

Please keep the product invoice and this document for warranty.

Warranty Certificate

Username/Title:	
Phone Number:	Address:
Installation date:	Invoice Number and Date:
Product Description:LikA Parking Air Conditioner NRM-01	
Serial Number :	Vehicle Plate Number:
Vehicle Model and Year:	
User Signature:	Dealer/Service Stamp and Signature:

Warranty Statement

The product is under warranty for 2 years against malfunctions caused by the manufacturer's design or production errors. For full warranty terms, please visit our company's website.

Damages caused by installations made outside our authorized services, disassembly of the product, tearing of labels or improper use are not covered by the warranty. The invoice and warranty document must be presented during the warranty period. If the invoice and warranty document cannot be presented or if the documents are tampered with, the product is out of warranty.

Statement of Responsibility

The user must pay attention to safety during the installation of the product on the vehicle. In case of any personal safety problem, the user is responsible.



NRM-01 SINGLE FAN PARKING AIR CONDITIONER

User Manual

Thank you for choosing our product. Please read this manual carefully before using the parking air conditioner. Before using the parking air conditioner, you can achieve better performance by quickly cooling your vehicle's original air conditioner. This parking air conditioner is designed for use when the vehicle is parked. However, our product is also suitable for use while the vehicle is running and driving.

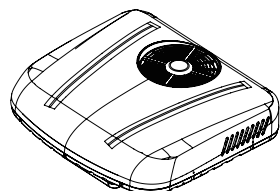
İTHALATÇI
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ATB İş Merkezi, G Blok, No: 189-190, 06105
Macunköy- Yenimahalle/ ANKARA
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Fault-Warning Definitions

Error Code	Definition	Explanation
E1	Low or high voltage protection	Battery voltage outside set low or high protection levels
EC	Sensor Error	Short circuit in sensor line, poor contact or sensor error
EF	Evaporator Fan is faulty	Evaporator fan cable is broken, fan is blocked or fan motor is faulty
E2	Overcurrent protection is active	Air conditioner gas is too much, condenser is dirty or blocked or condenser fan is faulty.
E3	System lock is enabled	Compressor wiring fault and/or compressor blocked
E4	Control panel low voltage protection is enabled	Malfunction in control panel power supply circuit and/or control board
E5	Short circuit in phase line	Short circuit, breakage or wear in compressor cables
E6	Control panel high voltage protection is activated	Malfunction in power supply circuit and/or control panel circuit
E7	Interruption in compressor operation	Contact problem in the compressor cable and/or compressor failure
F8	Condenser fan failure	Condenser fan cable broken, fan blocked or fan motor faulty
H0	Over temperature protection	Air conditioner gas pressure is high, condenser is dirty or clogged, or condenser fan is faulty.
H2	Compressor phase protection is active	Poor contact, short circuit or fault in compressor control circuit in compressor/control panel cable

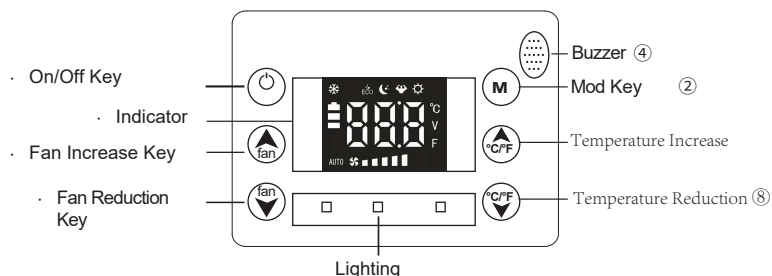
Product Image - Outdoor Unit



Technical Specifications

Air Circulation Volume	250-450 m3/h
Cooling Capacity	2200 W
Power Consumption	285-850 W
Energy Efficiency Ratio (EEP)	2.71 W/W
Working Voltage	24V
Current (at 35°C outdoor temperature)	10-35 A
Compressor Type	Scroll
Air conditioning gas R134a Filling Quantity	550±5 g
Outdoor Unit Color	Beyaz
Control Mode	Smart Frequency Converter
Set Temperature Adjustment Range	16-30 °C
Plastic Material	ABS
Noise Level	37 dB
Size (length X width X height)	950x870x190 mm
Weight	28 kg

Digital Control Panel



① On/Off Button: Turns the parking air conditioner on and off.

② Mode Button: This button changes the air conditioner's operating modes in the following order:
Fan (AC off) - Cooling (AC) on - Sleep mode - ECO mode - Turbo mode

③ Display: Shows set temperature, battery voltage, fault codes, interior temperature, selected operating mode icon.

④ Buzzer: When the panel and remote control buttons are pressed, a "Beep" sound is heard.

⑤ Fan Increase Button: Increases the ventilation intensity to 1, 2, 3, 4 and 5th steps respectively. When pressed at the highest 5th step, "Auto" mode is entered.

⑥ Fan Decrease Button: If pressed while in "Auto" mode, ventilation is switched to 5th step. Fan is reduced to 5, 4, 3, 2 and 1st steps respectively. If this button is pressed in the 1st stage, "Auto" mode is entered.

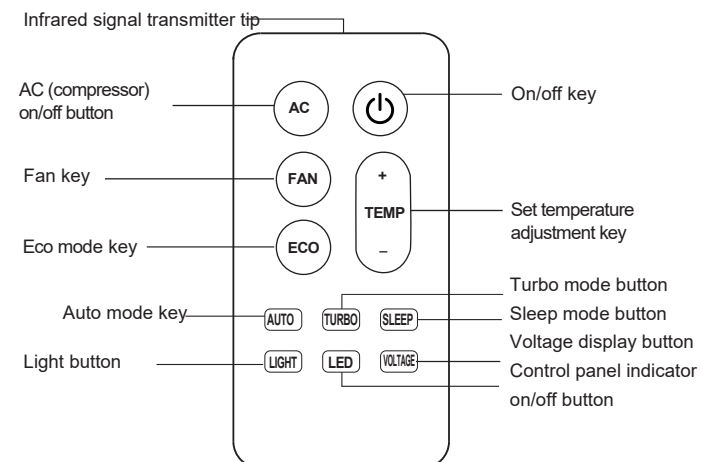
⑦ Increase Temperature Button: Increases the set (target) temperature.

⑧ Decrease Temperature Button: Decreases the set (target) temperature.

Low voltage protection function

Your parking air conditioner has a low voltage protection feature. The purpose of this function is to prevent your battery from running out while the air conditioner is running. Your air conditioner comes with this function installed and set at the factory. However, if you want to change the low voltage protection function settings, you should ask for support from our authorized services.

Remote control



Warnings

If there are curtains, doors or other objects that block the remote control from sending signals to the air conditioner, the air conditioner cannot be controlled by the remote control.

The remote control should not come into contact with liquids. Do not expose the remote control to direct sunlight or place it in an excessively hot place. If other electronic devices adversely affect the remote control, please move your remote control away from these devices.

When the remote control battery is worn out, replace it with a new one, do not use old batteries or different types of batteries, otherwise it will cause the remote control to malfunction.

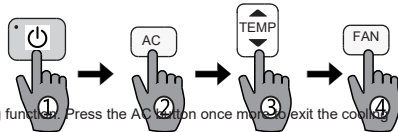
If you do not use the remote control for a long time, please remove the battery, otherwise the battery discharge will damage the remote control.

If the control panel does not beep when the control buttons are pressed, the battery needs to be replaced. The average battery life is about one year. The effective distance of the remote control is 8 meters. The infrared signal transmitting end of the remote control should be pointed at the control panel during use.

Remote Control Functions

Quick Start

① Press the On/Off button.



② Press the AC button to turn on the cooling function. Press the AC button once more to exit the cooling mode and switch to the fan mode.

③ While the cooling is on, set the desired SET temperature with the TEMP button. The SET temperature can be set between 16°C and 30°C. The cooling will be turned off when the indoor temperature drops below the SET value.

④ While the cooling is on or only the fan is running, the 5-stage blowing level can be set with the FAN button. The higher the fan level selected, the louder the cooler will be. Please select a comfortable fan level for yourself.

⑤ You can turn off the device by pressing the on/off button while the air conditioner is running.

Turbo Mode

While the parking air conditioner is on and the cooler is on, TURBO mode is started for rapid cooling by pressing the TURBO button on the remote control. In TURBO mode, the system will set the SET temperature to 17°C and the fan speed to the 5th stage. TURBO mode is exited by pressing the TURBO button again and the air conditioner returns to the last operating mode. If the user does not exit TURBO mode voluntarily, the air conditioner will automatically exit TURBO mode 40 minutes after starting TURBO mode and will continue cooling with the 4th stage fan and 22°C SET temperature. The user can restart TURBO mode by pressing the TURBO button again. However, since persistently staying in TURBO mode will cause the device to draw high current, it is recommended to check the battery charge level before switching back to TURBO mode.

Auto Mode

Automatic mode is started by pressing the AUTO button on the remote control while the parking air conditioner is on.

In automatic mode, the fan blowing level is automatically determined according to the difference between the interior temperature and the SET temperature. As the interior temperature of the vehicle approaches the SET temperature value, the fan blowing speed decreases.

In all operating modes except TURBO mode, the speed of the compressor changes automatically according to the difference between the interior temperature and the SET temperature. As the interior temperature approaches the SET value, the speed of the compressor and the current drawn from the battery decrease.

Interior Lighting

You can turn off the LED lighting on the indoor unit by pressing the LIGHT button on the remote control.

Digital Display

When the air conditioner is turned on, the SET temperature is displayed on the digital control panel display. To prevent the digital control panel display illumination from negatively affecting sleep at night, press the LED button. The display illumination will turn off. When the LED button is pressed again, the digital control panel display will light up. In fan mode, the current indoor temperature value is displayed on the control panel display.

Sleep Mode

When the air conditioner is turned on, the sleep mode is entered by pressing the SLEEP button on the remote control. When the sleep mode is entered, the device will set the SET temperature to 24°C and the fan speed will be reduced to the 2nd stage. In sleep mode, the user can increase the fan level to the 2nd stage at most.

ECO Mode

Even when the device is off, ECO mode is switched to by pressing the ECO button. In ECO mode, the air conditioner automatically sets the SET temperature to 26°C. After 8 hours, it will automatically exit ECO mode and switch to normal cooling mode. It is not recommended to use the 26°C energy saving (ECO) mode when the outdoor temperature is very high.

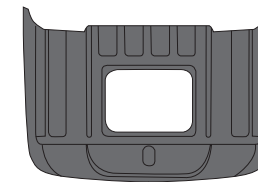
Voltage Display

If the VOLTAGE button is pressed while the air conditioner is on, the battery voltage is displayed on the control panel display with a red V icon. After 5 seconds, the V icon disappears and the display returns to the previous mode.

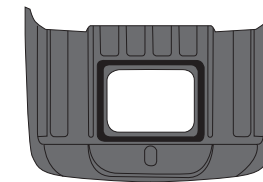
Replacing Remote Control Batteries

- The remote control is powered by two AAA batteries.
- Open the battery cover.
- Insert two new batteries, paying attention to the "+" and "-" signs in the battery compartment.
- Close the cover.

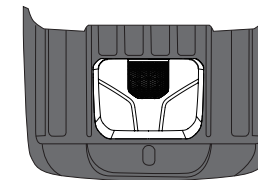
Assembly Summary



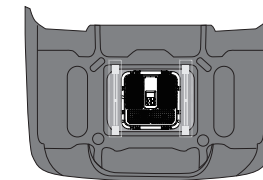
Clean the area around the sunroof window on top of the vehicle.



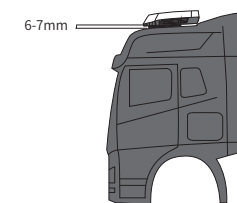
② Paste the sealing sponge around the sunroof window



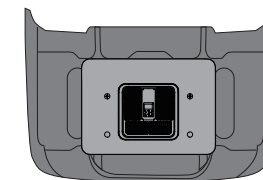
③ Place the outdoor air conditioning unit inside the window



④ Connect metal connecting rods



⑤ After installation, the thickness of the sealing insulation sponge should be 6-7 mm.



⑥ Install the mounting frame on the indoor unit

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