

front



Instruction Manual

IMPORTANT: Please read these safety instructions and user manual carefully before using this product.

Safety Instructions

This manual contains instructions that should be strictly followed not only for optimal use, but to prevent any injuries to yourself, other persons or properties. Please read the entire manual and understand the meaning of the following symbols.

- Warning** Negligence could lead to serious injury or death.
- Caution** Negligence could lead to an injury, damage of your property, or cause loss of created data.
- Prohibition** Denotes "What you must not do." An indication in or near this symbol shows a specific prohibition.
- Instruction** Denotes "What you must do." An indication in this symbol shows a specific instruction.

Warning

- Keep Your Child Safe from this product.** To avoid injuries.
- DO NOT damage, unnecessarily bend, pull or bind the USB cable.** To avoid short circuit or electric shock.
- Never use with inflammable spray (e.g. compressed air)** High pressured gas may lead to fire and explosion.
- Insert the USB connector thoroughly.** To avoid fire or electric shock.
- DO NOT splash water on this product.** To avoid short circuit or electric shock.
- DO NOT touch the USB connector or cable with wet hands.** To avoid electric shock.

1c/1c W270xH115

Name of Parts

FRONT (Sterilization Tray Removed)

Control Panel, Air-Outlet (Ozone·-Ion)

BACK

Air-Intake, Sterilization Tray, USB (type-C)

Control Panel

Mode Indicator, Function Indicator, Timer, Power Button, Mild Sterilization Button, Strong Sterilization Button, Air Sterilization Button

- Do not attempt to repair the machine yourself.** To avoid injuries.
- Never direct the light beam into the eyes or to the skin.** To avoid injuries.
- Do not put or cover the air-intake or outlet with your finger or foreign objects.** To avoid fire, electric shock or malfunction.
- DO NOT use AC adapter with electric current or voltage other than specified input (DC5V·2A).** To avoid fire, electric shock or malfunction.

about Air Sterilization

- Please do not use in a closed area which is poorly ventilated.
- The recommended coverage area is from 5~30m². Please check the area of the room before use. It may be hazard to humans or pets and may cause damage to property if it is not used correctly.
- When the product is used near small animals, please pay attention to their condition.
- Materials which are easily oxidized could be aged faster when they are kept too close to this product.
- Please stop using this product and facilitate ventilation if you feel unwell such as headache or suffocation etc.
- People who has medical history related to asthma, please consult your physician before use.
- Please use at least 30cm away from the air-outlet. (Please do not block the air-outlet of the machine.)
- Do not use in places with oily smoke, flammable gas or metallic dust. It may cause fire or smoke.

about Abnormalities and Malfunction

- Stop using the machine and unplug the USB cable from the machine immediately. If the machine produces smoke, odor or noise, or water and foreign object is entered into the machine, stop using the machine immediately and unplug the machine. Continue using the machine may cause smoke, fire, electric shock or other hazard result.

Caution

- DO NOT place the machine under sunlight or high temperature.** To avoid fire or deterioration.
- DO NOT place the product on unstable surface** To avoid injuries.
- DO NOT place near TV or radio.** To avoid disruption to sounds and images.
- Turn the phone or device off during sterilization.** To avoid unexpected malfunction of the objects.
- Unplug the USB cable when not in use.** To avoid electric shock or fire.
- DO NOT wipe with paint thinners, ligroin, or pesticides** To avoid short circuit, electric shock or fire hazard.

back

Operation Instructions

Precautions to Ozone

A special smell of ozone is normal. In rare cases, you may feel uncomfortable such as headache. This behavior varies from individuals. In this case, please stop using the machine immediately and facilitate ventilation. (See Table 1 for the effects of various ozone concentration to human)

Ozone Concentration (ppm)	Effect
0.01	Odor Sensitive Person could feel the smell of ozone.
0.02	Feel the smell of ozone (will get used to it).
0.06	Environmental standard concentration of photochemical oxidant (MOE Japan*)
0.1	Feel strong ozone odor, irritates nose and throat. Tolerable concentrations in the working environment (JSOH**).

*MOE Japan=Ministry of the Environment Government of Japan **JSOH=Japan Society for Occupational Health

Connecting to Power

- Insert the connector of USB (type-C) to the port at back of the main unit.
- Insert the other side of the connector, USB (type-A), to the port of the power supply such as power adaptor or PC USB port.

Caution

DO NOT use AC adapter with electric current or voltage other than specified input (DC5V·2A).

Sterilizing Objects

Mode	Time	Function	Purpose
除菌-強 Strong Sterilization	30 min	UV light: 30 min irradiation Ozone : 30 min blow (in sterilizing tray)	Sterilizing objects in sterilization tray (Non-UV sensitive objects: Metal, Wood, etc)
除菌-弱 Mild Sterilization	30 min	UV light: 10 min irradiation Ozone : 30 min blow (in sterilizing tray)	Sterilizing objects in sterilization tray (UV sensitive objects: Plastic, Leather, etc)

Caution Material such as plastic or leather which are UV sensitive may age faster when they are sterilized by UV.

(continuation of "Sterilizing Objects")

- Pull the Sterilization Tray out. Put your object to be sterilized into the tray. Return the Sterilization Tray to the main unit.
- Press the Power Button.
- Select "除菌-強"(Strong Mode) or "除菌-弱"(Mild Mode), by pressing the respective button. The Mode Indicator will be luminated and the sterilization will be started. The Timer will show the remaining time. (At the same time, the Function Indicator of UV and Ozone will be luminated)
※ To remove the tray from the main unit during operation, press the "PAUSE" button. The sterilization process will be completed in 30 minutes. When the process is finished, the Timer will display "0" and the power will be cut off automatically.

★ Air Sterilization

Mode	Time	Function	Purpose
空気除菌 Air Sterilization	8 hours	Ozone: Repeats 8 times of 15 min blow per hour. - ion : 8 hours blow.	Sterilizing air by emitting Ozone and -ion from Air-Outlet.

- Press the Power Button.
- Press the "空気除菌" (Air Sterilization) Button. The Mode Indicator on "Air Sterilization" button will be luminated. Ozone and -ion are emitted from the Air-Outlet, and the Air Sterilization will be started. Remaining time is indicated on the Timer ("hour" is indicated as "h"). (While emitting Ozone and -ion, the Ozone and -ion Function Indicator will be luminated.) The Air Sterilization process will be completed in 8 hours. When the process is finished, the Timer will display "0" and the power will be cut off automatically.

Maintenance

Cleaning the Main Unit

- Wipe gently with a dry cloth.
- To remove persistent dirt, wipe the main unit with slightly dampen cloth with water or detergents (neutral pH). Wipe with a dry cloth afterwards.
- Do not use any cleaner containing benzene, thinner or alcohol.
- Remove dust accumulated in the Air-Outlet and Air-Intake too.

Troubleshooting

The table below assists you to solve some common problems. If the problem still persists, contact your dealer or customer service center.

Phenomenon	Possible Cause	Solution
Not Working (No LED Indicator luminates)	• Power off • The power supply cable is disconnected.	→ Press the "Power Button" to turn on. → Insert the USB connector into the port thoroughly.
Not Working (LED Indicator luminates)	• Sterilization Tray is not installed completely.	→ Install the Sterilization Tray into the main unit completely.
Does not feel deodorant effect (no ozone smell)	• The Air-Outlet or Air-Intake is blocked. • Strong source of odor exists.	→ Remove the obstacle from the Air-Outlet or Air-Intake. → Remove the source of the odor.

Specifications

Item No.	DK01
Input Power	DC5V 2A
Power Consumption	Max. 6W
Power Jack	USB Type-C (For power supply)
Dimension	W280xD96xH180 mm
Tray Size	W221xD96xH122 mm※Rib structure inside
Weight	800g (without USB cable)
UV wavelength	UV-C 254nm
Ozone Level	Max. 3mg/h
Recommended Coverage	5~30m ²
Operation Temperature	0~40°C (Do not make condensation)
Accessories	USB cable (Type-A/Type-C), Instruction Manual, Quick User Guide

More Info

発売元: SANKI PIONEER 合同会社
www.sanki-pioneer.co.jp
MADE IN JAPAN