



PEWOW01COV Ion Diffuser with CoV Capsule PERENIO IONIC SHIELD User Guide

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01COV Ion Diffuser with CoV Capsule
PERENIO IONIC SHIELD
User Guide



GENERAL INFO¹

Specification	Input: DC 5 V / 2 A, 10 W max. Output: Emission of positive and negative ions (including Mg-, K-, Zn-, Pt-, Au-) emitted from specific ionic solution in the CoV capsule. Battery: Built-in li-ion (2,600 mAh, up to 6 hours of autonomous operation). IP30 Protection Class
Functions	Immediate ionization in an enclosed area of application of up to 2 meters around the device while it is switched on. Ionization of closed spaces: up to 60 m ³ in 30 minutes. Ions concentration: up to 40,000 ion/cm ³
Intended Use	Prevention of diseases caused by known coronaviruses, by a significant reduction of the viral load* in the enclosed area of application of the device
Other Info	Operating conditions: 0 °C to +40 °C, up to 70% RH (non-condensing). Storage conditions: 0 °C to +60 °C, up to 90% RH (non-condensing). Dimensions: 0 80 mm x 132.5 mm
LED Indication	Power LED is on or off: the device is switched off. Power LED is blinking: device is switched on and operating**. Battery charge level indication of the Power LED: green (75-100%), yellow (30-74%), red (1-29%)
Scope of Supply	Cold Plasma Emitter with CoV Capsule, USB-C Power Adapter, Quick Start Guide, Warranty Card, Sticker
Warranty	2 years (service life: 2 years)

* Viral load means the known family of coronaviruses (including SARS-CoV-2) and their strains.

** LED Indication for errors: flashing blue (capsule is missing), flashing red-blue (battery operation error).

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INSTALLATION AND CONFIGURATION²

1. Unpack the Cold Plasma Emitter and the accompanying accessories. Make sure that the device is switched off **(Power LED is off)**.
ATTENTION! If the device was stored in conditions other than operating and storage conditions specified in the Installation and Operation Manual (scan the QR Code on the back cover), please proceed to Step **2 in four (4) hours only!**
2. Remove the sticker (see Figure 3) attached on top of the capsule and tighten the capsule, i.e., push it from the top and turn it clockwise until marks are aligned in the “CLOSED” position as shown in Figure 2.
3. Connect the device into the source of power using the original power adapter while using it for the first time.
4. Press the power button to power on the device and start the ionization process (the Power LED will start blinking green or yellow or red).
5. Press the power button again to stop the ionization process and power of the device.

NOTE that you may also operate the device from the battery. For this purpose, disconnect the device from the source of power and place it in the required area. Recharge it not less than every 6 hours of operation. It is recommended to recharge it after the Power LED is blinking red.

SAFETY OPERATION RULES

1. ATTENTION! Electric shock hazard!
2. This device shall be operated by adults only.
3. Do not power on the device without the capsule, or when the capsule is not in the “CLOSED” position. Always power off the device before removing or installing the capsule. Only the original CoV capsule shall be used with the device.
4. The device shall not be kept or used outdoors, as well as in areas exposed to direct sunlight, moisture, and/or dust, or near air humidifiers (for details, see Installation and Operation Manual).
5. The device must not be immersed into liquids, and the liquids must not be allowed to enter the device.
6. Use a dry cotton cloth to clean the device. The device must be turned off and unplugged before cleaning. Do not use cleaning agents or detergents to clean the device.

RESIDUAL RISKS, CONTRAINDICATIONS, AND SIDE EFFECTS

The device shall not be used by people with reduced physical, sensory, or mental capabilities unless they have been given adequate supervision by a person responsible for their safety.

For the following categories of people, a healthcare professional shall be consulted prior to their exposure to the device: pacemaker patients, pregnant and breastfeeding women, minors, and people with a history of respiratory problems or heart disease.

Based on performed clinical trials, the only possible side effect reported is dry eyes. The clinical trials will continue, and the Installation and Operation Manual will be updated regularly (available for downloading at perenio.com/documents).

For additional details on the above please refer to the Installation and Operation Manual.

TROUBLESHOOTING

1. The device does not power on too low battery level. Recharge the device.
2. The device does not recharge: power adapter failure or battery end of life. Replace the adapter.
3. Unusual noise or electrical crackling during operation: high humidity level in the room.
Power off the device and move it to an area with lower humidity. Power it on again after one hour. If the problem persists, please contact our Tech Support at perenio.com.

DISCLAIMER

1. PERENIO IONIC SHIELD™ (PEWOW01COV) device with CoV Capsule installed, claims to neutralize certain viral activity, namely: coronavirus infection, as tested in accredited laboratories¹. The infection refers to the known family of viruses called coronaviruses. This includes the SARS-CoV-2 human strain virus.
2. The user understands and accepts that the possibility of getting a viral infection heavily relies on each individual's unique immune system response, thus, the reduction of the viral load in the enclosed area of application, does not completely eliminate the possibility of transmission, even whilst using the device.
3. While the device is intended for the prevention of diseases caused by known coronaviruses by a significant

reduction of the viral load* in the enclosed area of application of the device, the manufacturer does not claim any therapeutic properties of this particular device and it shall not be held liable for any underperformance in relation to any kind of therapeutic use.


4. The Manufacturer cannot assume any responsibility for any potential misinformation of the users by distributors and/or resellers of the device. Any claims in relation to the properties of the device which are not concurring with the officially published and regularly updated specifications: intended use, performance, antiviral and anti-pathogen properties, which can be found on the official website at perenio.com, are void and cannot serve as a legal ground for any claims towards the Manufacturer.
5. The Manufacturer is not responsible and will not accept any liability for claims for damages due to performance-related issues and any subsequent result, whereby:
 - The device is used in a manner that is not as prescribed in the Quick Start Guide and/or in the Installation and Operation Manual;
 - The body of the device or the capsule have been tampered with;
 - The input voltage and amperage are in any way changed;
 - The top of the capsule has been in any way obstructed or covered with foreign objects;
 - The working and/or storage temperature, humidity, and/or atmospheric pressure are not within the range specified by the Manufacturer¹;
 - The device is used in high humidity environments like bathrooms or saunas;
 - The device is used in less than four (4) hours after being taken from a cold or humid environment;
 - A non-original power adapter is used to recharge the device;
 - The device is given to children, or put at the ease of reach, with any subsequent malfunctions as a result of such treatment;
 - The device is used with a compromised capsule, or a counterfeit, or self-made capsule;
 - The device is used in any manner that a reasonable person would deem to be inappropriate or dangerous.

ANY PERSON ACQUIRING THIS PERENIO IONIC SHIELD™ (PEWOW01COV) ACCEPTS THE DISCLAIMER CONTAINED IN THE INSTALLATION AND OPERATION MANUAL IS IN FULL AND ASSUMES FULL RESPONSIBILITY FOR USING THE DEVICE IN ACCORDANCE WITH THE DIRECTIONS OF USE, AS WELL AS FOR ANY CONSEQUENCES RESULTING FROM ANY IMPROPER USE AS OUTLINED HEREIN, AND IN THE INSTALLATION AND OPERATION MANUAL.

¹ See details on performed tests, as well as operating and storage conditions in a corresponding Installation and Operation Manual available for downloading at perenio.com/documents (also, you may scan the QR Code on the back cover of this document).

² The device is placed on the market under close monitoring and supervision, while research on potential improvements is also conducted by the Manufacturer. So, we kindly ask you to periodically verify the updated information and details on the device description and specification, clinical evaluations and tests, contraindications and side effects, as well as connection process, certificates, declaration of conformity, warranty and quality issues in the Installation and Operation Manual available for downloading at perenio.com/documents. All trademarks and names herein are the property of their respective owners. Manufactured by SIA Joule Production (Bauskas iela 58A-15, Riga, LV-1004, Latvia) for Perenio IoT spol s r.o. (Na Dlouhem 79, Ricany – Jazlovice 251 01, Czech Republic). Made in Latvia.

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PERENIO
IONIC SHIELD™

PEWOW01 COV
Cold Plasma
Emitter

With CoV Capsule Included

Quick Start Guide

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PEWOW01COV, Ion Diffuser with CoV Capsule PERENIO IONIC SHIELD