

MAN

- [MAN Lion's City A21 Bus-train \(Münich\)](#)
- [MAN New Lion's City](#)
- [MAN Interurban Lion's Intercity LE](#)

MAN Lion's City A21 Bus-train (Münich)

All following info originates from the original manual

You can view the full manual here: <https://store.steampowered.com/manual/730261>

Buttons

Side console



1. Parking brake
2. Save Video clip
3. Bend protection (only articulated buses)
- 4.
5. Roof fan
6. Wind screen heating
7. Mirror adjustments
8. Supply/exhaust air
9. Roof hatch controls

Roof console/heating



1. Air vent controls driver
2. Temperature driver
3. Fan speed driver
4. A/C driver
5. Circulating air/outside air driver
6. A/C, automatic heating interior
7. Dehumidification (combined A/C + heating)
8. Diesel-operated auxiliary heating

Dashboard Type "VDV"



RED:

1. Speedmeter incl. odometer
2. Light block, top to bottom:
 1. STOP | Vehicle not ready| During drive, stop and call a mechanic
 2. ATTENTION| Danger to operational/traffic safety
 3. Turn signals
 4. High beams
 5. Parking brake
 6. ABS
 7. Destination
 8. Stop request wheel chair
 - 9: Stop request
 - 10: Check engine light
3. Info display (Vehicle, Brake pressure, fuel level, etc.)
4. Combi-lever wiper, indicator, high beam, horn
5. Steering post (click to hide the steering wheel)
6. Ignition key, start engine

BLUE:

1. Confirmation button diagnostic display
2. Lift vehicle
3. Kneeling automatic
4. Retarder
5. Switch TCS
6. Switch hazard lights
7. Kneeling manual up/down
8. Emergency lifting
9. „stadium button“ – opens and closes all doors simultaneously
10. Interior/exterior announcement
11. School bus switch
12. Door release
13. Gear selection button
14. Light switch exterior lighting
15. Light switch interior lighting
16. Door button (door 1, door 2, door 3, all doors)

MAN New Lion's City

Ticket printer

- Personel number: 21052
- PIN code: 15067

Dashboard



- | | |
|--|---|
| <ul style="list-style-type: none"> 1 -Deactivate foot retarder 2 Deactivate -ASR/ESP 3 -Deactivate start-stop 4 -Sun blind front windscreen 5 -Unlocking the driver's door 6 -School driving circuit 7 -warning lights 8 Raise -driving level 9 -Autokneeling 10 -Kneeling 11 -door sash lock 12 -stop brake 13 -Door Release (Not in 12C 2-Door) 14 -driving workplace lighting
(Level 1: Door 1 entrance lighting only in conjunction with parking lights or low beam; Stage 2: Driver's workplace lighting up to 3 km/h) 15 -Night lighting 16 -Passenger compartment lighting 17 -Door button Door 1 18 -Door button Door 2 19 -door button door 3
[Indicator and reset button for emergency stopcock only]; Door button, door 4 (not included in illustration) [Indicator and reset button for emergency stopcock only]. 20 -steering wheel adjustment 21 -combination lever 22 -windshield washer system
(Level 0: off; level 1: rain sensor; level 2: interval slow; Level 3 Interval fast) | <ul style="list-style-type: none"> 23 -Sensitivity adjustment rain sensor 24 -Retarder lever 25 -Retarder Maximum level/Disable retarder 26 -Light rotary switch (level 0: light off, Level 1: Automatic mode; Level 2: Parking light; Level 3: Low beam; Level; 4: Fog light [if activated by setvar], otherwise Nebelschluss-light; level 5: rear fog light) 27 -Gear selector rotary switch 28 -Press briefly = change between trip odometer and mileage tachometer; Press and hold: Reset trip odometer 29 -Switching the fuel gauge between diesel and Adblue tank 30 -Multi-function display 31 -control indicators 32 -Tachometer 33 -Tachometer 34 -Fuel gauge 35 -Cooling water temperature 36 -supply pressure in brake circuit I 37 -supply pressure in brake circuit II 38 -Digital tachograph 39 -Heating control unit 40 -outdoor temperature and mileage 41 - Time and trip mileage or mileage tachometer |
|--|---|

Side area



- 1 - Mirror adjustment (left/right)
- 2 - Selector switch of the mirror to be adjusted (left/centre/right)
- 3 - Adjustment of additional interior mirror
- 4 - Deactivate hold request buzzer
- 5 - Side blind
- 6 - reverse warning system
- 7 - Pedestal vent
- 8 - Deactivate external emergency stopcocks and reset emergency stopcocks
- 9 - Roof hatch adjustment
- 10 - Light test

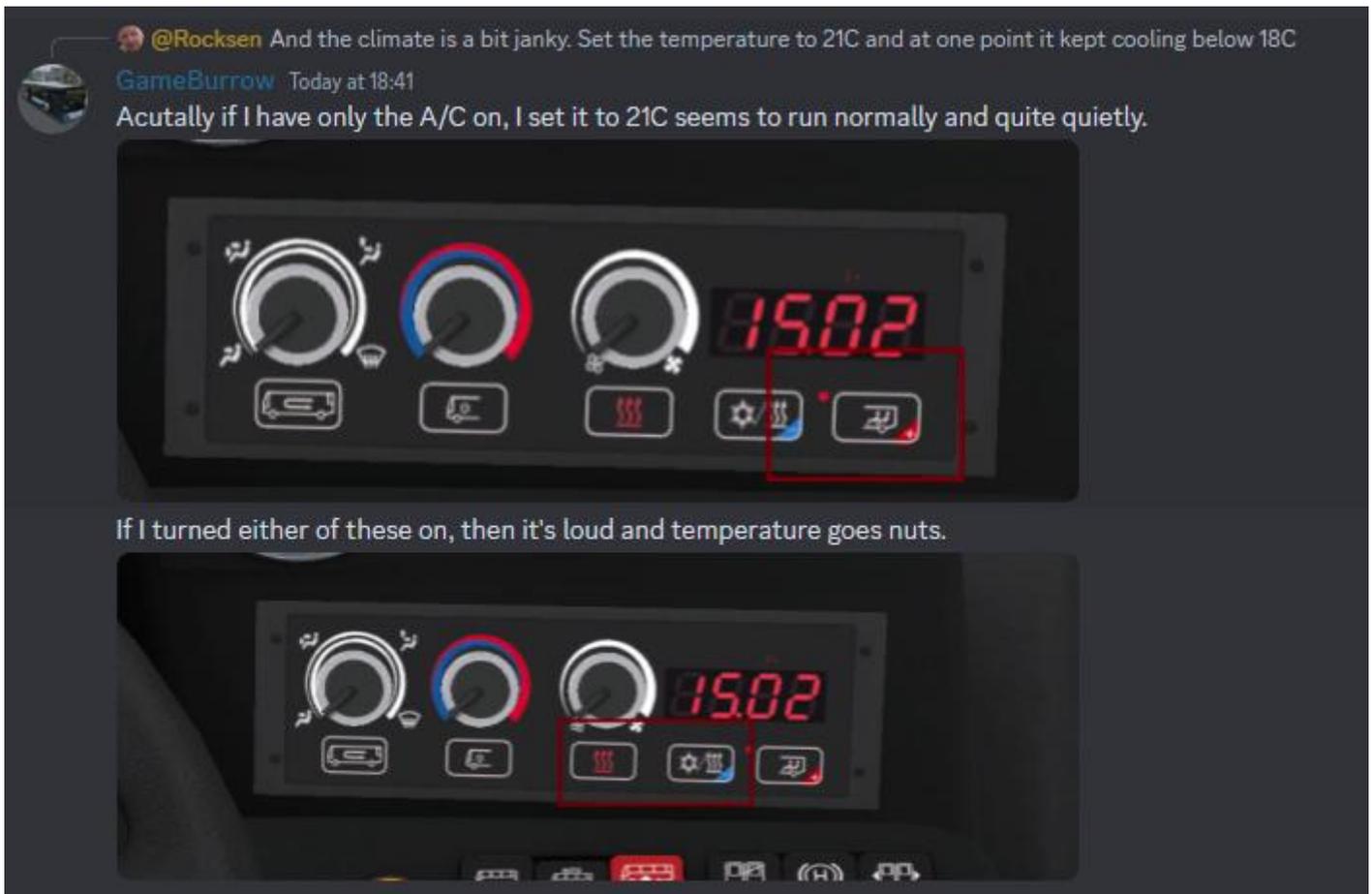
Heating Control



- 1 - Blower direction
- 2 - Fan temperature
- 3 - Blower strength
- 4 - Weekday
- 5 - Display
- 6 - Passenger compartment air conditioning
Press and hold for temperature setting
- 7 - Heating/cooling
(Dehumidifying the passenger compartment)
- 8 - Preheater
- 9 - Driver climate (not available)
Press and hold Activation of the
ECO mode - air conditioner is deactivated
- 10 - Recirculation mode

Community findings about heating control

It seems it will target degree lower than you set it to (if I set it to 22C, it will target up to 21C)



Mirror adjustment

Mirror adjustment

The vehicle has a working mirror adjustment (only to the right and to the left due to restrictions on the part of OMSI).

To do this, set switch 2 to the mirror to be adjusted and then move switch 1 in the corresponding direction.

To adjust the zoom mirror, switch 1 must be set to the centre position and switch 3 must also be activated.



Translated readme

Original readme ran through DeepL translator:

<https://cloud.gameburrow.codes/s/mr62f8cdHRYKYpt>

MAN Interurban Lion's Intercity LE

QUICK START

Select the manufacturer „MAN Lions Intercity LE“ when placing the vehicle. Here you can now select one of the buses supplied in the AddOn under Type.

Start the electrical system [E] and the motor [M]. Select a gear [D] and release the parking brake [P]. Please note, the brake must be applied to engage a gear. Depending on the pressure in the system, the bus will now start rolling and you can accelerate and steer it.

At night, you should activate the headlights [L] and illuminate the interior [8] [9]. If passengers are to board the bus, you need to set destination signs that passengers „know“ at each stop. This is done in the printer setting menu.

DRIVER WORKSTATION / DASHBOARD

Below is an overview of the controls in the driver's area of the bus. The individual functions are briefly described on the following pages.

Dashboard

Automatic start/stop is dependent on many different variables:

- Cooling water temperature reached
- reservoir pressure high enough
- how far the vehicle is steered
- is a gear engaged
- is the air conditioning/heating running
- Switch 3 in zero position

The automatic start/stop system is triggered under the following conditions:

- EasyStart active
- Stop brake engaged
- Doors open
- Door release active

The vehicle can be restarted as follows:

- Change steering angle
- Actuation of the gas pedal pedal
- By using switch 3



Side area



- 1 Mirror adjustment (left/right)
- 2 Selector switch of the mirror to be adjusted (Left/Center/Right)
- 3 Adjustment of additional inside mirror
- 4 Deactivate stop request buzzer
- 5 Side blind

- 6 Reversing alarm
- 7 Platform ventilator
- 8 Deactivate external emergency door release and reset emergency door release
- 9 Roof hatch adjustment
- 10 Light test

Heating control system



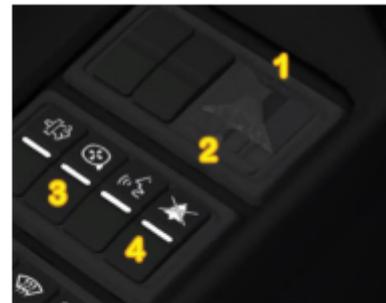
- | | |
|--|--|
| <ul style="list-style-type: none"> 1 Blower direction 2 Blower temperature 3 Blower strength 4 Weekday 5 Display 6 Passenger compartment air conditioning
Press and hold for temperature setting | <ul style="list-style-type: none"> 7 Heating/cooling (Dehumidification of the passenger compartment) 8 Preheater 9 Driver climate (not available)
Press and hold Activation of ECO mode
- air conditioner is deactivated 10 Recirculation mode |
|--|--|

Mirror adjustment

The vehicle has a working mirror adjustment (due to restrictions on the part of OMSI only to the right and to the left).

To do this, set switch 2 to the mirror you want to adjust and then move switch 1 in the corresponding direction.

To adjust the zoom mirror, switch 1 must be set to the center position and switch 3 must also be activated.

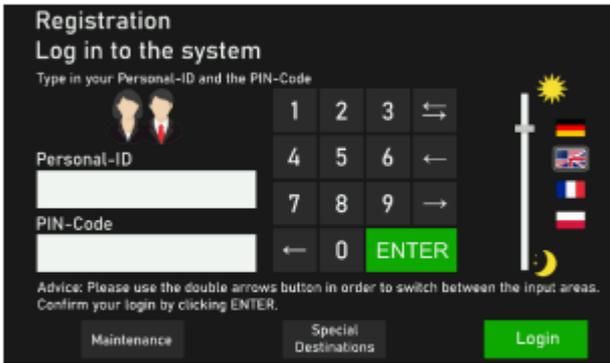


Retarder lever

TICKET PRINTER

The MAN New Lion's City buses use the FJM20 printer, a specially developed ticket printer, which is nevertheless based on a real model. Its functions are presented here.

Registration



Registration
Log in to the system
Type in your Personal-ID and the PIN-Code

Personal-ID
PIN-Code

1 2 3 ↔
4 5 6 ←
7 8 9 →
← 0 ENTER

Advice: Please use the double arrows button in order to switch between the input areas.
Confirm your login by clicking ENTER.

Maintenance Special Destinations Login

After the electronics in the bus have been switched on by pressing the [E] key, the system starts and the driver can log in.

The display language of the printer is changed by selecting the country flag.

Press **ENTER** to confirm the entry of the personnel number 21052 and the PIN code 15067

Subsequently, the login is performed by clicking on the **Login** button.

With the button **↔** it is possible to switch between the input fields „Personnel number“ and „PIN code“.

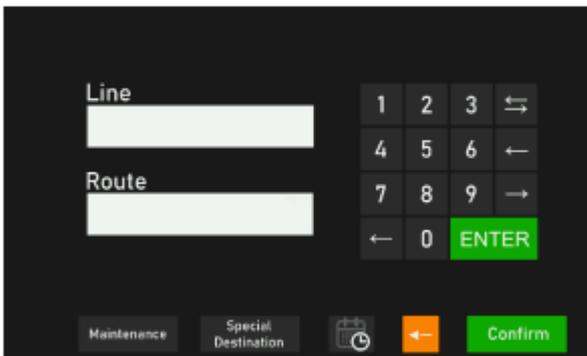
Or you can directly select the fields with **←** **→** (personnel number with <- and PIN code with ->).

Alternatively you can click directly with the mouse pointer into the respective field.

After login the menu „Line and Route Login“ is displayed.

NOTE: The personnel number is 21052 and the corresponding PIN code is 15067

Enter a line and route



Line
Route

1 2 3 ↔
4 5 6 ←
7 8 9 →
← 0 ENTER

Maintenance Special Destination ↻ ← Confirm

With the button **↔** it is possible to switch between the input fields „Line“ and „Route“.

Or you can directly select the fields with **←** **→** (Line with <- and Route with ->).

Alternatively, you can also click directly with the mouse pointer into the respective field.

The **←** button takes you to the „Stop overview“ menu. If no line and route is selected, nothing will be shown in the stop overview.

The **↻** button is used to request data from the control centre. This automatically provides the data for line and route entry and will take you directly to the stop overview.

Please confirm your entry. The „Stop overview“ menu will then automatically follow.