



aeroSOFT™

OMSI 2 Add-on

Tram NF6D

Manual



The first German tram for OMSI 2!

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OMSI 2

Tram NF6D

Essen/Gelsenkirchen

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Manual

Add-on for

OMSI 2



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Introduction

OMSI 2 premiere – for the first time, the popular bus simulator takes you on the rails. Between two beautifully laid out cities, inspired by the Ruhr region, you drive along 15 stops (two of those underground) through the narrow streets of Essen and the broad lanes of Gelsenkirchen. A depot and a reversing facility in the underground complete the track. The route has many facets and partly integrated into the road traffic, partly independent of it. Just as in real life, you'll constantly have to pay attention to the whole traffic. This allows you to experience the world of OMSI from a fresh perspective and offers many new possibilities.

The focus of this add-on is the vehicle type NF6D (MGT6D), originally developed in 1988 for Kassel's transit service. The tram is driven by a three-phase propulsion. It measures 28.6 metres in length and 2.3 metres in width. It can achieve speeds of up to 70 km/h and carry at most 171 people. Contrary to many other cities, the tram doesn't operate on standard gauge rails but in metre gauge rails, as is typical for the Ruhr region.

This tram was the first to be usable in low-floor operations. In 1992, a total of 42 low-floor trams were delivered to the BOGESTRA (Bochum-Gelsenkirchener Straßenbahnen AG).

About this manual

This manual is limited to describing and explaining this add-on and complements the manual of the main game "OMSI 2 – The Omnibus Simulator". Please read the basic function description and instructions for operating and configuring the simulation OMSI carefully in its manual. Where it aids clarity, we use explicit references to the OMSI manual in order to give you optimal instructions.

System requirements

In order for the "Tram NF6D" add-on to play as smoothly as possible, your system should meet the following minimum requirements:

- OMSI 2 – The Omnibus Simulator mind. 2.2.032
- Operating System Win 7 / 8 / 8.1 / 10
- Processor (CPU): min. 2.8 GHz
- Graphics card: min. 1024 MB VRAM (DirectX 9.0c or higher)
- RAM: min. 4 GB RAM
- Free hard disk space: min. 2 GB
- Internet connection and user account at Steam required. You need to be at least 13 years old to create a Steam user account.

Please note: OMSI 2 - The Omnibus Simulator must be installed in order for the add-on to operate.

Recommended equipment:

- Processor (CPU): 3.2 GHz Quad Core
- RAM: 4 GB
- 3D graphics card with min. 1 GB VRAM
- Force Feedback steering (ideally with 900° turning angle)



Preparation for your first Tram drive

You should get used to the procedures in the following so you can successfully master your first tram drive.

Starting the add-on



Please select the appropriate variant from the menu above:

- Tram

For the first start, please select the option „Load map without buses“. After that, you can set a date/time of your choice depending on the settings and finally set off with the button „Start“.

Set up the Tram & change driving direction

1. Optionally: Unlock with key from the outside front right
2. Turn on battery (only in the A head) {Electricity / E}
3. Extend current collectors (only in A head)
4. Activate head, set driving direction
5. For B head click on BoGestra sign at the outside in F4 view
6. F1 view into the B head interior
7. In the B head press "D" (press twice if A head was active)
8. Turn off windshield wipers and driver's lighting in A head manually

Strip down

1. Only works in A head
2. Both heads have to be off
3. Lower current collectors
4. Turn off battery

Notes

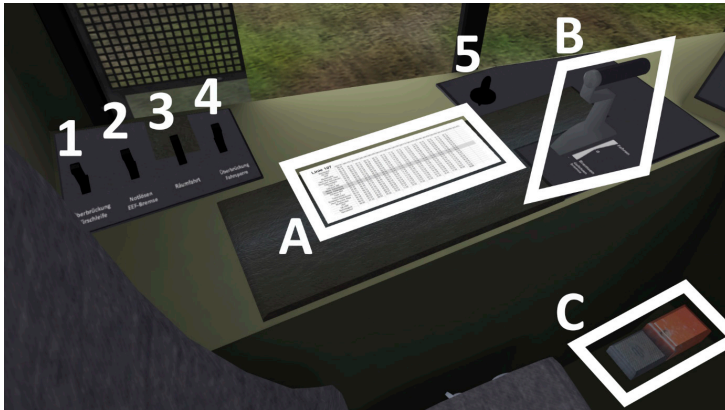
- Depending on the head, the IBIS has to be set up separately
- The matrix menu (Alt menu) and IBIS may not be used at the same time

Further explanations for use of the NF6D on different maps as well as for problem solutions for fixing errors when using rail vehicles in the bus simulator can be found in the enclosed Tram SDK.

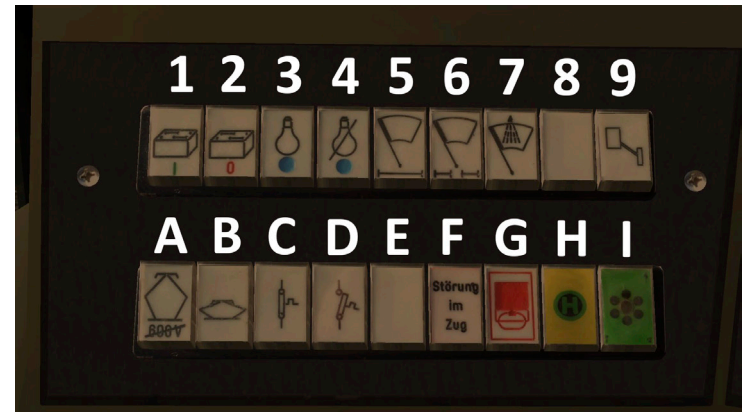


Explanation of all control knobs

Left side unit



- 1 Door loop bypass
- 2 - no function -
- 3 Test run (no functions possible, except driving with at most 30 km/h and braking)
- 4 Train stop bypass (when brakes locked up) {manual transmission 4th shift}
- 5 Turn-switch with the following 3 positions:
 - Head off {reverse gear / R}
 - Head on (Driving not possible) {Neutral position / N}
 - Head on (Driving possible) {Forward gear / D}
- A Tram schedules (for browsing)
- B - no active function -
- C High beam pedal











Left console unit

- 1 Battery switch ON (only works in A head)
- 2 Battery switch OFF (only works in A head)
- 3 Interior lighting ON (only works in A head)
- 4 Interior lighting OFF (only works in A head)
- 5 Wipers, normal
- 6 Wipers, Interval
- 7 Wipers, fast
- 8 - no function -
- 9 External mirror left {manual transmission select higher gear}
- A Extend current collectors (only works in A head)
- B Lower current collectors (only works in A head)
- C – G - no function -
- H Stop request signal light
- I Door release



Explanation of all route signs & signals

	Request
	Stop
	Drive / Expect Stop
	Free travel ahead
	Free travel to left
	Automatic track switch, pass with at most 20 km/h
	10 km/h
	20 km/h

	30 mk/h
	50 km/h
	Green with speed limit (in this case 40 km/h)
	Green with speed limit (in this case 70 km/h)
	Route separator Don't accelerate while passing!
	Stop marking
	Stop marking for NF6D single traction
	Ring here
	Passenger stairs may not be extended (not for NF6D)



	Drive eco-friendly; from here on roll to the next stop
	Signs & signals above/below apply to shown direction
	Signs & signals above/below apply to shown direction
	Signs & signals above/below apply to shown direction

The routes

Route 107

- Gelsenkirchen Central station
- |
- Heinrich König square
- |
- Music theatre GE
- |
- Overwegstraße
- |
- Feldmarkstraße
- |
- Holbeinstraße
- |
- Hans Böckler avenue
- |
- Fürstinnenstraße
- |
- Revierpark Nienhausen
- |
- Trotting course
- |
- Tripple Z
- |
- Hanielstraße
- |
- Katernberger market
- |
- Zollverein train station
- |
- Katernberg branch

Route 302

(only for owners of „Project Gladbeck“)

- Gelsenkirchen Central station
- |
- Heinrich König avenue
- |
- Music theatre GE
- |
- Kennedy square
- |
- Grenzstraße
- |
- Grillostraße
- |
- Berliner Brücke
- |
- Schalker Meile
- |
- Ernst Kuzorra square
- |
- Stadthafen
- |
- Emscherstraße
- |
- Willy Brandt avenue
- |
- Veltins Arena
- |
- Berger Lake
- |
- GE Buer Rathaus (city hall)
- |
- Buer Rathaus (city hall)



Points of interest along route 107

- Gelsenkirchen Central station
 - | - opened in 1847
 - | - reconstruction in 2005/2006, 15 Mio. € investment
 - | - Stop for train routes RE2, RE3, RB42, RB46, S2 & various long-distance lines
 - | - Stop for 3 tram lines and 16 bus lines
- Music theatre Gelsenkirchen
 - | - officially “Musiktheater im Revier”, in short “MiR”*
 - | - opened in 1959, since 1997 under monumental protection
 - | - world renown: Ballett Schindowski
- Revierpark Nienhausen
 - | - 30 hectare large park
 - | - part of the “Gesundheitspark (Health park) Nienhausen”
 - | - offers wellness, sport, leisure time, gastronomy & workshop areas
- Trotting course
 - | - officially called “GelsenTrabPark”
 - | - 1200 m long racetrack
 - | - yearly “Schalke hilft!” (“Schalke helps”) fundraising race

- Zollverein train station
 - | - opened in 1887, renamed four times since
 - | - name stems from UNESCO World Heritage „Zeche (Mine) Zollverein”
 - | - barrier-free entry
- Zollverein
 - | - active hard coal mine from 1851 to 1986
 - | - UNESCO World Heritage since December 2001
 - | - Exterior visits at any time, interior visits with guidance
- Culture line 107 – Discover Essen with the Tram

*“Revier” is a nickname for the Ruhr region.

Credits

This add-on would'nt have been possible at the final extend and quality without the tremendous help from the following people, who deserve my biggest thanks:

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Manual: R&W

OMSI 2 Add-on

PROJECT

Gladbeck



**More than 35 lines, 500 km of route
Discover the Ruhr region in the
largest OMSI add-on!**



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OMSI 2 Add-on

Citybus 0405



NEW for OMSI 2:

Experience the next classic in the world of public buses: the Citybus 0405 belongs to the last generation of high-floor buses. Including 0405 and 0405G!