

OMSI 2 DOWNLOADPACK

VOL.10 AI-COACHES

MANUAL



EPILEPSY WARNING

When playing over a long period, you should take a 15-minute break after every hour of gameplay. Please do not play when tired. Play in a well-lit room, and sit as far away from the screen as possible.

A very small portion of the population have a condition which may cause them to experience epileptic seizures or momentarily lose consciousness when they are exposed to certain kinds of flashing lights or light patterns that are commonly present in our daily environment. Such people may experience seizures while watching television images or playing certain video games. Players who have not had any previous seizures may nonetheless have an undetected epileptic condition.

If you suffer from epilepsy, please consult your doctor prior to playing computer games. Please speak to your doctor immediately if you encounter any of the following symptoms while playing: vertigo, impaired vision, twitches or any kind of uncontrolled motion, loss of consciousness, disorientation and/or cramps.

CREDITS, LEGAL NOTICE

3D models

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AT_studio Pro Models_3D, DUST

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PRODUCT INFORMATION

The popular OMSI download pack series goes into the next round. The 10th part contains varied AI buses that enrich every OMSI map. In addition to three combi-buses, which can be used for intercity services, but also for shuttle, day and touring trips, there are now also two vehicles available, which we will certainly see more often in the future. In addition, two bus models are included for the first time, which, with their passenger entrance on the left side, are perfectly suited for use on English maps.

All seven AI vehicles come with different repaints. This makes realistic use on familiar OMSI maps possible. And so that the ears don't miss out, each AI vehicle has been given its own sound.

In order to continue to achieve good performance on the OMSI maps, attention has been paid to optimizing the number of polygons.

Please note that the AI vehicles cannot be driven independently!

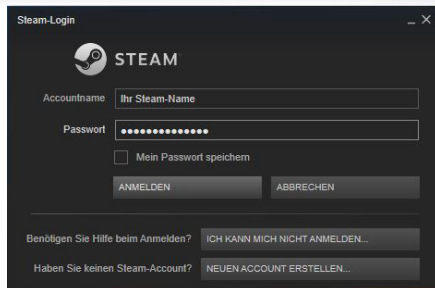
The development team wishes you a lot of fun.

SYSTEM REQUIREMENTS

In order to play the add-on "OMSI2-Downloadpack", you need a PC-compatible computer with the following minimum specifications:

- An installed full version of OMSI 2 – The Bus Simulator (version 2.3 or higher)
- Windows 8.1 or Windows 10 recommended/ 64 bit
- Dual core processor (Core i5 with 2.8 GHz or similar), Quad core with 3.0 GHz recommended
- RAM: 4 GB
- 3D graphics card with at least 1 GB graphics memory
- Sound card
- 2.0 GB of free disk space minimum for installation
- Keyboard and mouse as well as an active steam account and internet connection
- DirectX 9.0c compatible hardware and software
- The 4GB patch for OMSI 2 is recommended.

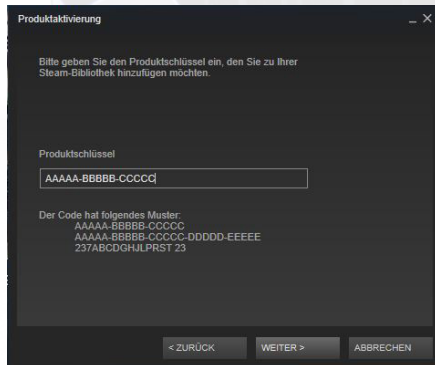
ACTIVATING AND INSTALLING THE STEAM VERSION



Start the Steam software and log in with your account name and password.

Then select the option “+ ADD GAME”.

Enter your personal product key to add the product to your Steam library.



Steam will then add the OMSI add-on files to your OMSI installation.

Note: To be able to install this OMSI add-on via Steam, you need to be logged onto your PC with administrator rig and access to the internet.



IMPLEMENTING AI VEHICLES ON AN OMSI MAP

To deploy AI vehicles on a map, the ailst.cfg file for the relevant map must be modified. The location of this file is **(Steamfolder)\steamapps\common\Omsi 2\maps\{route name}**.

All AI vehicles deployed on a given map are listed in the text file ailst.cfg. The vehicles in this AI pack can be used either alongside or instead of the vehicles already listed.

Note that the AI lists already stored in this folder should be backed up before overwriting them!

When integrating AI buses into an OMSI map, some special features have to be considered.

While AI cars and AI trucks sometimes appear more and sometimes less sporadically in an OMSI map according to the defined frequency in the AI list, AI buses must also be specifically listed as such in the ailst.cfg. Unfortunately, OMSI does not offer an automated import for this, so that the integration of the AI buses and their function must be done manually.

Here, a distinction is first made as to whether the AI buses are to appear randomly in OMSI road traffic in the same way as an AI truck (like coaches, for example) or whether the AI buses used are to operate on the OMSI map on the designated bus routes, stopping at bus stops and passengers getting on and off.

To edit the ailst.cfg file, open it with a text editor (e.g. Notepad). We recommend saving a copy of ailst.cfg beforehand so that it is still available in the original in the event of errors.

In the ailst.cfg, the different vehicle groups are usually subdivided.

For example, a distinction can be made between normal cars, trucks, delivery vans (commercials) and ambulances. Whether this is subdivided into vehicle groups, however, is a decision of the map builder and does not have to be made.

If an AI bus is to appear sporadically on the OMSI map like an AI truck (e.g. a coach), it can be included under the paragraph [aigroup_2] in the Trucks section.

For this, it is sufficient to enter the directory path to the AI bus.

Directory paths of the AI buses from the OMSI2 download pack Vol. 10

Vehicles \ Halycon_AI_Pack_10 \ ai_EZ10.bus
 Vehicles \ Halycon_AI_Pack_10 \ ai_MB_404.bus
 Vehicles \ Halycon_AI_Pack_10 \ ai_MB_Futurebus.bus
 Vehicles \ Halycon_AI_Pack_10 \ ai_MB_Intouro.bus
 Vehicles \ Halycon_AI_Pack_10 \ ai_Optare_Solo.bus
 Vehicles \ Halycon_AI_Pack_10 \ ai_S_411.bus
 Vehicles \ Halycon_AI_Pack_10 \ ai_Wrightbus.bus



INCLUSION OF THE KI BUSES IN THE OMSI-MAP ROUTE NETWORK

Unfortunately, the use of AI buses in the respective regular services of the OMSI map is individual for each map and there is no standard entry for this. This must also be provided for by the map builder, otherwise no AI buses can be used on the map.

In the paragraph [aigroup_depot] in the ailst.cfg of the respective OMSI map, some information about the AI bus used, the bus line on which it is to be used and, if necessary, further information such as advertising and/or number plates must be included.

For some well-known OMSI maps we provide modified AI lists with this product.

You can find these after the Steam download of the product under

**[OMSI2-directory] \ Addons \ Halycon_AI_Pack_10 \ ai_listen \ angepasst **

A further listing can be found on the Halycon website as a free download for OMSI2 download pack Vol. 10. This list will be added to as required. If you miss an OMSI map available on Steam, just write us via the contact form on the website and we will complete the overview.

Link to the product page of OMSI2 download pack Vol. 10 on the Halycon website:

https://www.halycon.de/index.php?do=game&games_id=713



FAQS – FREQUENTLY ASKED QUESTIONS

White areas on 3D objects

In case you see white areas on 3D objects and/or vehicles, internal memory is stressed. In order to provide OMSI with more internal memory, you can use the so-called 4GB-Patch: www.ntcore.com/4gb_patch.php.

Game slows down when more AI vehicles show up on screen

Depending on the number of AI vehicles on screen, game speed may decrease. Furthermore, the category of the vehicles is relevant. The more detailed the vehicle is, the more data must be processed by OMSI. Should this be the case, lower the number of AI vehicles in the game.

Number of AI vehicles varies

Maps with Chrono Events such as Spandau will change over time with respect to the vehicles showing up. Here, results may at times vary from the values entered.

Tipp: Both original files (in case unexpected issues occur) as well as manually altered files should be saved (in case Steam wants to overwrite files when the game is updated).



TECHNICAL SUPPORT

Due to the large number of different hardware- and software combinations, using our software may lead to technical difficulties.

Please use the latest drivers for your graphic and sound cards. Start the installation and the setup program with administrator rights. It is also possible that files cannot be saved correctly to your hard disk.

To use administrator rights, right click on the setup program and choose „Run as administrator“.

Consult the FAQ (frequently asked questions) on our website www.halycon.de to see if your problem is already known. It is most likely that you will find any difficulties you have encountered in this section.

If you do not find what you are looking for, feel free to contact us via the contact page on the website.

In order to help you as quickly as possible, please describe your problem exactly and send us the log file from DirectX (DXDIAG). It contains all information relevant to the driver. To do this follow these instructions:

- 1) Click [Start] in the taskbar and choose [Run].
- 2) Enter „DXDIAG“ (without quotation marks) and click [OK].

The program starts, and you can read all relevant information as well as save it as a file.

If you run into any technical issues with OMSI, please send us the file logfile.txt from the OMSI directory.

INFORMATION ON THE BUS MODELS

The OMSI download pack Vol. 10 contains seven AI vehicles, some of them very different, which can be integrated into an OMSI map as additional AI vehicles.

The selection ranges from the autonomously driving minibus EZ10, which is a highlight on every street due to its appearance alone, and the future concept vehicle MB Future Bus, which we will encounter in the future in public transport in a similar way, to the combi and coaches MB O 404, MB Intouro and the S 411 HD.

Also included are two models that will find their place of use especially on English OMSI maps. The Optare Solo SR and the Wrightbus Streetlite have their passenger entrance on the left side and are thus ideally prepared for road traffic in London or Yorkshire.

Please note that the AI vehicles are only intended for use as self-driving buses. No vehicle can be controlled by itself. The integration of AI vehicles must be done manually, as OMSI itself does not offer an import function for this. You can find more information on this in the chapter „Inclusion of AI buses in the regular service of the OMSI map“.

Below is some more information about the individual bus models included in the OMSI Downloadpack Vol. 10.

IMPORTANT NOTICE

Please note that AI vehicles cannot be driven and are independent vehicles on your OMSI map. For this, the AI vehicles must be manually integrated into the respective OMSI map. OMSI does not offer an automatic import for AI vehicles.



CITYBUS EASYMILE EZ10

The easymile EZ10 is a mobile passenger cabin without an actual driver. It is operated fully electrically and the maximum speed is max. 40 km/h. The battery power is sufficient for a maximum driving time of 14 hours. Produced in small series, this vehicle is mainly used in test routes and systems to test the feasibility of autonomous passenger transport. The EZ10 has been in testing worldwide since 2014, mainly for shorter shuttle trips.

Manufacturer	Groupe Ligier Easymile
Dimensions	Length 4.05 m / Width 1.89 m / Height 2.87 m
Empty weight	1,100 kg
Gross vehicle weight	3,130 kg
Passenger capacity	6 Seats / 6 Standing room (max 900 kg)
Type of drive	Electric / asynchronous motor
Axles	2
Production period	Since 2014
Special feature	Fully autonomous electrically operated passenger cabin



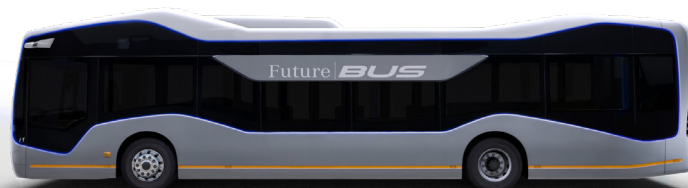
COACH MB O 404

Introduced at the end of 1991 as the successor to the very successful O 303 series, the O 404 presented a new standard with its modern design, equipment and high quality.

The customer had the choice between three lengths (9.2 m / 10.7 m / 12.0 m), three heights (RH 3.3 m / RHD 3.5 m / SHD 3.75 m) and three equipment classes (comfort, luxury and super luxury).

At the IAA 1992, even a double-decker version was presented, which, however, was not produced in series. The engine range extends from the V6 engine with 151 kW (205 hp) to the V8 engine with 370 kW (503 hp). The O 404 model series was built until 1999 and replaced by the O 580 series.

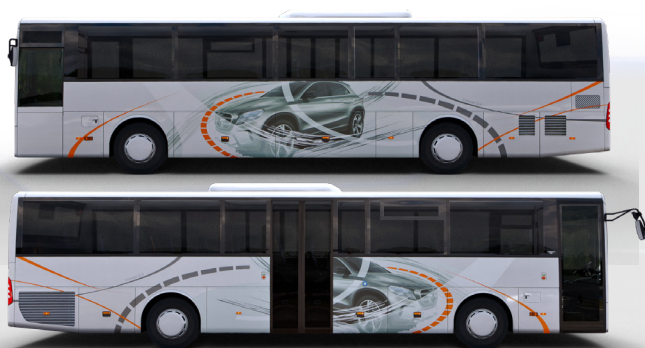
Category	Combined bus for intercity lines, excursion and travel
Dimensions	Length 9.2 up to 12 m / Height 3.3 m up to 3.75 m
Passenger capacity	32 to 37 seats in the standard version
Power	151 kw (205 HP) up to 370 kW (503 HP)
Displacement	Up to 14.6 litre
Production period	1992 up to 1999
Special feature	Very manoeuvrable coach in a wide range of designs and lengths



CITY BUS MB FUTURE BUS

In 2016, this new technology study based on a C2 was presented. It shows the possibilities of a future passenger transport concept. On a 20 km route in Amsterdam, the MB Future Bus equipped with the CityPilot function completed its first autonomous journey in urban traffic. A multitude of cameras scan the road and surroundings, constantly scanning the route ahead. The partially automated city bus thus increases safety and relieves the driver. Large displays in the passenger compartment provide a wealth of information, not only about the route being driven. The driver's dashboard area has been completely redesigned and equipped with new instrument displays.

Category	Technology vehicle of a future city bus
Dimensions	Length 12.14 m / Width 2.55 m / Height 3.3 m
Passenger capacity	Up to 105 passengers per version
Motor	Hybrid / Electric / Hydrogen
Special feature	Numerous assistance systems enable semi-autonomous or fully autonomous driving operation



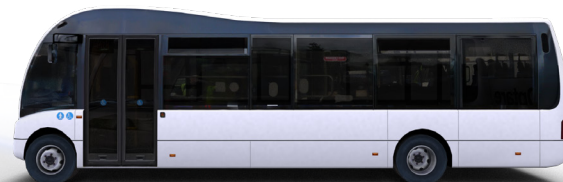
MB INTOURO

In 1999, the Intouro was introduced and produced as a simple coach and intercity bus.

The 2nd generation from 2006 onwards extended its use to regular services and transfers. This bus series is produced in Turkey and the main sales market is Eastern Europe.

Numerous equipment variants are available and show the possible flexible use of this bus model. The 3rd generation of the Intouro intercity bus was introduced in 2020. This is also planned with alternative drive concepts.

Category	Intercity bus for regular service or day trips
Dimensions	Length 12.2 m / Width 2.55 m / Height 3.36 m
Passenger capacity	Maximum 96 passengers in total Up to 55 seats in the standard version
Motor	OM 470 or OM 936
Power	220 kW (300 HP) / 260 kW (354 HP)
Wheelbase	6.92 m
Turning circle	20.98 m
Production period	Since 1999 in different models Gen 2 since 2006
Special feature	Solid intercity bus and a wide variety of designs and equipment



OPTARE SOLO SR

The Optare Solo SR has been manufactured in the UK since 2007 and replaced the Optare Solo.

In addition to the very low entrance and the high standing room capacity, this lightweight bus model is also frequently used on shuttle trips and at airports. By April 2017, almost 1,500 vehicles had been built and are still in production.

Category	Lightweight low-floor midibus
Manufacturer	Optare PLC, Großbritannien
Dimensions	Length 9.96 m / Width 2.5 m / Height 2.89 m
Gross vehicle weight	11,300 kg
Passenger capacity	Up to 58 passengers, including 36 seats
Type of drive	Electric / asynchronous motor
Wheelbase	6.58 m
Production period	Since 2007
Special feature	Different drive types up to fully electric



COACH S 411 HD

Introduced in 2001, the 500th vehicle was handed over to a coach company in 2007. At 10.16 m, the S 411 HD model is the shortest version of the nTopClass 400 series.

The high decker is very manoeuvrable due to its short wheelbase and is popular for journeys through old towns and narrow mountain roads.

Category	Very well equipped short coach
Dimensions	Length 10.16 m / Width 2.55 m / Height 3.76 m
Passenger capacity	32 to 37 seats in the standard version
Motor	V6-Motor MB OM 501 LA Euro V
Power	300 kW
Displacement	11,950 cm ³
Radabstand	4.985 m
Production period	Since 2001
Special feature	Manoeuvrable coach in a wide variety of designs, incl. presentation vehicle and club bus



WRIGHTBUS STREETLITE

The Irish bus manufacturer Wrightbus, founded in 1946, had to file for insolvency in 2019 for economic reasons and was taken over by the English Bamford Bus Company in autumn 2019.

The takeover goes hand in hand with a change in strategy for the model range. The new Wrightbuses will offer modern, emission-free hydrogen vehicles as well as electric buses.

Manufacturer	Bamford Bus Company / Wrightbus, Ireland
Dimensions	Length 9.5 m / Width 2.45 m
Passenger capacity	Up to 70 passengers, including up to 37 seats
Type of drive	Electric
Production period	Since 2014
Special feature	Numerous different drive and equipment types, as well as sizes (8.8 m to 10.8 m)

Population growth at OMSI:



- Additional Ki people (women, men in different age groups)
- Numerous variants
- German and English voice over



More information: www.halycon.de