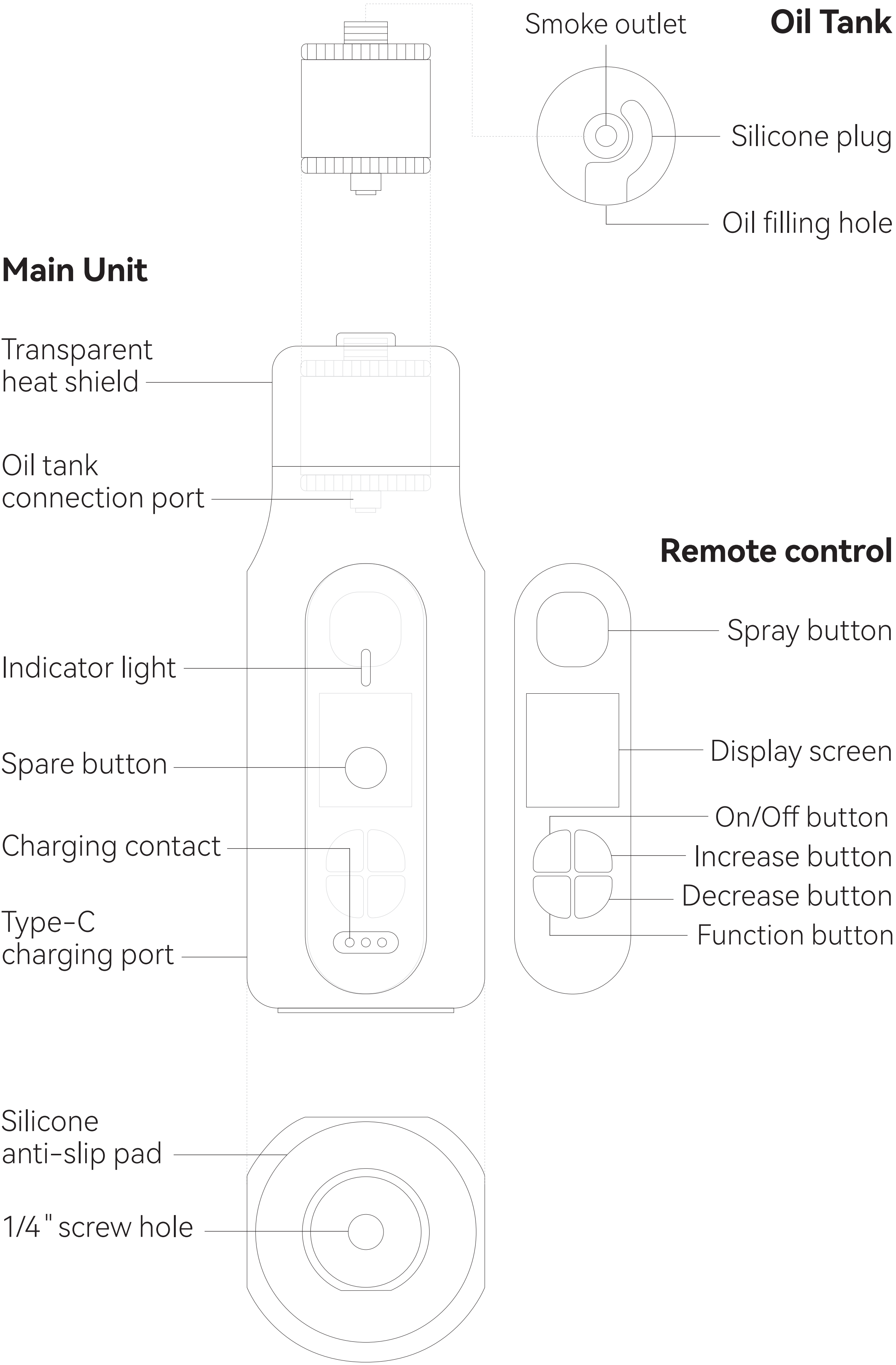# Product Description

1. Product Introduction

Portable Fog Machine is a tool for creating smoke effects in photography. Steam is generated by heating food-grade glycerin, and then the glycerin steam is pressurized and sprayed to form smoke. The use scenarios include:

- Creating atmosphere: In some special scenes, such as weddings, celebrations, parties, live broadcasts and other places. The Fog machines can help create a more romantic and warm atmosphere.

- Film and television shooting: In film and television shooting, the fog machine can create a unique atmosphere and effect for portraits, still life, and advertisements, enhancing the quality and visual appeal of the works.

- Creative shooting: By setting different smoke concentration gears and wind speed gears, combined with Telesin smoke machine accessories, Users can create various smoke effects such as thick fog, dry ice, steam and so on to meet the creative shooting needs of photography projects.

This product is equipped with a colour screen remote controller, which can be used to achieve remote spray control.

2. Product Schematic

Oil Tank

Smoke outlet
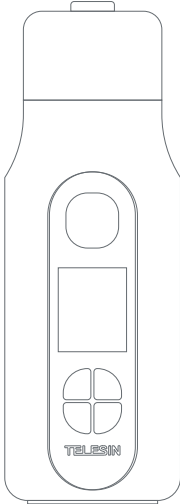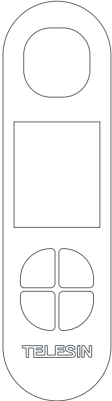
Silicone plug

Oil filling hole

Main Unit

Transparent heat shield

Oil tank connection port

Indicator light

Spare button

Charging contact

Type-C charging port

Silicone anti-slip pad

1/4 " screw hole

Remote control

Spray button

Display screen

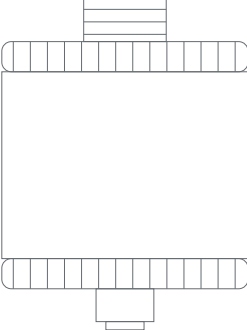On/Off button

Increase button

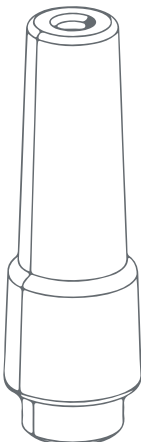Decrease button

Function button

3. Product Parameters

Product name: Telesin Portable Fog Machine
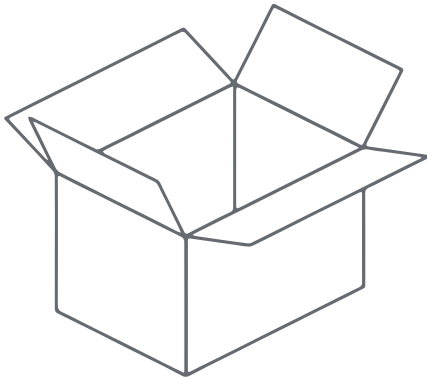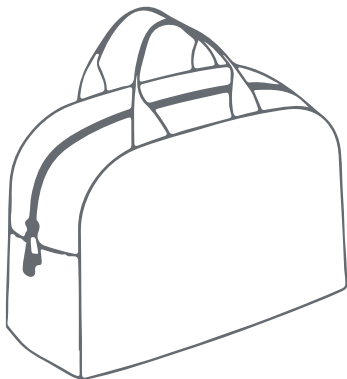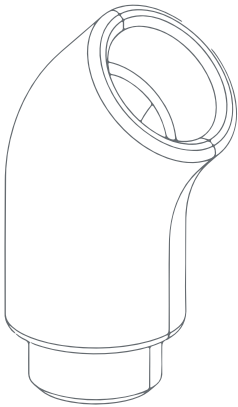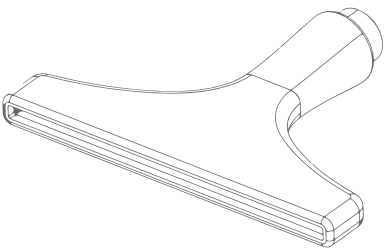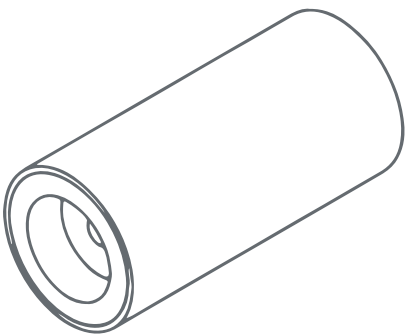
Basic Specifications of Main Unit	
Size	Length: 58mm, Width: 60mm, Height: 164mm
Weight	300g
Hardware Interface	Type-c*1 -
Structural Interface	Bottom 1/4 "screw hole -
Power Supply	Built-in 7.2 V/2500mAh 18650 battery pack
Shell Material	Plastic
Surface Technique	Material + texture -
Number of Buttons	1 -
Control Method	Remote control, 2.4GHz, remote distance 10 m
Maximum Working Power	40W -
Smoke Level - -	36 levels, 6 levels for smoke concentration adjustment * 6 levels for smoke air volume adjustment
Charging Parameter	10 W, 5V/2A (Type-C input) -
Charging Time	≤ 2.5 hours
Operating Temperature	5℃~45℃

Basic Specifications of Remote Control

Size	Length: 26mm, Width: 10mm, Height: 98mm
Screen Specification	1.06" TFT color screen
Operating Frequency	2.4 G (remote control automatic pairing with the main unit)
Remote Control Distance	10m
Pairing Method	Automatic pairing when the remote control is installed in the main unit
Battery Parameter (remote control)	3.7 V/200 mah polymer battery
Charging Parameter (remote control)	5V/0.15 A, automatic charging when the remote controller is installed in the main unit
Number of Buttons	5

Basic Specification of Oil Tank

Size	Diameter: 30mm, Height: 28mm, Capacity: 10mL
Ingredient	Stainless steel+glass
Single Spray Time	Full load endurance > 8 minutes (maximum operating power)

Basic Specification of atomization liquid

Size	Diameter: 32mm, Height: 135mm, Capacity: 60mL
Ingredient	Vegetable glycerin + Propylene Glycol (VG+PG), food-grade, safe and non-toxic

4. Packing List

Name	Configuration	Illustration	Quantity	Specification
Main Unit	Standard		1	Built-in 7.2 V/2500mAh 18650 battery pack
Remote Control	Standard		1	1.06" TFT color screen, build-in 3.7 V/200 mAh 0.74 Wh polymer battery
Oil Tank	Standard		1	
Atomization Liquid	Standard		1	
Type-C Charging Cable	Standard		1	
Instruction Manual	Standard		1	

Name	Configuration	Illustration	Quantity	Specification
Color box	Standard		1	
Portable Box	Standard		1	
Straight Tube	Standard		1	Diversion increases the speed of smoke ejection.
Bend Tube	Standard		3	Adjusts the direction of smoke ejection.
T-Tube	Standard		1	used to create large area smoke effects.
Nozzle Cotton Cover	Standard		2	Connects to straight or bend tubes, used for creating dry ice effects.

Operation Guidance

1. Preparation for Use

(1) Unpacking the Product

- Please open the package to confirm whether the product appears to be damaged.
- Please check whether the accessories in the box are complete. If any are damaged or missing, do not use the product and contact customer service immediately.

(2) Installation of the oil tank

- Before using the Oil Tank, please open the silicone plug above the oil tank. Inject the atomizing liquid from the oil filling hole (Please be careful not to add the atomizing liquid to the smoke outlet), and plug in the silicone plug.
- Screw the oil tank clockwise into the oil tank connection port of the main unit. Do not use excessive force. After successful installation, the display screen will indicate that the oil tank is connected.
- It is recommended to wait for 2 minutes after adding the atomizing liquid for the first time.

### (3) Instructions for use and pairing of remote control

- The remote control can be attached to the main unit for use, or detached for remote operation.
- Press the power button, and the remote will automatically connect with the main unit.
- If the display shows that the remote control connection is unsuccessful, try restarting the unit to restore the connection.
- If you need to replace the remote control, there is no need to re-pair it; simply attach the new remote control to the main unit and turn it on to pair it with the main unit.

(4) Description of Main Unit Spare Button

- When the remote controller is not used, the smoke can also be controlled by using the [standby button] on the main unit.
- Press and hold the [Spare button] for 3 seconds to start the machine, short press the [Spare button] to start spraying, and press it again to stop the spray.

2. Description of main unit indicator light

Main Unit Status	Indicator light status
Power-on	Press and hold the spare button for 3 seconds to turn on, and the white light is always on.
Power-off	Press and hold the spare button again for 3 seconds to turn off, and the white light is always off.
Charging	When charging, the white light is in the breathing state; when fully charged, the white light is always on.
Low battery status	When the battery is too low, the red light is always on.
Abnormal mention	In case of an abnormal status, the red light flashes.
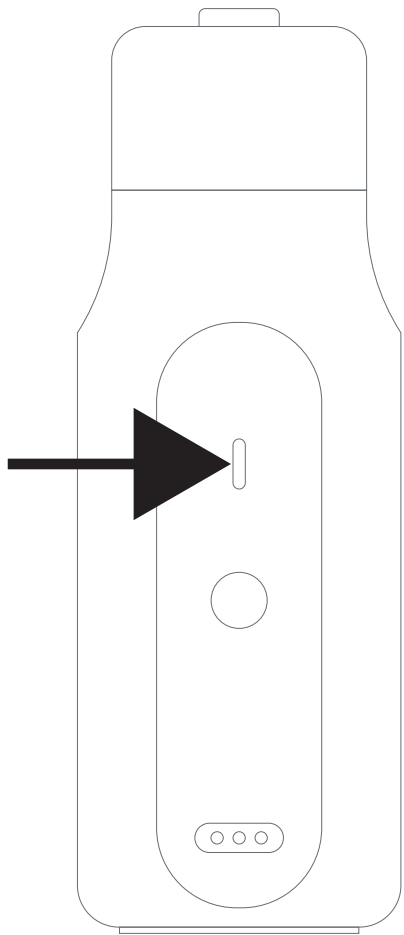
3. Description of remote control display status

Status Icons	Function Meaning	Detailed Description
Oil Tank Connected	Alert of Connected Oil Tank	Displays this page when the oil tank is detected to be connected.
Oil Tank Unconnected	Alert of Unconnected Oil Tank	Displays this page when the oil tank is not connected, and the main unit cannot start spraying.
Oil Tank Mismatch	Oil Tank Mismatch Prompt	Displays this page when an oil tank does not match, and the main unit cannot start spraying.

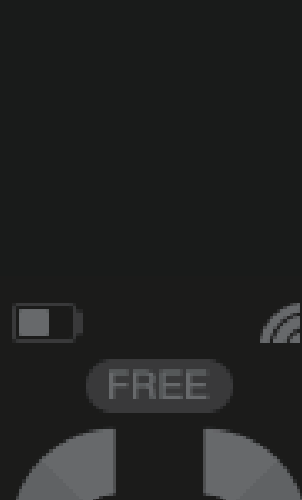| Status Icons	Function Meaning	Detailed Description
Oil Tank Overheating	Oil Tank Temperature Excessive Warning	Displays this page when the oil tank temperature is too high. The main unit stops operating and spraying. The warning page stays on for 2 minutes, and then it switches to the normal Free mode page. No other spray operations can be performed during the warning page display except turning off the device. At this time, check the remaining amount of the atomized liquid in the oil tank; if the remaining is normal, please wait for the oil tank to cool down before using again.
Machine Overheating	Oil Tank Temperature Excessive Warning	Displays this page when the device temperature is too high. The main unit stops operating and spraying. The warning page stays on for 2 minutes, and then it switches to the normal Free mode page. No other spray operations can be performed during the warning page display except turning off the device. At this time, check the remaining amount of the atomized liquid in the oil tank; if the remaining is normal, please wait for the device to cool down before using again.
	Low Battery of Main Unit	Display this page When the battery of the main unit is low, press and hold the [On/Off button] for 3 seconds, and then automatically shut down.
	Charging Status Display	When the main unit is charging, the remote control display screen shows a charging icon, which is always on, and the main unit's indicator light is in a white-breathing state until the charging is complete. During charging, the main unit allows spraying operations (at concentration level 1 and airflow level 1, with no adjustments allowed). Press the on/off button of the remote controller to start the device and enter the main interface.

4. Description of remote control interface

Icons	Function meaning	Detailed Description
TELESIN	Welcome Screen	Press and hold the power button for 2 seconds to display the welcome screen, then proceed to the main operating interface.
FREE 50S	Main operation interface	Power on/off: When the remote is placed on the main unit, press and hold the [Power on/off button] for 3 seconds to enter the main operating interface after the 2S welcome interface is displayed. The select button defaults to the mode cursor, and the spraying mode can be adjusted by pressing the [Increase/Decrease Button]. The initial mode is set to Free. Pressing the [Increase/Decrease Button] cycles through the modes: Free, Steam, Fog, and Dry Ice. Press the [Select Button] again to select the time cursor, and adjust the spraying time through the [Increase/Decrease Button], starting from --s, with no time limit initially set. Press the [Increase/Decrease Button] to adjust the time in increments or decrements of 5 seconds, up to a maximum of 500 seconds. After setting the time, press the [Spray button] once to continue spraying; Short press the [Select Button] again to select the smoke cursor, and adjust the smoke output concentration using the [Increase/Decrease Button], with 6 levels available; Short press the [Select Button] again to select the wind speed cursor, and adjust the wind speed using the [Increase/Decrease Button], with 6 levels available; Start/stop spray: Press and hold the [Spray Button] to spray, and release it to stop; double click to continue spraying, and press again to stop.

Icons	Function meaning	Detailed Description
	Main Unit Battery Icon	When not charging, the icon indicates the battery level of the main unit.
	Remote Control Connection Icon (Connected)	While the remote control is connecting, the white icon blinks; When the remote control is connected, the white icon stops blinking and is always on.
	Remote Control Connection Icon (Not Connected)	When the remote control is disconnected, the red icon is always on.
	Smoke Concentration Adjustment	A total of 6 levels of smoke concentration settings.
	Wind Speed Adjustment	A total of 6 levels of wind speed settings.
	Continuous Spraying Time Setting	Initial value --s, no set continuous spraying time initially. Pressing the [Increase/Decrease Button] adjusts the time in 5-second increments or decrements. Long pressing the [Increase/Decrease Button] will rapidly increase or decrease the value, with a maximum continuous spraying time of 500 seconds. After setting the spray time, press the [Spray Button] to start a countdown timer, which stops spraying when it reaches zero and shows --S.

Icons	Function meaning	Detailed Description
	Mode Adjustment -- Free Mode	Short press the [Select Button] to select the mode cursor, and switch to the free mode using the [Increase/Decrease Button], with preset concentration at level 1 and wind speed at level 1, adjustable presets. Short press the [Select Button] to select the time cursor, default initial value --s, no set continuous spraying time initially. Pressing the [Increase/Decrease Button] adjusts the time in 5-second increments or decrements, and long pressing the [Increase/Decrease Button] will rapidly increase or decrease the value, with a maximum continuous spraying time of 500 seconds. Short press the [Select Button] again to select the smoke cursor, and adjust the smoke output concentration using the [Increase/Decrease Button], with 6 levels available; Short press the [Select Button] again to select the wind speed cursor, and adjust the wind speed using the [Increase/Decrease Button], with 6 levels available; Start/stop spray: Press and hold the [Spray Button] to spray, and release it to stop; if the spraying time is set, short press the [Spray Button] to start a countdown timer, which stops spray when it reaches zero and shows --S.
	Mode Adjustment -- Steam Mode	Short press the [Select Button] to select the mode cursor, and switch to the steam mode using the [Increase/Decrease Button], with preset concentration at level 1 and wind speed at level 6, adjustable presets. Start/stop spray: Press and hold the [Spray Button] to spray, and release it to stop; if the spraying time is set, short press the [Spray Button] to start a countdown timer, which stops spray when it reaches zero and shows --S.

Icons	Function meaning	Detailed Description
FOG 50S	Mode adjustment -- Fog Mode	Short press the [Select Button] to select the mode cursor, and switch to the fog mode using the [Increase/Decrease Button], with preset concentration at level 6 and wind speed at level 6, adjustable presets. Start/stop spray: Press and hold the [Spray Button] to spray, and release it to stop; if the spraying time is set, short press the [Spray Button] to start a countdown timer, which stops spray when it reaches zero and shows --S.
DRY ICE 50S	Mode Adjustment -- Dry Ice Mode	Short press the [Select Button] to select the mode cursor, and switch to the dry ice mode using the [Increase/Decrease Button], with preset concentration at level 6 and wind speed at level 1, adjustable presets. Start/stop spray: Press and hold the [Spray Button] to spray, and release it to stop; if the spraying time is set, short press the [Spray Button] to start a countdown timer, which stops spray when it reaches zero and shows --S.

Safety Tips

- Before using this product, please carefully read and comply with the safety outline and read the instruction manual to ensure this product's correct and safe use.
- When used indoors, please control the amount of smoke to avoid excessive smoke concentration and trigger the smoke alarm.
- Store the machine in a place where children, pets and people who are sensitive to smoke can not reach.
- Do not use the machine in a combustible environment such as a gas station.
- Do not block or insert foreign objects into the smoke outlet during use to avoid damaging the product.
- Do not use the product upside down for a long time.
- Before use, place a transparent heat shield on the main unit

to avoid burns.
- After high power or a long time use, allow the oil tank to cool down before touching it to avoid burns.
- Do not add other liquids to the oil tank.
- Do not drink the atomized liquid; please consult a doctor immediately when accidentally drinking; if the atomization liquid accidentally contact with eyes, please flush with plenty of water.
- Do not disassemble or repair the machine.

Maintenance and Care

- When adding atomizing liquid to the oil tank for the first time, it is recommended to wait for 2 minutes before using it.
- Pay attention to the remaining amount of atomizing liquid in the oil tank and avoid exceeding the oil level warning line. Dry burning of the oil tank will shorten the product's service life.
- After prolonged use of the oil tank, the spraying effect may be impacted; it is advisable to replace it regularly.
- Please use the original atomizing liquid to ensure the normal operation of the machine and extend the service life of the oil tank.
- Please keep the machine dry and do not use it in a humid environment.
- Do not use in high–temperature environments.
- Store the product in a dry environment when not in use.
- Do not store the battery for a long time after it has been completely discharged, to prevent it from entering a deep discharge state and causing damage to the battery cells. Charging the machine once every three months is recommended to extend the battery life.

Product Certification
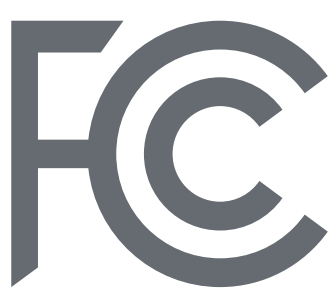
FCC Caution

15.19 Labelling requirements.
This device complies with part 15 of the FCC Rules.
Operation is subject tthe following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any infterference received, including interference that may cause undesired operation.
15.21 Information to user.
Any Changes or modifications not expressly approved by the partyresponsible for compliance could void the user's authority to operate the equipment.
15.105 Information to the user.
Note: This equipment has been tested and found to comply with the limitsfor a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection againarmful 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. Howvever, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harnnful 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 differentt from that to which the receiver is connected.
–Consult the dealer or an experienced radio/TV technician for help.
* RF warning for Portable device:
The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

IC Caution

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:
(1) This device may not cause interference;
(2) This device must accept any interference, including interference that may cause undesired operation of the device.
The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux apparei ls radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:
(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radicpélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionneement.
L'appareil a été évalué pour répondre aux exigences généralesd'exposition Rf. L'appareil peut être utilisé dans des conditions d'exposition portables sans restriction.

Disclaimer

Please read this statement carefully and by using this product you will be deemed to have acknowledged and accepted it in full. Please check the product carefully before each use and do not use it if damaged or deformed. By using this product, you acknowledge and agree that you are fully responsible for your actions and the possible consequences of using this product.You undertake to use this product only for legitimate and lawful purposes. You understand and agree that Telesin Digital Co.,Ltd ("Telesin") shall not be liable for any misuse, adverse effects, damages, injuries, penalties or other legal consequences arising directly or indirectly from the use of this product. The user should follow the precautions including but not limited to those mentioned herein. To the extent Telesin reserves the right to interpret and modify this commitment within the limits of national laws and regulations.
*The warranty period for TELESIN products begins 6 months on the day you receive the product.