



# OBU Instruction for Use

Customer service line + 420 248 248 111

This is a shortened version of the OBU Instructions for Use.

The full version is available at [www.tollandmore.com](http://www.tollandmore.com) or by scanning the QR code.



## Description of OBU buttons



Moving around the menu



Turn on/off the sound signal.

Cancelling the action when going through the menu.



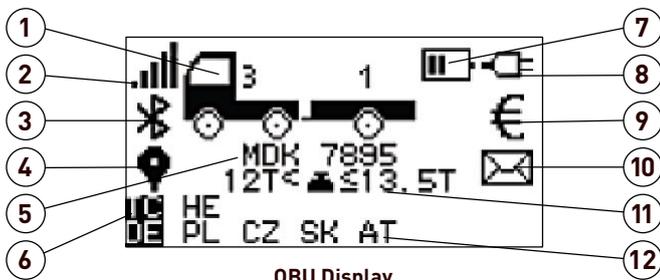
Invoking mobile communication (press for longer than 3 seconds), enter the menu. Confirm the action when going through the menu.



Main indicator.

## Display

The On-Board Unit (OBU) is equipped with a display that shows the user basic information about the current OBU status.

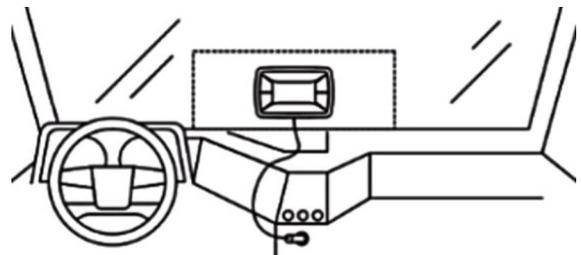


OBU Display

1. Vehicle category and axle status – the currently set number of axles is displayed above the vehicle/trailer image (in this case the current number of axles is 4).
2. GSM signal strength and display of communication manual recall
3. Bluetooth connection (only some types of OBU)
4. Positioning - if not displayed, you cannot continue driving
5. Vehicle registration number
6. Display the country where the toll is currently collected
7. Battery status
8. External power indicator
9. Customer account status, see description in the table below
10. Incoming messages and notifications
11. Vehicle weight category
12. Other countries where the OBU can be used

## Correct OBU positioning

Plug the OBU into the power supply and attach it to the windshield.

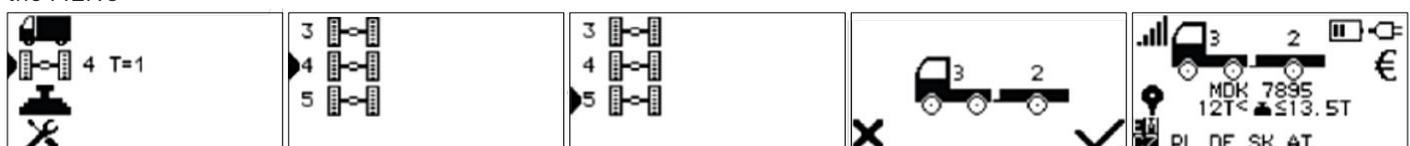


## Recommendations

- If you wish to use the OBU, it must always be plugged in to the vehicle's power supply.
- OBU setting can only be carried out if the vehicle is not in motion.
- The OBU is registered in the system with a basic number of axles (number of axles of the vehicle itself). Before each journey check the correct setting of the current number of axles (number of axles of the vehicle + number of axles of the semi-trailer/trailer).
- Before each journey, also check the other parameters that the relevant toll domain requires.
- Before each journey, check that the status (main LED) indicator is green, then the OBU is ready (OBU statuses and instructions are listed in the tables below or in the complete IFU) to drive.
- The full version of the OBU instructions for use can be downloaded by scanning the QR code on the front page of these simplified instructions for use.
- If you are transporting the OBU, have the transport mode activated - contact the Customer Service Line.
- If you have an OBU connected with a fixed installation kit and you want to use a conventional connection via power cord instead, you need to have your OBU replaced. For your information on how to replace the OBU, please contact the Customer Service Line.

## Setting the number of axles

Changing the number of axles – on the OBU press to enter the MENU



Select the item with the picture of axle (the current number of axles is set to 4; trailer is connected).

The current number of axles is set to 4.

Change the number of axles according to facts from the potential range.

Confirm selection.

On the main display, check the correct setting, in this case the current number of axles is set to 5.

## Symbols on the display

Indicator	Variation	Meaning
Battery		The battery is disconnected or defective.
		Battery is completely discharged.
		Battery is charged to 50%.
		Battery is fully charged.
External communication	 flashes	Manual communication is in progress, triggered by longer pressing the button  (at least 3 seconds).
		The data transfer has been successful.
		The data transfer has failed, start the communication again by longer pressing (more than 3 seconds) the button  at a location with good mobile network coverage.
Positioning		The OBU has positioning data available; you can continue driving.
External power supply		The OBU is connected to the power supply.
		The OBU is not connected to the power supply, accompanied by an acoustic signal as well.
Toll account status	€	Sufficient amount of credit (prepay mode) /guarantee (postpay mode).
	€ flashes	Warning - low credit balance or the amount of toll charged has reached 80% of the financial guarantee.
		Administrative lockout – outstanding rental payment/zero credit balance/reaching 90% of financial guarantee. The vehicle cannot continue driving until the problem is resolved. Contact the customer service line.
		The OBU has been locked; the vehicle cannot continue driving until the problem is resolved. Contact the customer service line.
Incoming message indication		Unread message; flashing message with increased priority.
		Message read.
Transport mode		The OBU accepted the request to switch into transport mode. The symbol is shown in the middle of the display; other indications on the display are off. When the power is disconnected, the OBU enters sleep mode.

## Warning - can be confirmed by pressing any key

Reason	Display	Main status indicator	Recommended user action
Vehicle location is not available		 red 0.5s	The position of the unit cannot be evaluated due to a very weak GNSS signal or the presence of an interfering signal. Make sure the unit is correctly positioned on the windshield and the vehicle is not in a poor reception location (tunnel, garage, etc.), or remove the source of interference.
		 off 0.5s	
Toll transaction via microwave interface has not been carried out		 red 0.5s	Tolls need to be paid in an alternative way available in the given toll domain with microwave toll collection.
		 off 0.5s	

## OBU operating statuses

Status	Reason	Display	Main status indicator	Recommended user action
Active	OBU is active and ready for journey	Vehicle category symbol and the license plate number.	 green	OBU is working properly; driving on toll roads is possible.
Active - pending	OBU is active, but journey is not allowed	Vehicle category symbol and the license plate number.	 yellow	Probably a positioning problem; place the OBU in an open space and wait to see if the colour of the status LED changes to green. If the problem persists, contact the customer service line to determine the next course of action.
Warning	A low balance of prepaid toll, or in the post-pay mode the amount of 80% of the financial guarantee has been reached.	€ flashes	 green	Prepay account - top up your prepaid credit on the OBU Postpay account - you need to increase your financial guarantee, contact your supervisor
			 off	
Journey is not allowed	The OBU is temporarily blocked as a result of technical issues.	€	 green	Make sure the OBU is correctly positioned on the windshield, or contact the customer service line to determine the next course of action.
	The OBU is permanently blocked as a result of technical issues.			Contact the customer service line to determine the next course of action.
	No prepaid credit or in the post-pay mode the amount of 90% of the financial guarantee has been reached.		 red	Contact the customer service line to determine the next course of action
	In the PL toll domain it indicates an outstanding payment for OBU rental.			