Citybus 628c & 628g LF manual





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A word from the creator

Thank you for purchasing the Citybus 628c & 628g LF add-on for OMSI 2. Finally is day when anyone can drive these buses. I spent long times on this project. I made it best I can do and I taked care of the smallest details.

Choose from 26 versions, find your favourite repaint from 89 build in or create your own, configure buses by 38 setvars with over 107 options. I hope these buses are worth it and driving Citybus 628c & 628g gives you many hours of enjoyment!

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

Citybus 628c LF (12m euro 4/5)



Length: 11.950 mm

Width: 2.550 mm

Height: 2.870 mm

Engine: 926 LA e4/5 210 kW (286 HP)

Transmission:

- D854.3/D854.5 (4 gears)
- 5HP502 (5 gears)
- 6HP502 (6 gears)
- 6AP1200 (6 gears)

Curb weight: 10780 kg

Total weight: 18000 kg

Driver's cabin:

- "Small" cabin
- "Big" cabin



Citybus 628c LF e6 (12m euro 6)



Length: 11.966 mm

Width: 2.550 mm

Height: 2.870 mm

Engine: 936 e6 220 kW (299 HP)

Transmission:

- D854.6 (4 gears)
- 6AP1200 (6 gears)

Curb weight: 11430 kg Total weight: 18000 kg Driver's cabin:

- "Small" cabin
- "Big" cabin



Citybus 628g LF (18m euro 4/5)



Length: 17.940 mm

Width: 2.550 mm

Height: 2.870 mm

Engine: 457 LA e4/5 260 kW (354 HP)

Transmission:

- D864.3/D864.5 (4 gears)
- 6HP502 (6 gears)
- 6AP1700 (6 gears)

Curb weight: 15950 kg

Total weight: 28000 kg Driver's cabin:

- "Small" cabin
- "Big" cabin





Citybus 628g LF e6 (18m euro 6)



Length: 17.956 mm

Width: 2.550 mm

Height: 2.870 mm

Engine: 470 e6 265 kW (360 HP)

Transmission:

- D864.6 (4 gears)
- 6AP1700 (6 gears)

Curb weight: 16780 kg Total weight: 28000 kg Driver's cabin:

- "Small" cabin
- "Big" cabin



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List of all version

628c LF D854.3	
628c LF D854.5	
628c LF 5HP502	
628c LF 6AP1200	
628c LF 6HP502	12m
628c LF (big cabin) D854.3	euro 4/5
628c LF (big cabin) D854.5	
628c LF (big cabin) 5HP502	
628c LF (big cabin) 6AP1200	
628c LF (big cabin) 6HP502	
628c LF e6 D854.6	
628c LF e6 6AP1200	12m
628c LF e6 (big cabin) D854.6	euro 6
628c LF e6 (big cabin) 6AP1200	
628g LF D854.3	
628g LF D854.5	
628g LF 6AP1700	
628g LF 6HP602	18m
628g LF (big cabin) D854.3	euro 4/5
628g LF (big cabin) D854.5	
628g LF (big cabin) 6AP1700	
628g LF (big cabin) 6HP602	

628g LF e6 D854.6	
628g LF e6 6AP1700	18m
628g LF e6 (big cabin) D854.6	euro 6
628g LF e6 (big cabin) 6AP1700	

All versions are in the manufacturer:

Citybus by Kajosoft

Dashboard



- 1. Emergency lights
- 2. Lifting the bus
- 3. No function (e6 versions)
- 4. Retarder constant on/off
- 5. ASR on/off
- 6. Door emergency valve reset (e6 versions)
- 7. Exterior lights
- 8. Passengers lights
- 9. Driver's light
- 10. Horn
- 11. Wipers
- 12. Turn signals / high beam
- 13. Adjusting driver's column
- 14. Ignition switch
- 15. Display switch (upper and lower)
- 16. Door all button (setvar)
- 17. Kneeling
- 18. Gearbox buttons
- 19. Front door lock button (setvar)
- 20. Door release by passenger (setvar)
- 21. Electric brake
- 22. Door buttons

Dashboard (side)



- 23. Direction board
- 24. Setvar configurator
- 25. Switching air vents
- 26. Driver's cabin temperature control
- 27. Adjusting the power of air vents in the driver's cabin
- 28. Driver's cabin air conditioning
- 29. Internal air circulation
- 30. Automatic temperature control in the passenger area
- 31. Defrosting
- 32. Auxiliary heating
- 33. Heating mirrors and windows
- 34. Roof air vent mode auto/manual
- 35. Roof hatches open / close
- 36. Parking brake
- 37. Emergency release of electric brake
- 38. Emergency power off

Dashboard (top)



39. Radio on/off

Starting bus:

- Ignition switch to position 1 (Button No.14)
- Wait some seconds
- Start engine (ignition to position 2) (Button No.14)
- Press the brake lightly
- Click gearbox button (No.18)
- Release the parking brake (No.36)

Ibis (old)



- 1. Number 1 / changing the ticket zone
- 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.

	Logged in driver	
Driver:	Kajosoft	
Driver number:	3421	
Depot number:	1	
Log out		
-		

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).





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.



Ibis (new) - screen 13

You 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 11, element no. 24).



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

Option colors:



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.