  
Germany



0135840481

Order no. 6462 3250 02 Part no. 013 584 04 81 Edition 04-17