



MAN Lion's City A20 Ü by Vengeance3D

Thank-you for downloading this FREE addon for the bus simulator OMSI 2. I hope you have as much fun driving it as I have had creating it.

Info

The A20 or NÜxx3 (Ü is short for Überlandbus which in-turn means Intercity) is a 3rd generation of Lion's City, originally dating back to 1996. After various facelifts you will find this example you are about to play is based on the current Euro 6 model. Notable features are the black grill, silver 'MAN' hood bar and day running lights.

Installation

Locate the downloaded ZIP file and open. Copy the contents into your OMSI2 directory and overwrite files as required. To ensure that no future problems arise it's always best to delete any previous installations of the bus before doing so.

Playing for the first time

Open OMSI2 and start a new map. Add a new vehicle and locate 'V3D Lion's City' in the manufacturers list. Choose 'A20 Ü' from the available models and decide on either a Voith or ZF gearbox. The final step is to decide which included / downloaded livery to use. Once all that's done you're ready to get started.

Getting started

To start the bus press **E** to enable the electrics and then hold **M** to start the engine. It won't start if the gearbox is in any other gear apart from neutral (The display will notify you). Either press **D** or rotate the gear selector to 'drive' (With brake pedal pressed) and release the handbrake on your left hand side (Or with .) To open and close the doors press - for the front and = for the rear. The stop-brake is not required in this add-on for the doors to operate.

NB. Take a look at the dashboard guide (Below) to help you navigate the various buttons.

Using the ticket machine

It's very easy use without programming any timetabled journeys. If you are at a stop and front door is open you will be shown the ticket menu by default. Choose an appropriate ticket and print!

If you wish to see the next stops on your journey then simply program in your route and journey information from the main menu using the LINE/COURSE (eg. 07600) and ROUTE (eg. 1) options. Automatic announcements will only play if you are running to timetable.

A LAWO information display is installed in the saloon and will echo the next stops on your timetabled journey.

Repaints

If you wish to create your own repaint for the A20 then you may use the included Photoshop PSD repaint template.

I have coloured certain layers to show what they are for:

GREEN - Areas to paint on. These are divided into two areas. One for the main body paint and the other for painting over the black window surrounds

RED - Toggle when creating the window texture

BLUE - Do nothing with these as they are required

The best way to understand how the template works is to examine the default white bus included and to look at the existing repaints to see what they are saved as.

Customisation

Included in each repaint is a list of setvars that give you the ability to customize the way the bus looks. I've listed these below so you can either modify existing repaints or make your own to look the way you like.

[setvar]

Vis_hubcap ← **Show hubcaps on all wheels**

1

[setvar]

Vis_hubpro ← **Show the wheel-hub ring on the front wheels (Hide for hubcaps)**

1

[setvar]

Vis_aircon ← **Show main saloon air-conditioning unit**

1

[setvar]

Vis_cngtank ← **Show CNG tank**

1

[setvar]

Vis_easysphere ← **Show driver's air conditioner**

1

[setvar]

Vis_archguard ← **Show rubber wheel arch surrounds**

1

Known problems

There are some issues you may experience during the course of play that are expected due to the nature of the game or the limitations of my expertise in scripting. Some of those are listed below:

- Gear display freezes or disappears when prompted with an error, such as *Fuel Low*. A work around is to press the *Cycle Error Messages* button until it clears, fill tank with fuel or use the game menu to repair the bus.
- Snow flake icon doesn't go when electrics are turned off.
- The outside body textures appear white or black. It seems you may have low graphics memory. Re-start the game and/or install the 4Gb patch to increase available memory to OMSI2
- Low FPS once the bus is loaded. I have played many hours in OMSI2 and rarely get below 30fps. If I do it's usually the fault of the game and a full game re-install usually fixes the issue. Having said that I do have a mid-range gaming setup but it may perform poorly on low-end systems, such as laptops with integrated graphics cards.

Dashboard Guide





Questions?

Head on over to *Marcel's OMSI 2 forum* where I and others will try to help you where possible. You can also find plenty of repaints there too in the various sections.

Thank you.... Thank you..... Thank you!!!!

Several people (Myself included, of course) have made this addon possible and I'd like to take this opportunity to thank you all for your assistance. If I have forgotten to include someone then please accept my apologies.

alTerr
Citaro0530
CraherPL
David Lee
Marcel Kuhnt
Morphi
SimgamesNL
Wizard

That's it, have fun!
V3D