

INDEX

- 18 / Safety Precautions
- 19 / Packing List / Getting Familiar with the Product
- 20 / Getting Started
- 21 / How It Works
- 25 / Using, Replacing and Resetting the Multi-purpose
Compound Filter
- 26 / Air Quality Indicator Instructions
- 27 / Bluetooth Connection and Apps
- 28 / Specifications
- 29 / FAQs on Troubleshooting

Preface

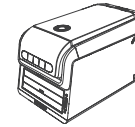
Thank you for choosing LUFTMED Air Purifier from Germany! To ensure the best performance of this product, please spend a few minutes reading this Manual to get familiar with the operations.

Safety Precautions

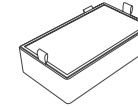
- ⦿ Never use this product when smoking in a vehicle or an enclosed environment, as PM2.5 of high concentration or thick smoke odor cannot be cleared away in a short time, which will thus be hazardous to your health.
- ⦿ Do not use this product in hot, moist or wetting places like bathrooms.
- ⦿ To avoid electric shock or fire, do not clean this product with water or any liquid or flammable cleanser.
- ⦿ Before connecting this product to the power supply, make sure that its rated voltage matches that of the vehicle or local mains.
- ⦿ Never disassemble or refit this product or its components by yourself, otherwise it may lead to failure or fire. In case of any failure, contact your local designated maintenance stores to arrange repair.
- ⦿ It is necessary to use the standard accessories provided by the manufacturer.
- ⦿ To avoid accidents, prevent children from playing with or using this product.
- ⦿ Do not jam the airflow intake or outlet.
- ⦿ Never insert any object to the protection grille, airflow intake or outlet.
- ⦿ Unplug the vehicle charger/power adapter if this product is idle for a long time.
- ⦿ Do not overly tweak, bend or twist the supply cord, otherwise the core wires may be exposed or broken.
- ⦿ To prevent internal condensation, do not use this product in a vehicle/room with significant temperature changes.
- ⦿ Do not place this product directly under an air conditioner, otherwise condensed water might drop onto this product.
- ⦿ Please make sure that all the filters are correctly installed before turning on this product.

Packing List

Main Unit x1 Multi-Functional Filter x1 Remote Control x1 Car Charger x1 Power Adapter x1
User Manual x1 Warranty Card / Quality Certificate x1



Main Unit



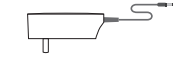
Multi-Functional Filter



Remote Control Transmitter

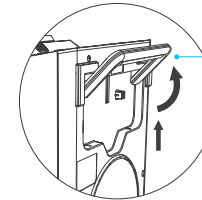


Car Charger (L: 1.8m)

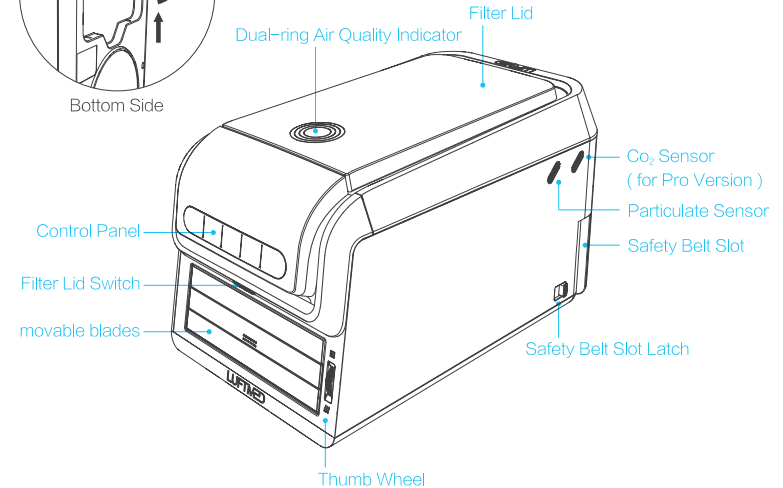


Power Adapter (L: 1.5m)

Getting Familiar with the Product

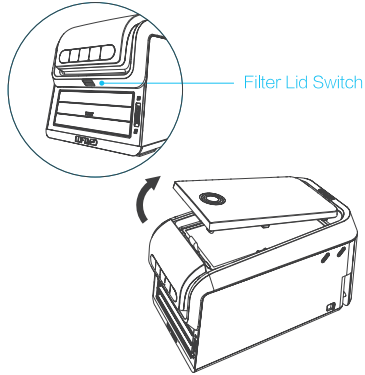


Bottom Side



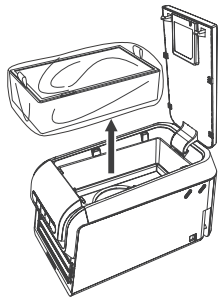
Getting Started

1. Place the product horizontally. Before turning on the power, push the filter lid switch, and the filter lid will pop out automatically.

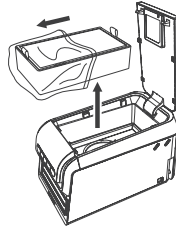


⚠ Important Note: When the product is placed vertically, please open the lid meanwhile hold it by hand. Never push the lid switch without holding the lid, otherwise the lid will slam down too quickly.

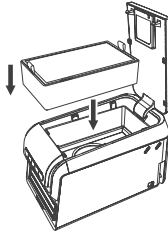
2. Pull up the fabric belts on both ends of the filter by hand, and then take out the filter.



3. Remove the moisture-proof package of the filter

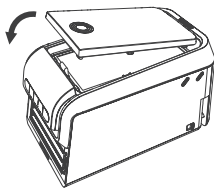


4. Insert the filter to the unit (with the fabric belts upward), press both ends of the filter frame by hand, so that the filter evenly contacts the bottom.



5. Close the lid and make sure the buckle snaps.

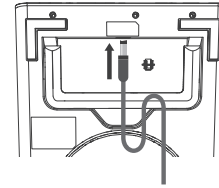
After completion of initial installation of the filter, turn on the power, and the unit will beep and standby.



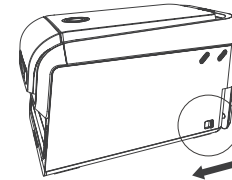
How It Works

Properly placing the unit in the middle of the vehicle back seat

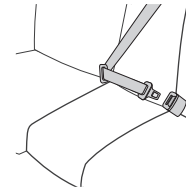
7. Insert the DC plug of the vehicle charger to the power socket of the unit, clamp the DC cord into the clip and fix its direction.



2. Place the unit horizontally and open the safety belt latches on both sides of the unit.

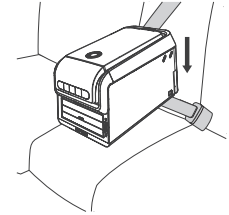


3. Buckle up the safety belts of the seats. Note: Please be sure that the seats are equipped with standard vehicle safety belts.

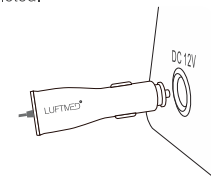
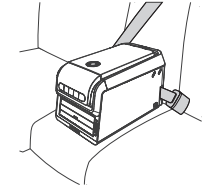


4. Lift the unit and clamp the waist belt into the safety belt slot.
- ⚠ Important Note:** Make sure that the vehicle power supply is 12V and never plug the unit into a 24V vehicle power socket! If you are not sure about the vehicle power supply, please consult the vehicle manufacturer.

5. Adjust the length and tightness of the safety belts, make sure that the unit is stably fixed on the seat, and then buckle up the safety belt latch.



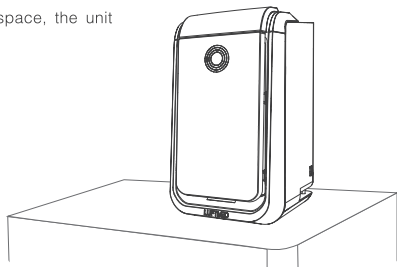
6. Plug the vehicle charger into the cigarette lighter socket, then the installation of the unit in the vehicle is completed.



How It Works

Properly placing the unit on the table

To better use this product and save space, the unit may be placed vertically.



Functions of the Buttons



Professional Version



Standard Version

Power/Auto Button Indicator	Unit Standing by: Red Unit Running: Green.
Bluetooth/Children Lock Button Indicator	Bluetooth Activated: White (for Pro Version) Children Lock Activated: White (for Std Version)
AIT Button Indicator	Activated: Green
Manual Airflow Speed Indicator	Slow: Dark Blue Medium: Blue Fast: Bright Blue
Extreme Airflow Indicator	Activated: Bright Blue

How It Works



Power/Auto Button:

Once powered on, the unit will turn to the automatic mode which has 7 airflow speeds, accurate and eco-friendly to remove the particles of various sizes in the environment. To switch the unit to standby, pushing the power button in the automatic mode and push the power button twice in the manual mode.



Bluetooth/Children Lock Button (for Pro Version):

Single push to activate/deactivate the Bluetooth connection; long press for 3 seconds to activate/deactivate the Children Lock.

Note 1: Activation and deactivation of Bluetooth/Children Lock will not be affected in the standby mode.

Note 2: Commands of the remote control and the mobile phone Apps are not limited by the Children Lock.



Children Lock Button (for Std Version):

Long press for 3 seconds to activate/deactivate the Children Lock.

Note 1: Activation and deactivation of Children Lock will not be affected in the standby mode.

Note 2: Commands of the remote control are not limited by the Children Lock.



AIT Button:

Single push to activate/deactivate the AIT function.



Manual Airflow Speed Button:

Single push to switch among low, medium and high airflow speed in sequence.

Note: After running in the manual airflow mode for consecutive 40 minutes, the unit will automatically switch to the automatic mode.



Maximum Airflow Speed Button:

Single push to activate the maximum airflow speed mode, which is the highest running speed of the unit.

Note: After running in the maximum airflow speed mode for consecutive 20 minutes, the unit will automatically switch to the automatic mode.

Node: Automatic start-up/shut off on 10 seconds after power on.

Hold  1 second and then click  together.

How It Works

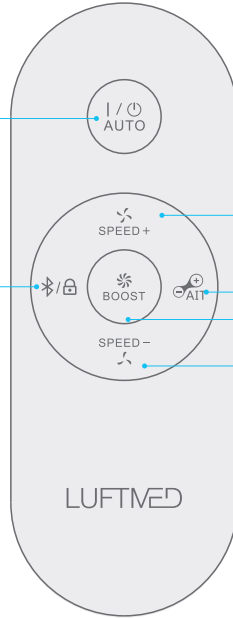
Remote Control Pro Version

Power/Auto Button

Note: When the unit is running, long press this button to enter standby mode.

Bluetooth/Children Lock

Note: Long press this button for 3 seconds to activate/deactivate the children lock.



Manual Airflow Speed +

Note: Push this button the first time for medium airflow speed.

AIT

Maximum Airflow Speed

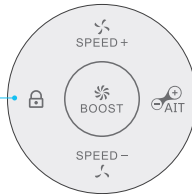
Manual Airflow Speed -

Note: Push this button the first time for low airflow speed

Remote Control Transmitter Std Version

Children Lock

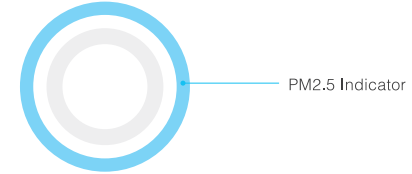
Note: Long press this button for 3 seconds to activate/deactivate the children lock.



Using, Replacing and Resetting the Multi-Functional Filter

Indication of service life of the Multi-Functional Filter

When the unit is running, the PM2.5 Indicator blinking slowly means the service life of the filter has 15% remaining.



Important Note: When the service life of the filter is lower than 15%, please replace it with a new one to avoid pausing of the product due to depletion of the filter.

When the service life of the filter is 0% (depleted), the unit remains standby and cannot be turned on. When pushing the power button, the PM2.5 Indicator blinks four times and beeps to indicate that the unit may only be turned on after replacing and resetting the filter.

Replacing and Resetting the Multi-Functional Filter

1. In the standby status, open the lid and take out the old filter.
⚠ Important Note: When the product is placed vertically, please open the lid meanwhile hold it by hand. Never push the lid switch without holding the lid, otherwise the lid will slam down too quickly.
2. Replace with a new filter (refer to "Getting Started").

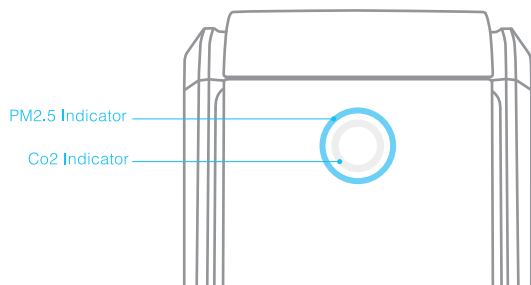
3. When the lid is open, long press the  for 3 seconds, until the unit beeps.

4. When the lid is close, long press the  for 3 seconds until the unit is turned on to complete replacing and resetting the filter.

Note: The power button on the remote control transmitter may substitute the power button on the unit to operate the process of replacing and resetting the filter.

⚠ Important Note: The multi-purpose compound filter is not washable with water. When necessary to cleanse the primary filter media, please use a vacuum cleaner.

Air Quality Indicator Instructions



PM2.5 Display Level

Blue: 0-39ug/m ³	Particle concentration: Good
Green: 40-99ug/m ³	Particle concentration: Average
Purple: 100-159ug/m ³	Particle concentration: Light-to-medium pollution
Red: >159ug/m ³	Particle concentration: Heavy pollution or worse

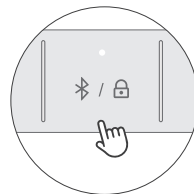
CO₂ Display Level (for Professional Version)

White: 0-799ppm	CO ₂ Concentration: Fresh air
Green: 800-1499ppm	CO ₂ Concentration: Turbid air to a certain degree, making people drowsy
Red: >1499ppm	CO ₂ Concentration: Low oxygen content in the air, leading to symptoms like drowsiness, stagnancy or inattention.

Note: While turned on or standing by, the unit will make warning sounds at the interval of 3 minutes when the CO₂ concentration reaches 1600ppm, and stop the warning sounds when the CO₂ concentration falls below 1600ppm.

Bluetooth Connection and APP (For Pro Version)

1. Activate Bluetooth on the Main Unit.



2. Scan the QR Code with a mobile phone, enter the App page and download and install the App Client.



3. Run LUFTMED, click "Your Device " and choose "CV- T100 Pro"



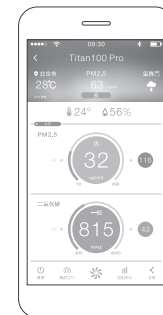
4. Connect the unit step by step



5. After successful connection, click into the product control page.



6. Enjoy the professional experience from CV-T100 Pro



Specifications

Product:	TITAN Pro Version Car / Desktop Air Purifier	TITAN Std Version Car / Desktop Air Purifier
Model:	CV- T100P	CV- T100S
Main Unit Dimension (cm)	L:34 W:20,4 H:21	
Rated Voltage:	DC12V	
Rated Power:	28W	
CADR for Particles:	103.7 m ³ /h	
CADR for Formaldehyde:	15m ³ /h	
CADR for Toluene:	15m ³ /h	
Maximum Noise:	Sound pressure level 52dB ; Acoustial power 60dB	
Minimum Noise:	Sound pressure level 31dB ; Acoustial power 38dB	
Applicable Area:	6 m ² - 9 m ²	

Note 1: The above performance data are acquired in a 30 m³ testing chamber by a third-party laboratory according to the national standard GB/T18801-2015.

Note 2: All the filters used for testing by: MF-T1H2 Multi-Functional Filter

FAQs on Troubleshooting

The product cannot be turned on?

Check if the supply cord is properly connected (when normally powered, the product will conduct self-test and beep).

Check if the power supply matches the rated voltage of the product.

Check if the filter lid is properly closed.

The product is running too noisily with crackle sound?

Check if the filter is installed.

Check if the package of the multi-purpose compound filter has been removed.

No airflow or small airflow when the product is running?

Check if the airflow intake is jammed.

Check if the movable blades of the airflow outlet are open.

Low effectiveness against odors?

Check if the filter is approaching the end of service life.

Check if the floor space of your using space exceeds the coverage space shown on the specifications of the product.

Do not use this product in an enclosed environment with smog or strong pungent odors, as this product is not suitable for serious air pollution.

保修卡 / WARRANTY CARD

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To assure continued compliance, any changes or modifications not expressly approved by the party.

Responsible for compliance could void the user's authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices).

This equipment complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

RF warning statement:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.