



# User Manual

EUP-BCT-2.8.1 V1.0-R12



Cabman BCT is a product by Euphoria Software BV

[www.cabman.eu](http://www.cabman.eu)

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# 1. Introduction



The Cabman BCT is a product by Euphoria Software BV. Paper trip documents have become a pastime with the invention of the BCT. The Cabman BCT has been developed to make trips and other activities as efficient as possible and process them in the company administration. Due to the 4,3 inch touchscreen, the Cabman BCT is easy to use with your fingers.

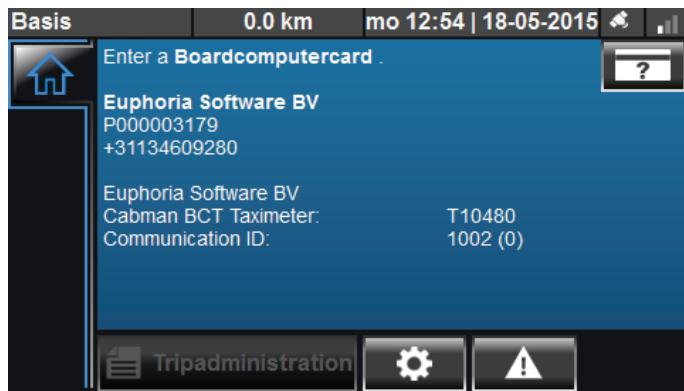
The Cabman BCT can be configured in different ways. This means that the BCT is suitable for different kinds of transport. All configurations are explained in this user manual. The applicable aspects depend on the chosen configuration.

## 1.1 Important!

- Do not use a pen or other sharp objects to use the Cabman BCT.
- Do not use the Cabman BCT while driving and keep your eyes on the road.
- Driver cards are personal, do not provide your driver card to third parties. Keep your linked pin a secret.
- Every driver is only to possess one valid driver card.
- You always have to log on with a driver card. If you do not have your driver card with you, you can use your CSN to log on during a maximum period of 30 days. The Cabman BCT is blocked after expiry of this period.
- When the Cabman BCT indicates an error, you should immediately use paper trip documents again. In this case, you have to bring the Cabman BCT to an official Cabman workshop for repairs within three work days. You can find an overview of all malfunctions in chapter 10.1.
- Always check if the Cabman BCT case is undamaged and if no seals are broken.

## 2. General

The BCT automatically starts when you start the vehicle or when you insert your driver card into the BCT. The following screen appears when the BCT has started.



*Start screen Cabman BCT*

This screen shows you the company name, P-number and phone number. The bar at the top of this screen contains the following details:

- Work mode / work level
- Mileage
- Current date and time
- GPS status
- Data communication status

### 2.1 Work level

The work level of the Cabman BCT is always visible in the top left corner of the screen. This work level indicates how the Cabman BCT registers the kilometres and hours you have driven the vehicle. The following page shows an overview of all available work levels.

Work level	Description
Deactivated	The BCT is deactivated Please let a Cabman workshop activate your BCT
Basis	No user logged on Mileage is registered as private mileage
Worktime- Activities	Driver logged on Hours are registered as other activities
Worktime - Driving time	Driver logged on Hours are registered as driving time
Worktime - Pause	Driver logged on Hours are registered as pause
Taxi transport	Driver logged on Hours are registered as taxi transport
Check	Inspector is logged on A possible active driver shift is saved
Inspection	Workshop is logged on Not possible in combination with a driver shift
Company	Entrepreneur is logged on Not possible in combination with a driver shift

## 2.2 GPS

The BCT uses GPS. GPS can be used to determine your vehicle's position. The quality of the GPS signal is indicated by the following symbol in the top right of the screen: 

The GPS functions when a minimum of 1 line is lighted.

## 2.3 Data communication

The Cabman BCT uses data communication if this option is enabled. The centre uses data communication to send data (e.g. trips, text messages, etc.) to the BCT. You can check the activity between the centre and your vehicle by checking the following symbol in the top right of the screen: 

The connection is active when a minimum of 1 line is lighted.

# 3. Logging on

## 3.1 Logging on with the driver card

Insert your driver card on the right of the BCT to log on to the Cabman BCT. The image below shows how you insert your driver card.



Card entry Cabman BCT

After inserting the driver card, a new window appears in which you have to enter your PIN. Enter your PIN in this window and press the button: 



*Keep your linked pin a secret. Every driver is only to possess one valid driver card.*

## 3.2 Logging on without the driver card

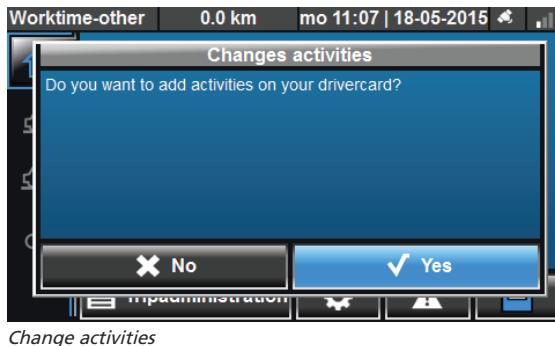
You can use your CSN to log on if you do not have a driver card or cannot use your driver card to log on. Press the  button to enter your CSN.



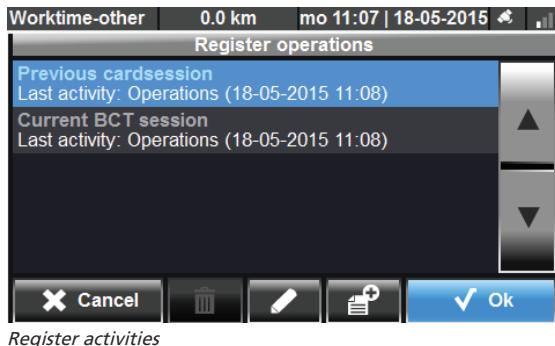
*You always have to log on with a driver card. If you do not have your driver card with you, you can use your CSN to log on during a maximum period of 30 days. The Cabman BCT is blocked after expiry of this period.*

### 3.3 Registering activities

Before starting your shift, you have to register all activities in the BCT that form no part of your shift. This concerns all activities and breaks that have taken place between the last and the current driver shift.



The screen above appears when you have logged onto the BCT. You are asked if you want to change activities for your driver card. A new driver shift starts when you press "No". The following screen appears when you press "Yes".



You can use this screen to make changes of your last BCT card session, your current BCT card session or you can add a new card session. Please find the meaning of the different symbols at the bottom of this screen.



Change card session



Create new card session



Remove card session

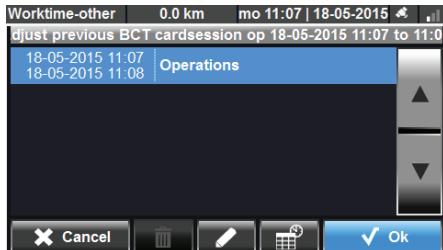
## Example:

If you want to add another break and activities after your last card session, you select 'last BCT card session' and press the 'Edit' button.

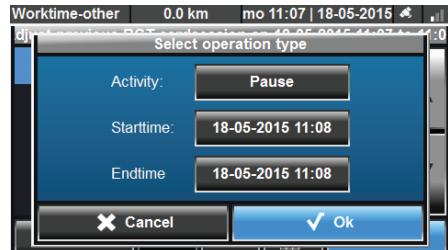
The 'Edit last BCT card session' screen below appears.

Then press the button: 

The 'Select activity type' screen appears.



Adjust last BCT card session

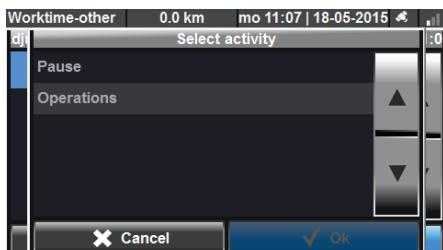


Select activity type

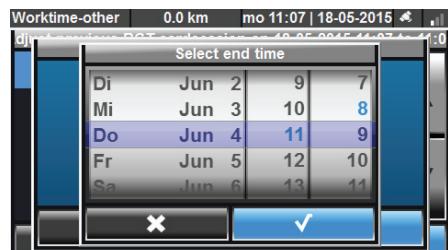
You can indicate the activity type with the button behind 'Activity'. The 'Select activity' screen below appears. You can choose 'Operations' and 'Pause' here. In this case, you select 'Pause'. Press 'OK' to confirm your choice.

You can also edit the start and end time of the selected activity. The start time is the same as last activity's end time by default. You can edit the end time by pressing the button behind 'End time'. The 'Select end time' screen below appears.

Please select an end time and press 

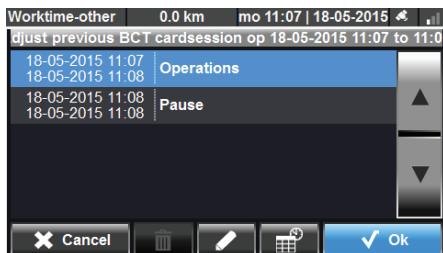


Select activity

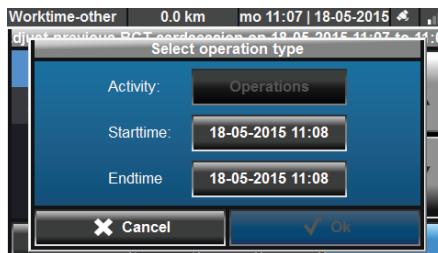


Select end time

When you press 'OK', you can see that a pause has been added. When you want to add operations, you press the following button again:  The 'Select activity type' screen appears again. You can now only add 'Operations'. You cannot add another pause because you just added one. You can also adjust the times in this screen. Press 'OK' when all is correct.

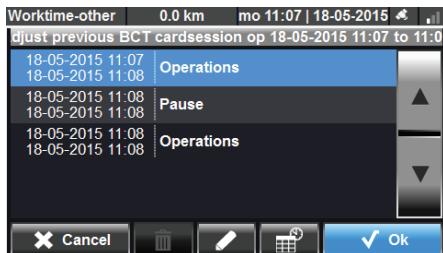


Adjust last BCT card session -  
Pause added

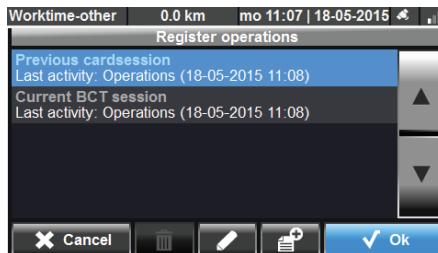


Select activity type

The following screen now appears. Press 'OK' to confirm the adjustment in this card session. You have now reached the 'Register operations' screen again. Press 'OK' when you have finished the adjustments and all adjustments will be saved on your driver card.

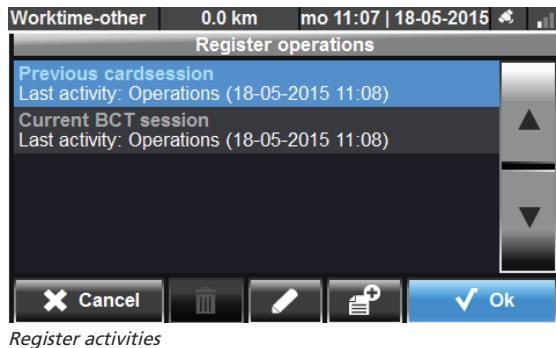


Adjust last BCT card session -  
Pause and activities added

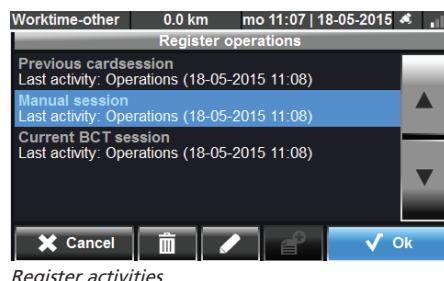
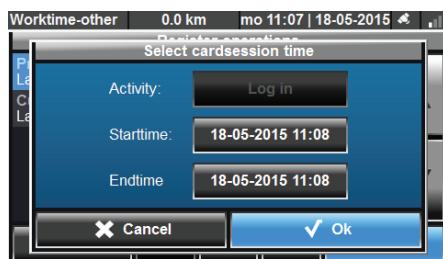


Register activities

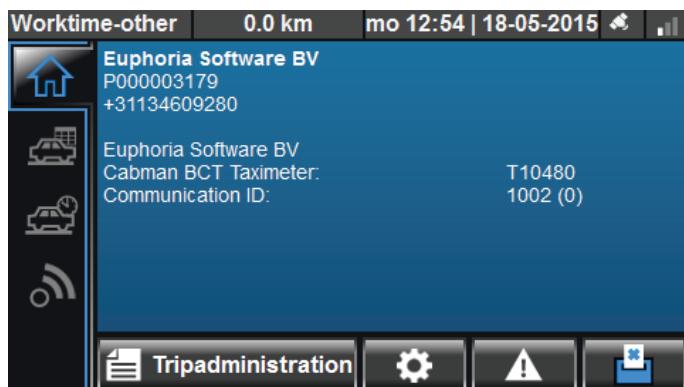
You can also add a new card session when you want to add activities that do not fit your last or current card session.



You can use the  button on the 'Register operations' screen to create a new card session. The 'Select card session time' screen below will be displayed. Here you can enter the start and end time of your new card session. Press 'OK' when you have done this. You will then see that a manual session has been added to the list. You can add activities by selecting the session and pressing the  button.



## 4. Start screen



*Start screen*

### 4.1 Main menu

After logging onto the Cabman BCT, you can see the main menu on the left. The available main menu items are visible depending on the configuration. Please find a list with all menu items below:



**Home** - This is the Cabman BCT's start screen.

**Trip window** - All trips / activities that have to be executed.

**Taximeter** - To start / stop taximeter trips.

**Communication** - All communication between driver and centre is available on this screen.

### 4.2 Trip administration

The 'Trip administration' button shows you an overview of the current shift. This overview shows information like shift times, loaded and unloaded distances and number of performed activities.

Worktime-other 0.0 km mo 12:56 | 18-05-2015

Tripadministration # 12-YY-67 1002(0)

Vehicle: 12-YY-67  
Driver: 9982304  
Start shift: 12:56

**Total shifts at BCT:**

Drivetime: ---  
Other: 00:00  
Pause: ---  
Shift: 00:00

◀ Back Card details Trip overview ▶

Shift administration

Worktime-other 0.0 km mo 12:56 | 18-05-2015

Trip overview # 12-YY-67 1002(0)

Customer 1 0.0 km  
12:55 12:55  
Tanken 0.0 km  
12:55 12:55

◀ Back ▶

Trip administration

You can use the 'Trip overview' button to get an overview of all performed trips / activities. After selecting the trip, you can press the button to view details of a certain trip / activity.

Worktime-other 0.0 km mo 12:56 | 18-05-2015

Trip details # 12-YY-67 1002(0)

Taximeter: Taximeter  
Trip nr.: 0  
Customer: Customer 1  
Number of passengers: 0  
Driven distance: 0.0 km  
Payment type: Barzahlung  
Fare: € 0.10

Start Location: |◀ Back

Trip administration - Details

#### 4.3 Settings and information



You can use this button to open the Cabman BCT's settings menu. Here you can adjust the screen clarity, language and keyboard settings.

Worktime-other 0.0 km mo 12:57 | 18-05-2015

Options

Screen clarity: 100 %  
Keyboard: Qwerty  
Language: English

◀ Back Info Change PIN Language

Settings

Worktime-other 0.0 km mo 12:57 | 18-05-2015

Language settings

Keyboard: Qwerty  
Language: English

Cancel Ok

Settings - Language

#### 4.3.1 System information

In some cases, the centre can send a request to retrieve certain information from the Cabman BCT. This information is available by pressing the 'info' button. The screen that pops up now shows extra information about the Cabman BCT. It shows you, among others, information about the system, the activation and the version.



Settings - System information

#### 4.3.2 Change PIN

You can use the 'Change PIN' button to change your PIN. You first have to enter your current PIN. You then enter your new PIN twice.

The screen shows a numeric keypad with digits 1-9, a 'Del' key, and a numeric 0 key. Below the keypad are buttons for backspace, a red 'x', and a green checkmark. To the right of the keypad is a text area with the placeholder 'Enter your current PIN to change the code' and 'Insert PIN code'.

Enter current PIN

The screen shows a numeric keypad with digits 1-9, a 'Del' key, and a numeric 0 key. Below the keypad are buttons for backspace, a red 'x', and a green checkmark. To the right of the keypad is a text area with the placeholder 'Enter new PIN code'.

Enter new PIN

## 4.4 Reports

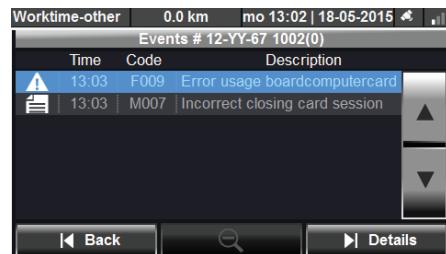


You can use this button to check the current status of the Cabman BCT. Any available reports will be at the top of this window. You can also use this window to perform a 'Selftest'. This is used to check the sound, touchscreen and colours.

The 'Events' window pops up when a malfunction or error occurs. This window displays detailed information about a certain report of malfunction.



Current reports



Events

## 5. Trip window



Trip window

### 5.1 New trip order

When the centre sends a new trip order to the Cabman BCT, you will be able to see this in a new window. You will also hear a sound when a new trip order comes in. Press 'Confirm' to accept this trip. The trip is automatically placed in the trip window. The trip is split in two lines: The details of getting in / out.



New trip order

## 5.2 Trip window symbols

The trip window has several symbols. These symbols are added to the trip to show extra information. Please find an overview of these symbols below:

-  Get in trip
-  Get out trip
-  Memo available
-  Cash

The trip lines also show trip indications. The symbols used for this are explained below:

-  Dog
-  Blind
-  Deaf
-  Electric wheelchair
-  Take along hand in hand
-  Fold-up wheelchair
-  Rollator
-  Wheelchair
-  Scoot mobile
-  Sit in front

Besides the symbols in the trip lines, there is a number of symbols at the bottom of the screen as well. These symbols are active depending on your Cabman BCT's configuration.

Please find a description of these symbols below.



**Add customer;** This function is used when you have to add customers to the trip list by hand.



**Start activity;** A new window appears in which you can select your activity. (Please see chapter 6 for more information)



**Trip information;** This window shows extra trip information.



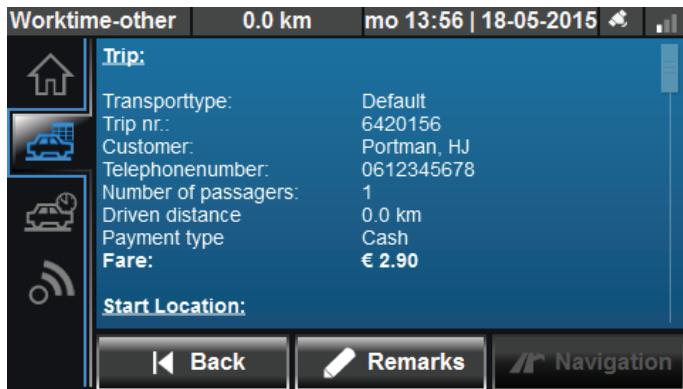
**Report trip as empty;** A new window appears in which you can select a reason.



**Call-back service;** The call-back service is used to inform the customer that the taxi has almost reached its destination.

### 5.3 Trip information

You can use the 'Trip information' button to view more information about the selected trip. You can also use the 'Remarks' button on this screen to add remarks to a trip.

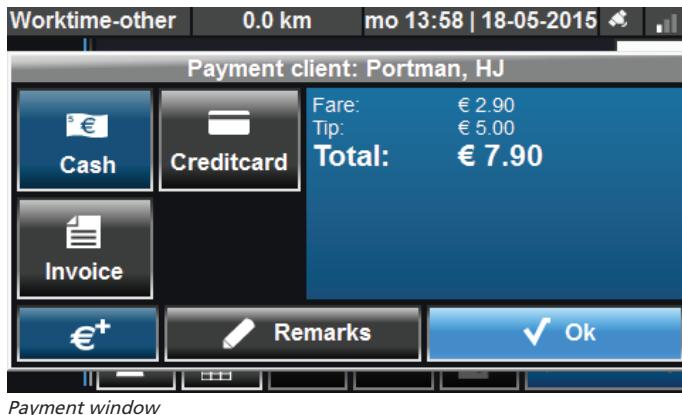


*Trip information*

## 5.4 Start and stop trips

You select the 'get in' line of the trip to start it and you then press the 'Start' button. After starting the trip, the 'get in' line disappears and the 'get out' line is automatically selected.

Press the 'Stop' button to stop this trip. A payment window is displayed depending on the type of transport. This display shows, for one, the name of the customer and the total amount to be paid.



Payment window

## 5.5 Combined trips

The Cabman BCT also enables you to receive combined trips. You can recognize these combined trips by the white brackets in front of these trips. Please find an example of such combined trip below.

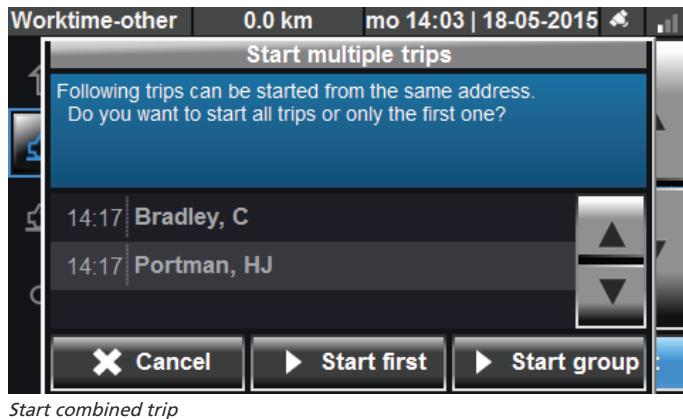


Combined trip

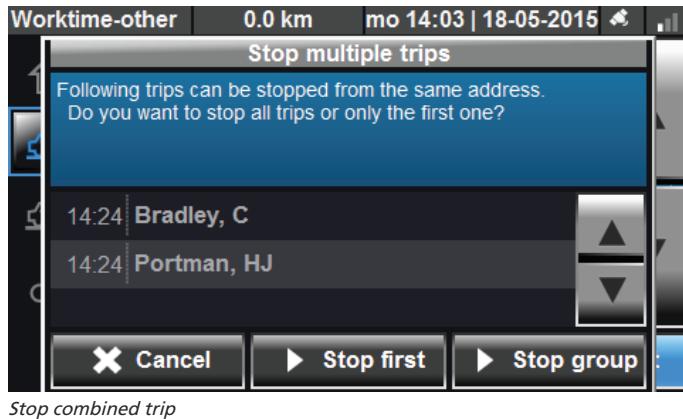
It is possible to start multiple trips in a combination together.

The following window pops up when you start a trip. Press 'Start group' to start all trips with the same address at the same time.

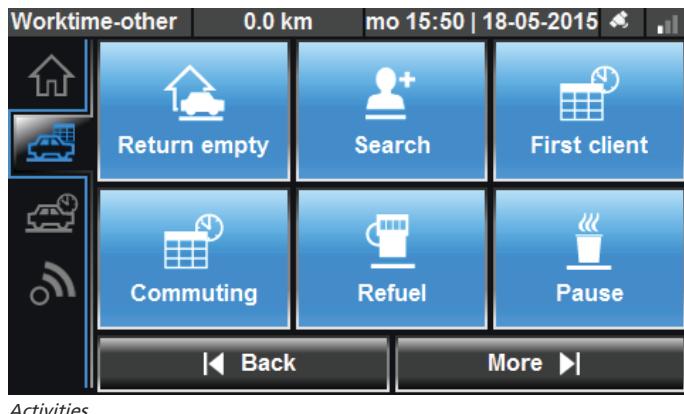
Press 'Start first' to only start the first trip.



It is also possible to start multiple trips with the same dropoff address. The following screen appears when you stop a trip. Press 'Stop group' to stop all trips at the same time. Press 'Stop first' to only stop the first trip.



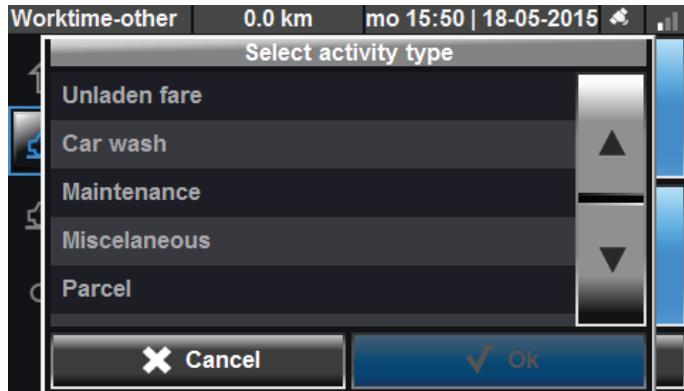
## 6. Activities



Activities

### 6.1 Start new activity

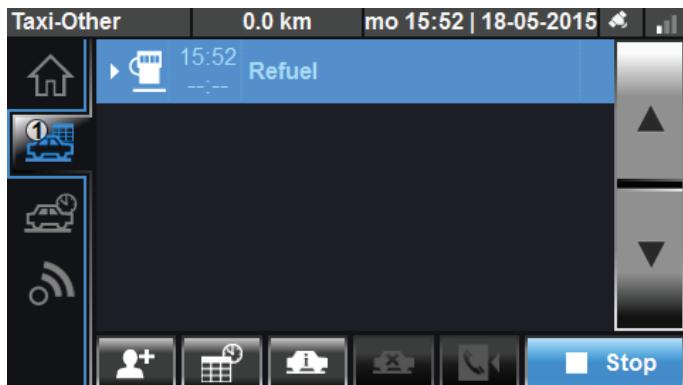
You can use the 'Activities' button  in the trips window to select activities. Press an activity to start it. Use the 'More' button to find a wider selection of activities. The following screen appears. After selecting the activity, it is automatically added to the trip window.



Select activity type

## 6.2 Stop an activity

You can stop an activity by selecting it in the trip window and then pressing the 'Stop' button. The activity is stopped automatically when another activity is started.



*Stop activity*

## 7. Taximeter

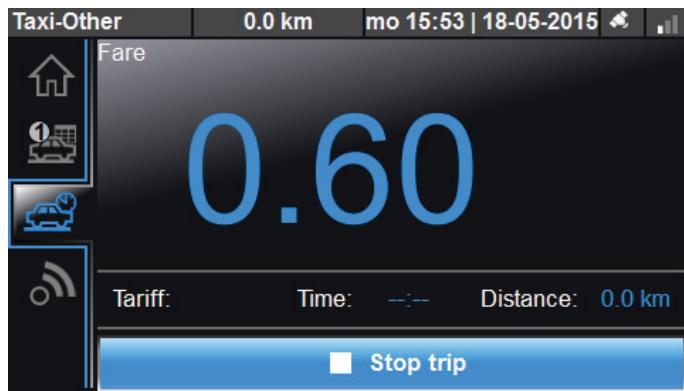


Taximeter

Select a tariff from the list to start a taximeter trip. You then press the 'Start' button, and the taximeter starts counting.

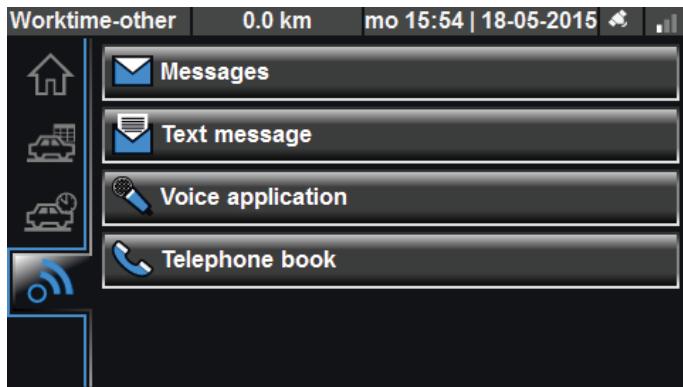
Press the 'Stop' button to stop the taximeter trip. After stopping the trip, the payment window pops up (please see chapter 5.4 for more information about the payment window). Press the 'Release' button when your vehicle is available again.

It is not possible to start any other trips during a taximeter trip.



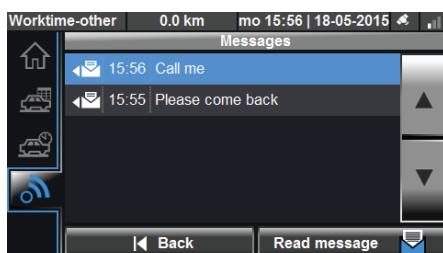
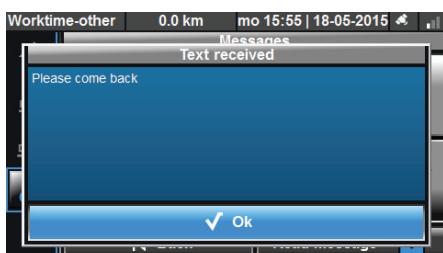
Taximeter - Trip started

## 8. Communication



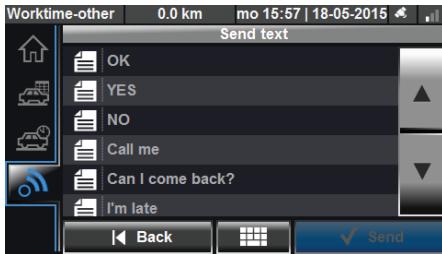
### 8.1 Messages

You can use the 'Messages' button to open the messages window. This window shows all received and sent messages. When you receive a message, a new window pops up with the content of the message. Press 'OK' when you have read the message. Press the 'Read message' button to read a message in the message window.

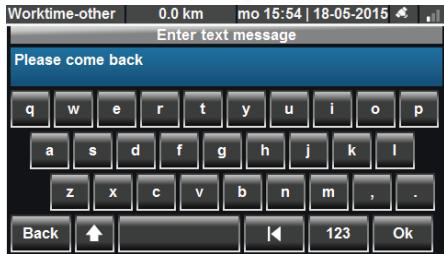


### 8.2 Text message

You can also use the Cabman BCT to send text messages to the centre. A number of default templates is available, such as 'OK' or 'Call me, please'. You can also type your own message by using the button: . Press 'OK' when you are ready to send your message.



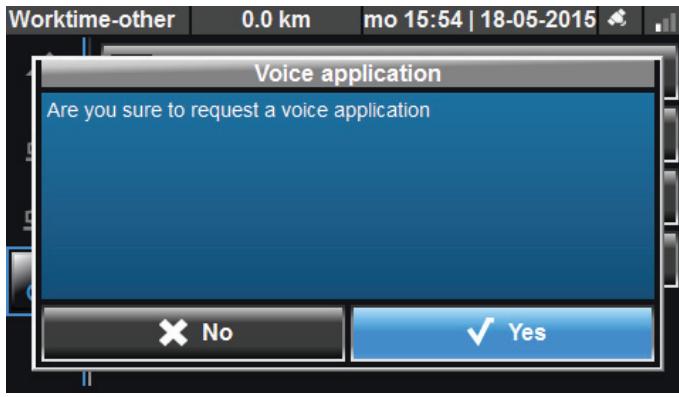
*List with templates*



*Type your text message here*

### 8.3 Voice application

You can use the 'Voice application' button to apply for voice with the centre. The following screen appears. Press the 'Yes' button to confirm the voice application.

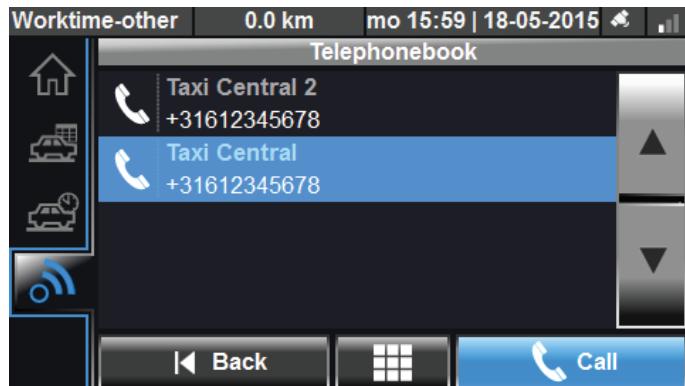


*Voice application*

### 8.4 Phone

It is also possible to use the Cabman BCT as a phone. You can use the 'Phone' button to open the phone book. This phone book contains all available phone numbers.

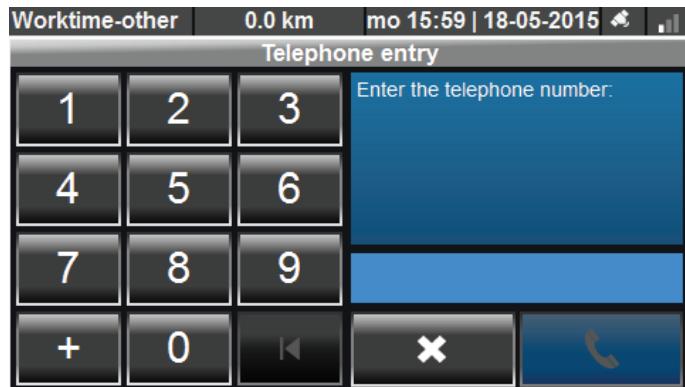
You can call a phone number by selecting a number in the list and pressing 'Call'.



Phone book

Depending on the available configuration, you can also enter a phone number by pressing the button 

The following screen appears. Enter the phone number and press the phone symbol.

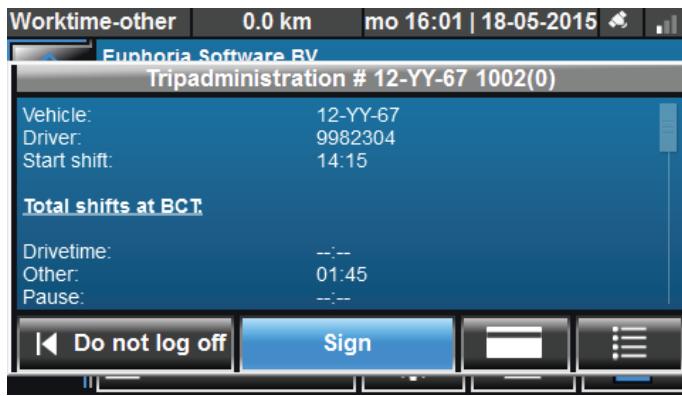


Enter phone number

## 9. Logging off



You can use the button above on the start screen of the Cabman BCT to log off your shift. The following window will pop up.



*Log off shift*

### 9.1 Signing shifts

Here you can check the details of your shift. You can use the  button to check the detailed information per driven trip. Press the 'Sign' button when you agree. You then have to enter your PIN to successfully sign the shift and log off.

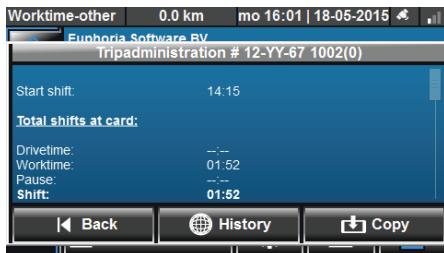


*After signing, you will see a notification that you have logged off successfully. After logging off, always check if the work level in the top left of the window is set to 'Basis'.*

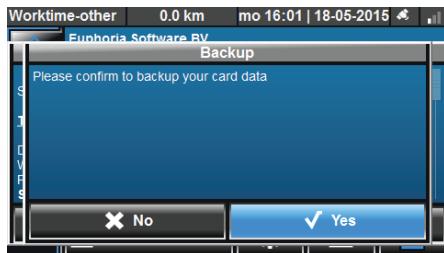
## 9.2 Back-up

As a driver, you are obliged to transfer the data from your driver card to the BCT every 5 weeks. Press the  button for this.

You will now get an overview of the card data. In this overview, you can use the 'Copy' button to back-up the driver card. Press 'Yes' on the following screen. You are then asked to enter your PIN. The card data is copied to the BCT when you have done so.



Card data overview

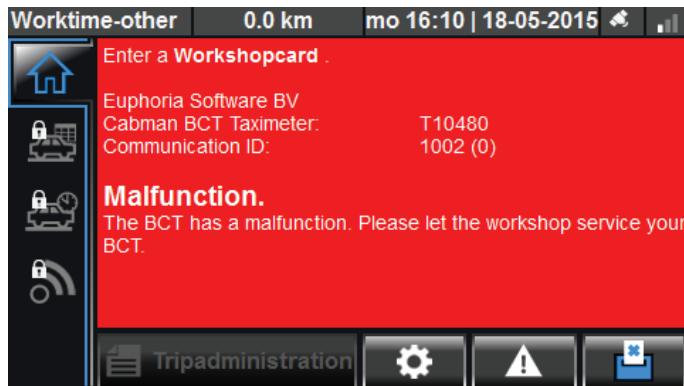


Create back-up

# 10. Notifications overview

## 10.1 Malfunctions

The Cabman BCT makes a distinction between malfunctions and errors. If the Cabman BCT indicates a malfunction, it cannot be used for trip administration any more. The window below appears when a malfunction has occurred.



*Malfunction*



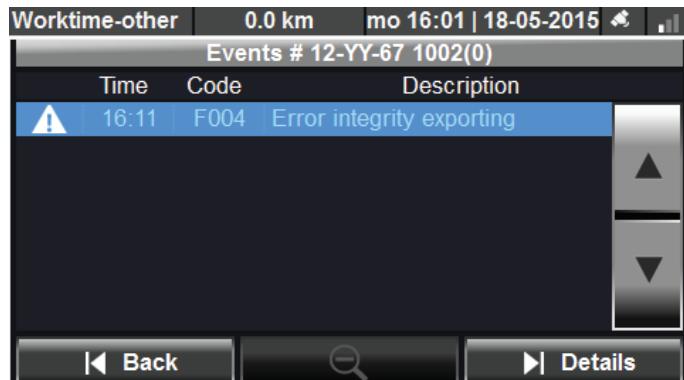
*When the Cabman BCT indicates an error, you should immediately use paper trip documents again.*

## Malfunctions overview

Code	Code description
S001	Malfunction in the registration feature
S002	Malfunction in the security features
S003	Malfunction in the sensors activity
S004	Malfunction in the data transfer to external interface
S005	Malfunction in the system card
S006	Malfunction in the board computer card

## 10.2 Errors

The window below shows an error as possible with the Cabman BCT. In this example, the error is 'F004: Error integrity exporting'.



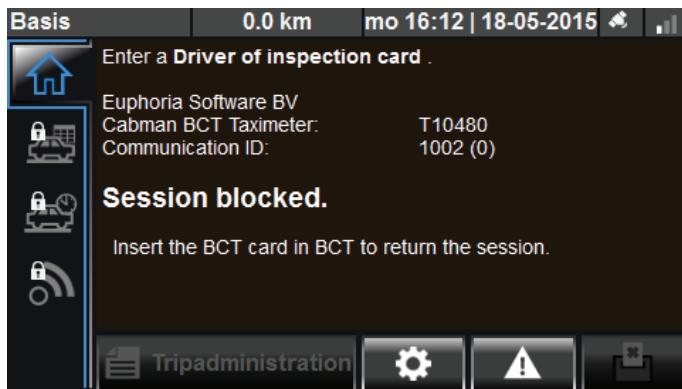
*Error*

Please find an overview of all errors that could occur with the Cabman BCT below. In case of an error, you are only notified with a warning and you can keep using the BCT.

Code	Error
F001	Integrity error in the export code
F002	Integrity error in the system data
F003	Integrity error in the saved user data
F004	Integrity error in the data transfer to the driver card
F005	Error in the registration function
F006	Error that could endanger the security of the board computer
F007	Error in the data transfer to external facilities
F008	Error when using the system card
F009	Error when using the board computer card
F010	Error in the movement sensor
F011	Error in the positioning sensor
F012	Error in the taximeter connection

### 10.3 Blocked session

The Cabman BCT can block a current session. When you remove your driver card from the BCT without logging off, the session is blocked until you insert your driver card into the BCT again.



*Session blocked*

## 11. Technical specifications

<b>Type number</b>	
Cabman BCT Hardware	PN6487-1100-00xx
Cabman BCT Software	V1.x-x
<b>Size and weight</b>	
Size	145 x 79 x 27,5 mm (WxHxD)
Weight (excl. wiring)	210 grams
Display	4,3 inch LCD Display (480x272 px)



**cabman** BCT

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