Citybus o530 Facelift

manual

KAJOSOFT

Table of Contents

A word from the creator 3
Versions - nomenclature 4
Dashboard 6
Dashboard (side) 7
Dashboard (top) 8
Starting bus: 8
Ibis (old) 9
  Turning on 10
  Setting line with route 10
  Setting line without route 10
Ibis (new) 11
  Turning on 11
  Setting line with route 14
  Setting line without route 18
Ticketpriner 21
  Selling ticket 21
Ingame setvar configurator 22

A word from the creator

Thank you for purchasing the OMSI 2 Add-on Citybus o530 Facelift. I spent a lot of time on this project. I did it to the best of my ability and took care of the smallest details.

Choose from 268 versions, find your favorite repaint from the 670 built-in or create your own, configure your buses with 83 setvars with over 236 options. I hope you have many hours of enjoyment riding these buses!

Special thanks to all the people and public transport companies who helped improve this add-on.

Versions - nomenclature

The add-on contains 268 versions that differ in many respects. All versions are in the manufacturer:

Citybus by Kajosoft

Each version contains 5 differentiating elements in its name:

1	2		3	4	5
o530 Facelift CNG	2d	-	447	D854.3	
o530 Facelift LU	1-2d	-	906	6HP502	
o530 Facelift G	4dT	-	457	D864.5	(big cabin)

All available options for each item are described below:

1 Length & type:

	Length	Type
o530 Facelift K	10,5m	City
o530 Facelift	12m	City
o530 Facelift CNG	12m	City (gas engine)
o530 Facelift U	12m	Suburban
o530 Facelift LE	12m	Low Entry City
o530 Facelift LE U	12m	Low Entry Suburban
o530 Facelift MU	13m	Suburban
o530 Facelift MU LE	13m	Low Entry Suburban
o530 Facelift L	15m	City
o530 Facelift LU	15m	Suburban
o530 Facelift G	18m	City
o530 Facelift G CNG	18m	City (gas engine)
o530 Facelift GU	18m	Suburban
o530 Facelift GL	19,5m	City

2 Doors & engine orientation:

	Number of doors	Front door	Engine orientation
1-2d	2	Single	Horizontal
2d	2	Double	Horizontal
1-3d	3	Single	Horizontal
3d	3	Double	Horizontal
3dT	3	Double	Vertical
4d	4	Double	Horizontal
4dT	4	Double	Vertical

3 Engine:

	Engine type
906	OM 906 hLA
926	OM 926 LA
447	M 447 hLAG
457	OM 457 hLA / OM 457 LA

4 Transmission type:

	Number of gears
D854.3 / D864.3	4
D854.5 / D864.5	4
6HP502 / 6HP592 / 6HP602	6
6AP1200 / 6AP1700	6

5 Driver's cabin type:

	Type
	standard cabin type
(big cabin)	cabin with half of front door

The full list of available versions, along with screenshots and a detailed description, is presented in the **versions_list.pdf** file.

Dashboard

1. Retarder on/off (foot brake)
2. Retarder constant on/off
3. ASR on/off
4. Emergency lights
5. Lifting the bus
6. Exterior lights
7. Passengers lights
8. Driver's light
9. Horn
10. Wipers
11. Turn signals / high beam
12. Hide/unhide steering wheel
13. Ignition switch
14. Display switch
15. No function
16. No function
17. Electric brake
18. Kneeling
19. Auto kneeling
20. Stop automatic closure of 2nd doors
21. Door all button
22. Hazard warning lights when doors are open
23. Front door lock button
24. Door release by passenger
25. Transmission buttons
26. Door buttons

Dashboard (side)

27. Direction board
28. Setvar configurator
29. Switching air vents
30. Driver's cabin temperature control
31. Adjusting the power of air vents in the driver's cabin
32. Driver's cabin air conditioning
33. Internal air circulation
34. Automatic temperature control in the passenger area
35. Defrosting
36. Auxiliary heating
37. Opening/closing the driver's window
38. Mirror adjustment
39. Mirror selection
40. Heating mirrors and windows
41. Roof air vent mode auto/manual
42. Roof hatches open / close
43. Parking brake
44. Adjusting driver's column
45. Emergency release of electric brake
46. Emergency power off

Dashboard (top)

47. Radio on/off

Starting bus:

- Ignition switch to position 1 (Button No.13)
- Ignition switch to position 2 (Button No.13)
- Start engine (ignition to position 3) (Button No.13)
- Press the brake pedal lightly
- Click transmission button (No.25)
- Release the parking brake (No.43)

Ibis (old)

1. Number 1 / changing the ticket zone
2. Number 2 / blockade of validators
3. Number 3 / turn on/off ibis
4. Number 4 / setting line without route
5. Number 5
6. Number 6
7. Correction of next busstop (backward)
8. Start route (not obligatory)
9. Correction of next busstop (forwardward)
10. Cancel
11. Play announcement
12. Number 7 / setting line with route
13. Number 8
14. Number 9 / Play announcement
15. Dallas key (use to log in to ibis)
16. Request to talk to the dispatcher (not used)
17. Incident announce (not used)
18. Volume of announcement
19. Menu
20. Ticketprinter
21. Sending report (not used)
22. Number 0 / ibis logout (click 3 times)
23. Enter

Turning on

- Click on button No.3
- Wait several seconds
- When on display is „Provide ID?" click button No.15
- Enter any PIN (4 numbers)
- Click Enter (No.23)
- Wait several seconds
- When on display is date & time can be set line/terminus/route

Setting line with route

- Click Number 7 (No.12)
- Put line numer ; click enter
- Put route numer ; click enter
- Put day type (is not used, can be 0) ; click enter
- Set negative or not (negative of displaying line numer) by arrows No.7, No.9 ; click enter
- Choose departure/check route by arrows No.7, No.9 ; click enter

Setting line without route

- Click Number 4 (No.4)
- Put Line number ; click enter
- Put Terminus number ; click enter
- Set negative or not (negative of displaying line numer) by arrows No.7, No.9 ; click enter
- Put route numer (is not obligatory) ; click enter
- Set with or without route ; click enter

Ibis (new)

Turning on

Ibis turns on automatically with the ignition. Ibis is ready for operation in approximately 27 seconds. Screen 1 will then appear.

Ibis (new) - screen 1

Please enter any driver's number. To do this, click on the gray box marked A. Screen 2 will then appear.

Ibis (new) - screen 2

The number is entered using the digits D. If you want to change it, you can use the E button which deletes the last entered digit. You can use F to stop typing and return to the previous screen. The entered number is confirmed by pressing the button G.

After confirmation, you return to the previous screen 1 with the entered driver number visible. Press the button B to proceed.

Ibis (new) - screen 3

Screen 3 shows the logged in driver's data. To proceed, press the I button. You can also log out and return to the previous stage by clicking the H button.

Screen 4 is the main screen of the control panel. The J button is used to set the line and direction and takes you to screen 6. The K button can be used to lock/unlock the validators. The L button takes you to screen 5 for adjusting the volume of stop announcements. The M button shows driver information (screen 3).

Ibis (new) - screen 4

Screen 5 is used to adjust the volume of stop announcements. The volume can be adjusted using the N and O buttons. The volume level in percent is displayed in between. Confirm the changes made by pressing the R button. The P button cancels the changes made without saving. Both confirming and canceling take you to screen 4.

Ibis (new) - screen 5

Setting line with route

To go to the line and route setting screen, press the button J on the main screen (screen 4). Screen 6 will then appear, allowing you to enter the route.

Ibis (new) - screen 6

The A1 button is used to cancel and return to the main screen (screen 4). The A2 buttons (two arrows) allow you to switch between the line entry screen with or without a route. The A4 button switches to screen 13, which is used to enter a line without a route. To enter a line number, press field A5. The data entry screen will appear (screen 7). If you want to enter characters other than numbers, press the B1 button. Screen 8 will appear.

Ibis (new) - screen 7

On screen 8 you can enter basic letters. The buttons at the bottom of the screen work the same as on the number screen. You can return to entering numbers by pressing the B2 button. To enter a special or diacritical character, press the B3 button. This will bring up screen 9.

Ibis (new) - screen 8

On screen 9, entry is done in a similar way to the others. Letters and special characters have no effect on route finding. The only important thing is to enter the numbers correctly, in the right order. Additional characters can be before, between or after the digits. Example: when entering the line "76" or "A76-E" or even "A7B6/", Ibis in each of these cases will always read the route for "76", because the digits in the order are "76", and only the display will show additional characters.

Ibis (new) - screen 9

After entering the appropriate line number, enter the brigade (route) number in field A6. Field A7 is optional and does not need to be entered. Then confirm your selection using the A3 button.

Ibis (new) - screen 10

Screen 10 will then appear, showing the direction and the first stop on the route. When the schedule in OMSI menu is active, the start time of the course is also displayed. The C1 button (which is partially covered by the desktop) returns you to the screen 6. Use the C2 and C5 arrows you can change the route number (left minus one, right plus one). It should be possible to select any available route for a given line. The arrows marked C3 allow you to define how the line number is displayed on external displays. The C4 button is used to confirm data.

Line in negative: No

Line in negative: Yes

After confirmation, the exterior and interior displays will be set. Data about the course implementation status will appear on the control panel (screen 11).

Ibis (new) - screen 11

The D1 button displays the name of the current stop, and when pressed, a voice announcement of the given stop occurs.

When you press the D2 button (time until departure) the course starts and screen 12 is displayed. After a few seconds, screen 11 appears again. It is not necessary to press start of the course. The course starts automatically at the departure time of the first stop on the route. The D2 button has a blue background before the course starts and a gray background after the course starts.

Ibis (new) - screen 12

Use the arrows to correct the current stop, backward (D4) or forward (D7). The change must be confirmed with the D6 button or canceled with the D5 button. The D3 button allows you to change the current route and line, takes you to screen 6. The D8 button ends the current course, the line and direction is reset, screen 4 appears.

Setting line without route

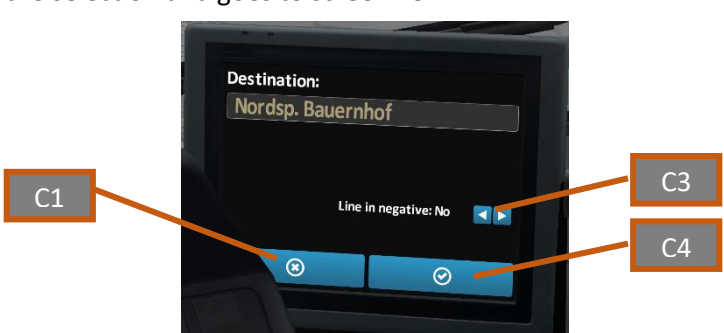
To go to the line and route setting screen, press the button J on the main screen (screen 4). Screen 6 will then appear. Then press the A4 button. Screen 13 will then appear.

The A8 button allows you to return to screen 6. Enter the line number in field A9. In field A10, the direction number. You

Ibis (new) - screen 13

can enter a line and a direction or just one of them. The use of special characters in the line number is identical to that shown on screen 7. After entering the data, confirm your selection.

Screen 14 will appear. It shows the name of the direction. It is possible to set the line display in negative using the C3 arrows. The operation is the same as described on screen 10. The C1 button returns to screen 13. The C4 button confirms the selection and goes to screen 15.



Ibis (new) - screen 14

Screen 15 shows the line number and direction and other basic information from the main screen. The D8 button is used to end the course. The line number and direction are then deleted. The remaining buttons are as functional as on screen 4.

Ibis (new) - screen 15

Ticketpriner

1. „B1” Ticket No.1 (with „F” Ticket No.6)
2. „B1” Ticket No.2 (with „F” Ticket No.7)
3. „B1” Ticket No.3 (with „F” Ticket No.8)
4. „B1” Ticket No.4 (with „F” Ticket No.9)
5. „B1” Ticket No.5 (with „F” Ticket No.10)
6. „F” Function (changing range of tickets)
7. „C” Cancel

Selling ticket

- Click button B1, B2, B3, B4 or B5 dependly of need. (for ticket from No.6 to No.10 firstly click button F and then B1-B5)
- Ticket will be print
- When ticket is printed click on ticket
- Ticket will be move to passenger sale area
- Passenger pickup the ticket

Ingame setvar configurator

To use the configurator, press the tablet located on the left side of the cockpit (page 7, element no. 28).

The tablet will appear in front of the standard view, above the steering wheel.

Option colors:

Option currently in use

Option available

Option not available

The full list of available options with screenshots, descriptions and names in English, Polish and German is available in the **setvar_list.pdf** file.

The list is moved using the slider (S3) or the arrows located on the right side in the upper (S2) and lower parts (S5). The bus equipment is changed after pressing the appropriate button in field S4.

You can use the S7 buttons to change the display language of the setvar names. EN - English, PL - Polish, DE - German, [sv] - setvar names in the Omsi system (the "/" sign means that the entire name is not displayed, in place of this character it has been truncated to fit in the designated field on the tablet). Using the S1 button, you can reset the list of options to the original version (as assigned to a given repaint). The S6 button closes the configurator, which is again available in the left part of the cockpit. Some changes are not immediately visible as some options, such as external displays, take approximately 10 seconds to change.

The configurator can be used multiple times, at any time.