

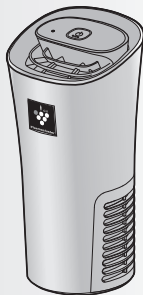
# SHARP

## IG-NX2A



HIGH-DENSITY NEXT<sup>\*1</sup>

"Plasmacluster" and "Device of a cluster of grapes" are trademarks of Sharp Corporation.



### PLASMACLUSTER ION GENERATOR OPERATION MANUAL

### HD PLASMACLUSTER 抗菌機 使用說明書

ENGLISH

中文

\* 1 This technical mark indicates more than 50,000 ions supplied into air of 1 cm<sup>3</sup>, which is measured near the center of space (0.5 m height from floor) when the air volume is "MED" by placing the product in an appropriate place such as a cup holder beside the driver's seat.

\* 1 本技術標誌・是指將本裝置置於駕駛座旁邊的杯架等合適位置上・風量設為「標準」時・在空間中央附近（離地0.5米）測得吹向空氣中的離子數量超過50,000個/cm<sup>3</sup>

# ENGLISH

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- While the product can remove suspended viruses and other contaminants, it cannot create a completely sterile environment. SHARP does not guarantee its ability to prevent microbial infection.
- To enable stable emission of high-density Plasmacluster ions, the Plasmacluster Ion Generating Unit mounted in the product will need to be replaced periodically\*.
- The product is designed for ordinary passenger cars with DC 12 V batteries. It cannot be used in vehicles with DC 24 V batteries (buses, trucks, etc.).

\* Replacement is required approximately every 6 years (17,500 hours) when operated 8 hours a day. the product will stop operating after about 6 years and 6 months (19,000 hours) if the Plasmacluster Ion Generating Unit is not replaced.

Thank you for purchasing this SHARP Plasmacluster Ion Generator.  
Please read this manual carefully before using the product.  
This manual should be kept in a safe place for handy reference.

## IMPORTANT SAFETY INSTRUCTIONS

Please read these instructions carefully before using this product. When using electrical appliances, basic safety precautions should be followed, including the following:

**WARNING** - To reduce the risk of electric shock, fire or injury :

- Do not operate switches while driving. (Doing so could lead to accidents.)
- Do not install the product in places where it could hamper visibility to the front, driving operations, or in places where it could be dangerous to passengers. (Doing so could lead to accidents or injury.)
- Do not put in places exposed to direct sunlight. (Doing so could cause warping or malfunction.)
- This product is designed exclusively for use in vehicles with 12 V batteries. Do not use it in other vehicles. Do not use the product in large trucks, buses or other vehicles with 24 V batteries. (Doing so could lead to fire or electric shock.)
- Do not damage or modify the cord. Also, do not use the cord if it is damaged. (The damaged section could cause short-circuiting and the cord could melt, leading to fire.) If the cord is damaged, contact your store of purchase or SHARP authorized service center.
- Do not pull on the cord when unplugging the Car Adapter or the Micro USB Plug. (Doing so could damage the cord, leading to fire or electric shock.)
- Do not plug in or unplug the Car Adapter or the Micro USB Plug with wet hands. (Doing so could cause electric shock.)
- When transporting, be careful not to drop the product or subject it to shocks. (Doing so could cause injury or damage.)  
If the product should drop or be damaged, contact your store of purchase or SHARP authorized service center.  
Continued usage of damaged product could lead to fire or electric shock.
- Do not modify the product. Also, no one other than an authorized repairman should take apart or repair the product. (Doing so could

lead to fire, electric shock or injury.) Contact your store of purchase or SHARP authorized service center for repairs.

- Do not spill beverages or drop cigarette ashes, metal objects, easily burnable objects, etc., into the product through the Air Outlet or Air Inlet. Be particularly careful if there are small children in your family. If water or foreign substances should get inside the product, unplug the Car Adapter from the accessory socket. (Continued usage could lead to fire or electric shock.) Contact your store of purchase or SHARP authorized service center.
- Do not wipe the product with oils, alcohol, benzine or thinners, or spray hairspray or insecticides on the product. If such substances should get on the product, wipe them off immediately. (Such substances could lead to cracking or electric shock or could catch fire.)
- Do not place the product in a place where it is exposed to oil smoke or moisture such as kitchen counter or humidifying device. (Doing so could lead to electric shock.)
- Do not place the product near heating equipment such as the outlet of hot-air type heater. (Doing so could cause warping or malfunction.)
- Use the Car Adapter designed exclusively for this product, and insert the Car Adapter securely all the way in until it stops. (If the Car Adapter is not inserted securely until it stops, it could heat up, deforming the accessory socket, and this could lead to fire.)
- Be sure to unplug the Car Adapter from the accessory socket when cleaning. (Failure to do so could cause electric shock or injury.)
- Be sure to unplug the Car Adapter from the accessory socket when not in use for long periods of time. (Failure to do so could lead to electric shock or fire caused by short-circuiting.)
- If the accessory socket is integrated into the ashtray, be sure that cigarettes are completely extinguished before using the product.
- When leaving the vehicle, unplug the Car Adapter and close the ashtray's lid. (Failure to do so could lead to fire caused by the smoldering cigarettes.)
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a

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person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.

## CAUTIONS CONCERNING OPERATION :

- Do not touch the metal parts of the Car Adapter (or of the accessory socket).  
(The metal parts of the Car Adapter could be hot directly after the car is stopped, and could cause burns if touched.)
  - Do not use the product in external cup holders, on shaky or non-level surfaces or in other unstable places. (The product could fall, resulting in injury or damage.)
  - Move the product out of the car when using room fumigating type insecticides or deodorizers. If not, the chemicals could get inside the product and later be ejected from the Air Outlet, possibly harming your health.
  - If the product risks falling out of the cup holder (when driving on rough roads, over bumps, etc.), either slow down or remove the product from the cup holder beforehand. (Failure to do so could cause injury or damage to the product.)
  - Do not use silicone-based items\* near the product.  
The fluororesin or silicone could get stuck inside the product, preventing it from producing Plasmacluster ions.  
If this happens, remove the dust from the electrode section of the Plasmacluster Ion Generating Unit. (Page 13)
- \* Hair care items (split end coatings, hair mousses, hair treatments, etc.), cosmetics, antiperspirants, antistatic agents, waterproofing sprays, polishes, glass cleaners, chemical-impregnated clothes, wax, etc.

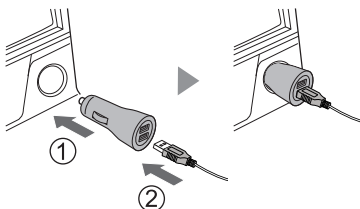
- Please use the official Car Adapter and power cord.  
(Failure to do so could lead to fire / electric shock / failure)

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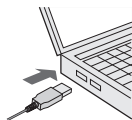
<b>1</b>	Main Unit	<b>11</b>	PM10 Filter
<b>2</b>	Air Outlet	<b>12</b>	Filter Cover
<b>3</b>	Operation Button (Page 8)	<b>13</b>	Micro USB Plug
<b>4</b>	Operation Lamp (Blue, Purple)	<b>14</b>	Cord (length 1.5 m)
<b>5</b>	Unit *Replacing Lamp (Red) (Page 9)	<b>15</b>	USB Plug • Do not use with voltages other than the rated voltage of DC 5 V.
<b>6</b>	Power Supply Port	<b>16</b>	Car Adapter (with 2 ports)
<b>7</b>	Unit* Holder	* The Unit refers to Plasmacluster Ion Generating Unit.	
<b>8</b>	Plasmacluster Ion Generating Unit		
<b>9</b>	Unit* Cleaning Brush		
<b>10</b>	Main Unit Cover		

## INSTALLATION GUIDE

Insert the Car Adapter into the accessory socket and connect the USB plug to the Car Adapter.



- You can use the product by inserting the included USB cable into USB connector of PC, etc.



### NOTE

- Be sure to remove any dirt from the accessory socket. Failure to do so could cause faulty contact or fire.
- The Car Adapter (accessory) for the product has 2 USB ports. It is possible to connect another equipment of 1.5 A or lower while the product is connected. However, in this case, the normal operation of the additional equipment is not guaranteed.
- The Car Adapter and/or connecting section could be hot while in use and/or right after use.

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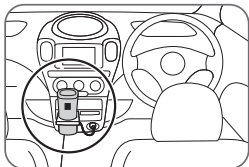


## Cautions on wiring the Car Adapter

- Do not let the cord touch or get caught in the seat rails, shift lever or other moving parts.
- Wire in such a way that the cord does not get in the way of the driver.
- Consider the movement of the seats (forward / backward, swiveling or reclining) when wiring.
- Do not bend the cord extremely or compress it.

## Cautions on installation

- Separate the product from electronic key of vehicle by 30 cm or more. Otherwise, it may interfere with electronic wave of product and the electronic key may not be recognized.
- Be sure to place in a stable location. (Do not put in an external cup holder or other unstable place.)
- Do not obstruct the air inlet or outlet.
- Keep the product away from the vehicle's in-glass antenna. Failure to do so could cause interference on the radio.
- If there should be interference on a TV or radio located in the same car, or if an atomic clock in the car should not display the time properly, move the product away from the TV, radio, atomic clock, etc.
- If the product is installed directly in front of the car climate control's outlets, the product could get hot when the climate control is operating in the heating mode.
- The product could get scratched by the vibrations of the vehicle, etc.
- It might be impossible to use for some types of cars.







# OPERATION

## SELECT MODE



Press to adjust the Airflow

<b>LOW</b> 	Release high-density Plasmacluster ions quietly.
<b>MED</b> 	Release Plasmacluster ions approximately 2 times as much as "LOW" at standard air flow.
<b>TURBO</b> 	Release Plasmacluster ions approximately 3.6 times as much as "LOW" at a strong air flow.
<b>TURBO PLUS</b> 	<p><b>If you want to remove odors quickly.</b>            Releases Plasmacluster ions with TURBO mode for 25 minutes. After that, the mode switches to "MED".</p> <ul style="list-style-type: none"> <li>• After smoking</li> <li>• After eating in a vehicle</li> <li>• When you are conscious about odor of air conditioner</li> </ul>

## ENGINE INTERLOCKING FUNCTION



If the vehicle's engine is turned off and the vehicle is stopped while the product is operating, the product resumes operating in the same mode when the vehicle's engine is started back up.

- If the product continues to operate even if the key of the vehicle is pulled out or the engine switch is turned OFF, pull out the Car Adapter to prevent having a dead battery.

## UNIT REPLACING LAMP

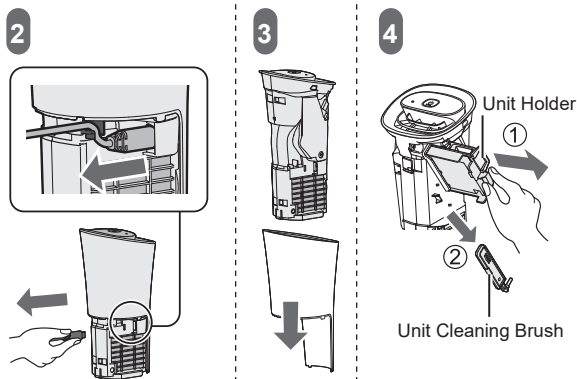
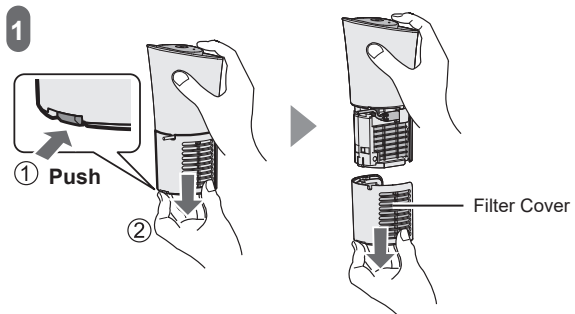
If the total operating time passes approximately 17,500 hours (approx. 6 years if the product is operated 8 hours a day), the Unit Replacing Lamp flashes to notify you of the replacement time of the unit.

- The unit replacement period is the same regardless of the operation mode.

<b>17,500hours</b> <b>UNIT</b> Flashing  (red)	Replace the Plasmacluster Ion Generating Unit. (Page 14)
<b>19,000hours</b> <b>UNIT</b> Flashing  rapidly (red)	Stop working. Replace the Plasmacluster Ion Generating Unit. (Page 14)

# CLEANING AND MAINTENANCE

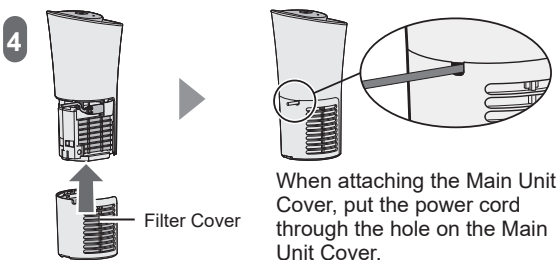
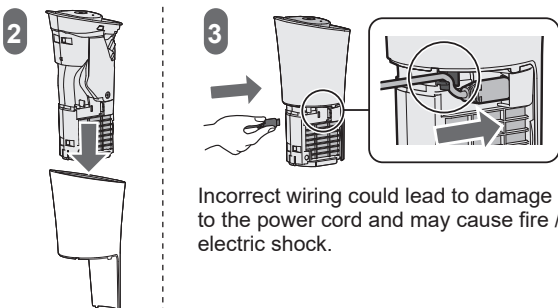
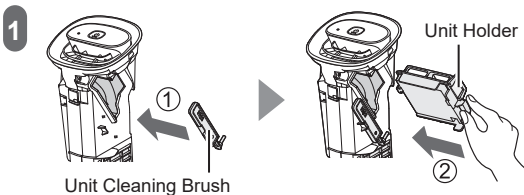
## DISASSEMBLING



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## ASSEMBLING

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## MAIN UNIT

Every month or more often if necessary

**Wipe with a dry soft cloth.**

### <For Stubborn Dirt>

Use water and a mild detergent. And then, wipe with a wet cloth. Make sure to dry out the Main Unit.

## FILTER

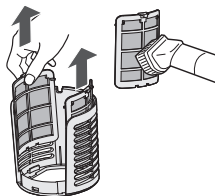
Frequently as necessary

The filter must be cleaned regularly in order to maintain the ion density. Filter soiling depends on the usage environment, so clean the filter frequently as necessary. With frequent cleaning, Plasmacluster ions can be released efficiently.

### 1. Remove the Filter Cover.

- See step 1 of "DISASSEMBLING" on page 10.

### 2. Remove the filters.



### 3. Remove dust with a vacuum cleaner.

- If the filter is dirty, simply wash with water.

#### NOTE

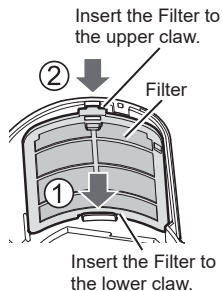
- Do not press the vacuum cleaner strongly against the filter, or the filter could be damaged.
- If using synthetic kitchen detergent, rinse well to remove all traces of the detergent. Also, be sure to dry the filter in the shade.
- Dry the product in a shaded area so that water drops do not remain in the gap between the Filter Cover and the filter.

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#### 4. Insert the filters into the Filter Cover.

#### 5. Reattach the Filter Cover.

- See step 4 of "ASSEMBLING" on page 11



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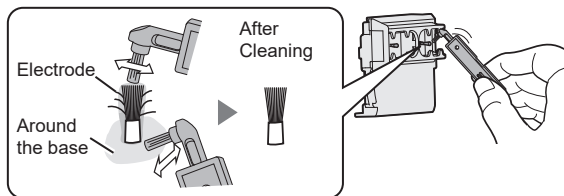
### PLASMACLUSTER ION GENERATING UNIT (Electrode section)

Every 6 months or more often if necessary

#### 1. Take the Unit Holder and the Unit Cleaning Brush.

- See step 1 to 4 of "DISASSEMBLING" on page 10.

#### 2. Remove dusts from the electrodes and around the base by the Unit Cleaning Brush.



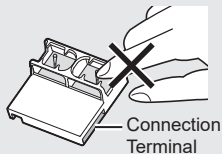
#### 3. Assemble the product.

- See step 1 to 4 of "ASSEMBLING" on page 11.

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### NOTE

- Do not clean with anything other than the Unit Cleaning Brush. (Doing so could lead to failures in the unit)
- A bent electrode could be cut off and dropped during the cleaning process, but it will not change the performance.
- Do not touch the electrode directly. (Doing so could lead to pain / itching)
- Do not deform the electrodes. (Doing so could lead to failures in the unit)
- Do not touch the connection terminal. (Doing so could lead to failures in the unit)



## REPLACEMENT

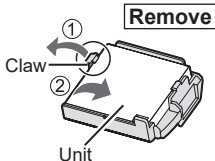
Replacement of the Plasmacluster Ion Unit  
Model: **IZ-C100ME**



### 1. Take the Unit Holder.

- See step 1 to 4 of "DISASSEMBLING" on page 10.

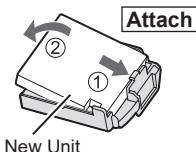
### 2. Remove the claw of Unit Holder ①, and remove the Unit ②.



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### 3. Attach a New Unit to the Unit Holder.



### 4. Assemble the product.

- See step 1 to 4 of "ASSEMBLING" on page 11.

### 5. Insert the Car Adapter in the accessory socket and check the Unit Replacing Lamp is turned OFF.

#### <For Disposal>

Please dispose of the used Plasmacluster Ion Generating Unit according to any local laws and regulations.

- Materials -
- Polybutylene Terephthalate, Electronic parts

## TROUBLESHOOTING

### The Plasmacluster Ion Generator does not work.

- Is the Car Adapter connected properly? Ensure it is connected correctly. (Page 6)

### The operation does not stop although the engine of vehicle is switched OFF.

- If the product is operating even though the key of the vehicle is pulled out or the engine switch is turned OFF, pull out the Car Adapter out to prevent having a dead battery. (Page 9)

### The product does not operate in conjunction with engine.

- In a vehicle where the power is supplied to the accessory socket even if the engine of vehicle is switched OFF, the engine interlocking function cannot be used.

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**The Unit Replacing Lamp flashes rapidly and the operation is stopped.**

- The product is past its usage period. Replace it with a new Plasmacluster Ion Generating Unit. (Page 9,14)

**All Operation Lamps flash at the same time and the product stops.**

- The Plasmacluster Ions are not generated. Perform maintenance of the electrode section. (Page 13)
- Is the Plasmacluster Ion Generating Unit installed correctly? Pull out the unit and insert it again and then press the Operation Button. (Page 10,11)
- If the Lamps flash repeatedly, contact the store of purchase or SHARP authorized service center.

**A discontinuous noise is heard.**

**A clicking or ticking sound comes from the product.**

- Clicking or ticking sound may be audible when the product is generating ions. You may feel the sound becomes louder or softer depending on use environment or operation mode, however, the effect of Plasmacluster Ion is not changed.
- Dust may block the filter. Clean the filter. (Page 12)

**The Operation Lamp flash and the product stops.**

- Please remove the Car Adapter and reinsert it, then press the Operation Button again.
- If this happens repeatedly, contact the store of purchase or SHARP authorized service center.

**Other indication**

- Failure  
Unplug and contact the store of purchase or SHARP authorized service center.

# SPECIFICATIONS

Model	IG-NX2A		
Power	Car Adapter		
Rated input	DC 12 V		
Rated output	DC 5 V (Max. 2 A for 2 ports)		
Operation mode	LOW	MED	TURBO
Power consumption	0.6 W	0.8 W	1.4 W
Ion density	Approx. 25,000 ions/cm <sup>3</sup>	Approx. 50,000 ions/cm <sup>3</sup>	Approx. 90,000 ions/cm <sup>3</sup>
Operating noise level	18 dB	25 dB	33 dB
Outer dimensions	Upper dimension: 78 × 76mm Lower dimension: Φ 65 mm Height: 165 mm (Excluding accessories)		
Weight	Approx. 295 g (Excluding accessories)		
Capacity applicable for high-density Plasmacluster *1	Approx. 3.6 m <sup>3</sup> *2		

\*1 It is the index of capacity that approximately more than 50,000 ions blown out to the air can be measured at the point near the center of the space (0.5 m height from floor) when the air volume is "MED" by placing the product at the place supposing a cup holder beside the driver's seat.

\*2 Space corresponding to a cabin measuring 1.5 (width) x 2.4 (depth) x 1.0 (height) meters.

Some specifications may be changed for improvement purposes.

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- 雖然本產品可以去除懸浮的病毒和其他污染物，但本產品無法營造一個完全無菌的環境。SHARP 無法保證本產品防止微生物感染的能力。
- 為了穩定釋放高濃度自動除菌離子，需要定期更換安裝在產品內的HD離子產生器\*。
- 本產品專為配備DC 12 V 電池的汽車所設計。本產品不能在裝有DC 24 V 電池的車輛（公共汽車、貨車等）中使用。

\* 如果每天運行 8 小時，大約每 6 年（17,500 小時）需要更換一次。如果未更換HD離子產生器，則本產品將在大約 6 年 6 個月（19,000 小時）後停止運行。

感謝您購買 SHARP HD Plasmacluster 抗菌機。在使用產品前，請仔細閱讀本說明書。  
閱讀後，請保存妥當以便日後查閱。

## 重要安全事項

在使用本產品前，請仔細閱讀這些安全事項。

使用電器時，應遵守基本安全預防措施，包括以下內容：

**警告**—為減少觸電、火災或受傷的風險：

- 駕駛時請勿操作開關。(否則可能會導致意外事故。)
- 請勿將本產品安裝在影響前方駕駛視野、駕駛操作的位置或對乘客有危險的位置。(否則可能會導致意外事故或受傷。)
- 請勿放置在陽光直射的位置。(否則可能會導致變形或故障。)
- 本產品專門用於帶有 12 V 電池的車輛。請勿在其他車輛上使用。請勿在帶有 24 V 電池的大型貨車、公共汽車或其他車輛中使用本產品。(否則可能會導致火災或觸電。)
- 請勿損壞或改裝電源線。同時，請勿使用已損壞的電源線。  
(損壞的部分可能會導致短路，並且電源線可能會融化，從而引起火災。)  
如果電源線損壞，請聯絡購買的商店或SHARP授權的服務中心。
- 拔下車用轉接器或 Micro USB 插頭時，請勿拉扯電源線。  
(否則可能會損壞電源線，導致火災或觸電。)
- 請勿用濕手插拔車用轉接器或 Micro USB 插頭。  
(否則可能會導致觸電。)
- 駕駛時，切勿摔落或撞擊本產品。  
(否則可能會導致受傷或損壞。)  
如果產品摔落或損壞，請聯絡購買的商店或SHARP授權的服務中心。(持續使用損壞的產品可能會導致火災或觸電。)
- 請勿改裝產品。同時，除授權維修人員外，任何人都不得拆解或維修產品。(否則可能會導致火災、觸電或受傷。)請聯絡購買的商店或SHARP授權的服務中心進行維修。

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- 請勿將飲料倒入產品中，或從產品的出風口或進氣口掉入煙灰、金屬物品，或易燃物品等。如果家中有幼童，請更小心注意。如果水或異物進入產品內部，請從插座上拔下車用轉接器的插頭。（持續使用產品可能會導致火災或觸電。）請聯絡購買的商店或SHARP授權的服務中心。
- 請勿用油、酒精、汽油或稀釋劑擦拭產品或在產品上噴上頭髮定型劑或殺蟲劑。如果這些物質沾在產品上，請立即擦拭乾淨。（這些物質可能會導致產品破裂、觸電或著火。）
- 請勿將本產品放置在油煙或濕氣的地方，例如廚房枱面或加濕器旁。（否則可能會導致觸電。）
- 請勿將本產品放置在加熱設備附近，例如熱風式暖爐的出風口。（否則可能會導致變形或故障。）
- 請使用專為本產品設計的車用轉接器，然後將車用轉接器牢牢地插入直至其停止。（如果車用轉接器未能牢牢地插入直至其停止，本產品可能會變熱，導致插座變形，並可能導致起火。）
- 清潔時，請務必從插座上拔下車用轉接器。（否則可能會導致觸電或受傷。）
- 長時間不使用時，請務必從插座上拔下車用轉接器。（否則可能會因短路而導致觸電或起火。）
- 如果插座已整合到煙灰缸中，在使用本產品之前，請確保香煙已完全熄滅。
- 離開車輛時，請拔下車用轉接器的插頭，然後關閉煙灰缸的蓋子。（否則可能會因煙頭的殘火引起火災。）
- 本設備不適合肢體、感覺或精神能力較弱或缺乏經驗和知識的人士（包括兒童）使用，除非負責其安全的人員監督或指導他們使用本產品。應監督兒童並確保他們不玩弄本產品。

ZH-2

## 操作注意事項：

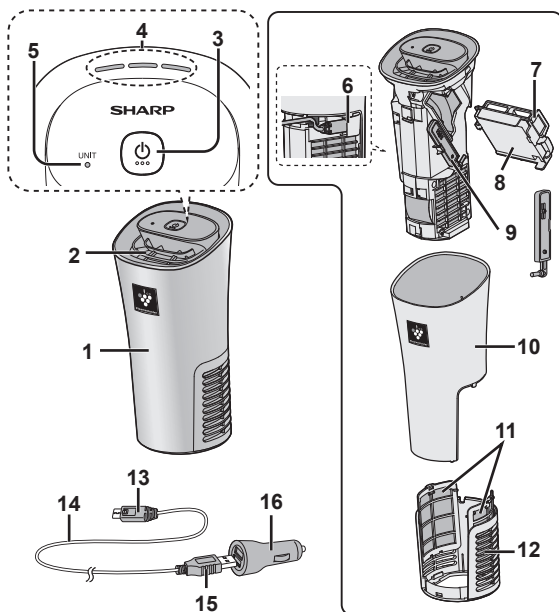
- 請勿觸摸車用轉接器（或附件插座）的金屬零件。  
（車輛停止後，車用轉接器的金屬零件可能會很燙，如果觸摸，可能會灼傷。）
- 請勿在外部杯架、搖晃或不平坦的表面上，或其他不穩定的地方使用本產品。（本產品可能會掉落導致受傷或損壞。）
- 在車輛內使用室內燻蒸型殺蟲劑或除臭劑時，請將本產品移出車輛。否則化學物質可能會進入本產品內部，然後從出風口排出，這可能會危害健康。
- 如果本產品有從杯架中掉落的風險（比如在崎嶇不平的道路上行駛，或在顛簸處等），請放慢速度或先將本產品從杯架中取出。  
（否則可能會導致受傷或產品損壞。）
- 請勿在本產品附近使用矽膠物品\*。  
氟樹脂或矽膠可能會附著在本產品內部，從而阻止製造自動除菌離子。  
如果發生這種情況，請清除HD離子產生器的電極部分的灰塵。  
（第13頁）

\* 護髮產品（髮梢保護液、髮膠、頭髮護理等）、化妝品、止汗劑、抗靜電劑、防水噴霧劑、擦亮劑、玻璃清潔劑、化學浸漬的衣服、蠟等。

父母

ZH-3

## 部件名稱



### 注意

- 請使用原廠的車用轉接器和電源線。  
(否則可能會導致火災 / 觸電 / 故障)

ZH-4



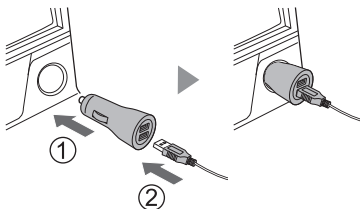
<b>1</b>	主機	<b>11</b>	PM10 過濾網
<b>2</b>	出風口	<b>12</b>	過濾網外殼
<b>3</b>	操作按鈕 ( 第8頁 )	<b>13</b>	Micro USB 插頭
<b>4</b>	操作指示燈 ( 藍、紫 )	<b>14</b>	電源線 ( 長度約 1.5 m )
<b>5</b>	產生器*更換指示燈 ( 紅 ) ( 第9頁 )	<b>15</b>	USB 插頭 • 請勿使用DC 5 V 額定電壓 以外的電壓。
<b>6</b>	電源輸入端子	<b>16</b>	車用轉接器 ( 帶有 2 個端口 )
<b>7</b>	產生器*支架	* 產生器是指HD離子產生器。	
<b>8</b>	HD離子產生器		
<b>9</b>	產生器*清潔毛刷		
<b>10</b>	主機外殼		

✕  
母

ZH-5

## 安裝指南

將車用轉接器插入插座，然後將 USB 插頭連接到車用轉接器。



- 您可以將隨附的 USB 電線插入電腦等產品的 USB 連接器，以使用本產品。



### 注意

- 請務必清除插座上的所有灰塵。否則可能會導致接觸不良或火災。
- 本產品的車用轉接器（配件）具有 2 個 USB 端口。  
當本產品連接後，可以連接其他 1.5 A 或更低電流的設備。但在這種情況下，無法保證附加設備的正常運行。
- 車用轉接器和 / 或連接部分，在使用中和 / 或剛使用完時可能很熱。

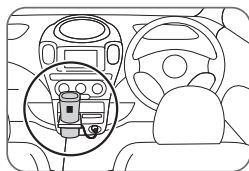
ZH-6

## 車用轉接器佈線的注意事項

- 請勿讓電源線接觸或夾在座椅滑軌、變速桿或其他可移動部件之中。
- 使電源線不會妨礙駕駛的方式接線。
- 接線時請考慮座椅的移動位置（向前 / 向後、旋轉或傾斜）。
- 請勿過度彎曲或緊壓電源線。

## 安裝注意事項

- 將本產品與車輛的電子鑰匙保持30厘米或以上的距離。否則電子鑰匙可能會干擾本產品的電波，而且電子鑰匙可能無法被識別。
- 請務必放置在穩定的地方。（請勿將其放在外部杯架或其他不穩定的地方。）
- 請勿阻塞進氣口或出風口。
- 讓產品遠離車輛玻璃天線。否則可能會干擾無線電。
- 如果車上的電視或收音機受到干擾，或者車內的電子鐘無法正確顯示時間，請將本產品遠離電視、收音機、電子鐘等。
- 如果將本產品直接安裝在汽車空調出風口的前面，當空調在暖氣模式下運行時，本產品可能會變熱。
- 車輛的振動可能會刮傷本產品。
- 某些類型的汽車可能無法使用本產品。

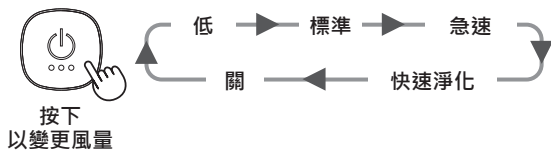


中文

ZH-7

## 操作方法

### 選擇模式



<b>低</b> 	安靜地釋放自動除菌離子。
<b>標準</b> 	在標準風量下釋放自動除菌離子的量大約是「低」的 2 倍。
<b>急速</b> 	在強力風量下釋放自動除菌離子的量大約是「低」的 3.6 倍。
<b>快速淨化</b> 	<b>如果您想快速清除異味。</b> 在「急速」模式釋放自動除菌離子25分鐘，之後轉回「標準」模式。 <ul style="list-style-type: none"><li>• 吸煙後</li><li>• 在車上進食後</li><li>• 當您意識到空調的異味時</li></ul>

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## 引擎聯動功能

如果在本產品運行時，關閉車輛引擎並待車輛停止後，當重新啟動車輛引擎時，本產品將以停止時相同的模式恢復運行。



- 如果拔出車鑰匙或關閉引擎後，本產品仍持續運作，請拔出車用轉接器以防止電池耗盡。

✕  
母

## 產生器更換指示燈

如果總運行時間超過了約 17,500 小時（如果一天運行 8 小時，則約為 6 年），產生器更換指示燈會閃爍，以通知您進行更換。

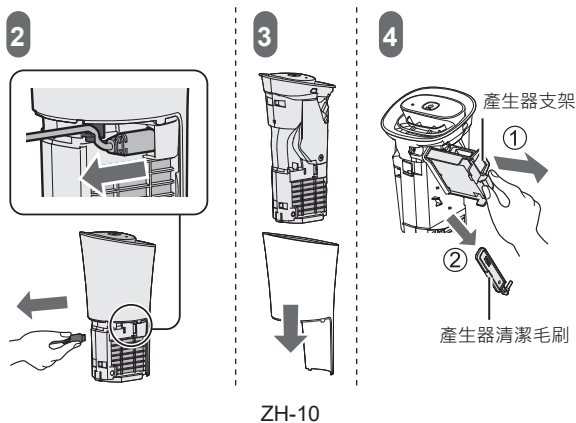
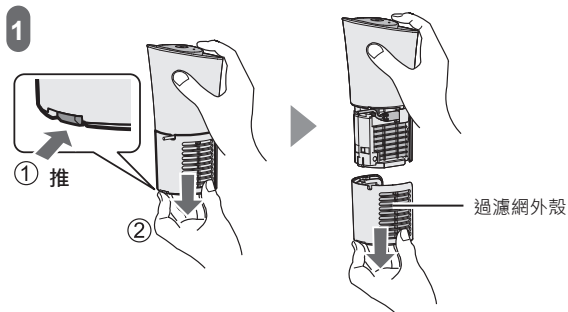
- 無論操作模式為哪一種，產生器更換期都是相同的。

17,500 小時  UNIT 閃爍 (紅)	更換『HD離子產生器』。 (第14頁)
19,000 小時  UNIT 快速閃爍 (紅)	停止運行。 更換『HD離子產生器』。 (第14頁)

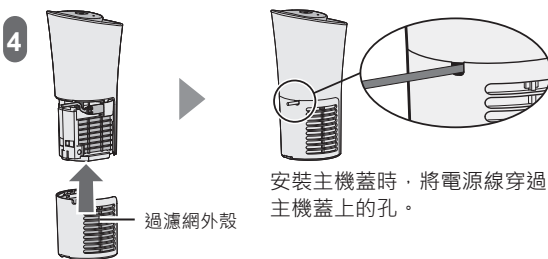
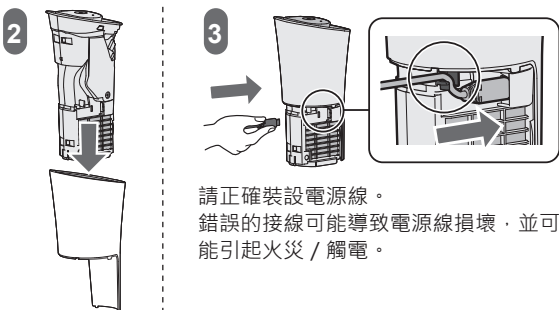
ZH-9

## 保養與清潔

### 拆卸



## 組裝



ZH-11

## 主機

在必要時，應每月或更頻繁地清潔保養。

使用乾軟布擦拭。

### <針對頑固污垢>

使用水和溫和的清潔劑清潔，然後用濕布擦拭，請務必將主機擦乾。

## 過濾網

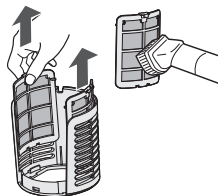
如有必要則應清潔

過濾網必須定期清潔，以保持離子濃度。過濾網的髒污程度取決於使用環境，如有必要則應經常清潔過濾網。頻繁的清潔有助於高效地釋放自動除菌離子。

### 1 拆除過濾網外殼。

- 請參閱第10頁「拆卸」的步驟1。

### 2 拆除過濾網。



### 3 使用吸塵機清除灰塵。

- 如果過濾網很髒，只需用水沖洗即可。

### 注意

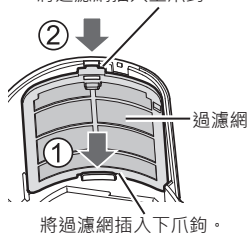
- 請勿將吸塵機用力壓在過濾網上，否則過濾網可能會損壞。
- 如果使用廚房清潔劑清潔，請充分沖洗去除所有殘留清潔劑。同時，請務必將過濾網放在陰涼處吹乾。
- 將本產品放在陰涼處吹乾，使水滴不會殘留在過濾網外殼和過濾網之間的縫隙中。

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#### 4 將過濾網插入過濾網外殼。

將過濾網插入上爪鉤。



#### 5 重新裝上過濾網外殼。

- 請參閱第11頁「組裝」的步驟4。

父母

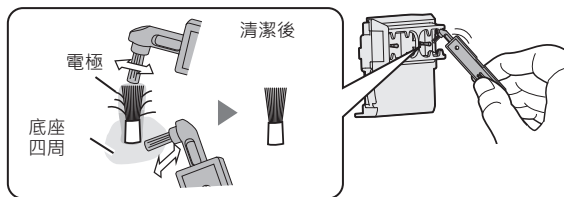
### HD離子產生器 (電極部分)

在必要時，應每6個月或更頻繁地清潔保養。

#### 1 取出產生器支架和清潔毛刷。

- 請參閱第10頁「拆卸」的步驟1-4。

#### 2 使用清潔毛刷清除電極上和底座周圍的灰塵。



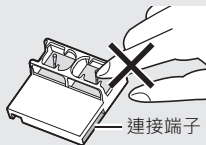
#### 3 組裝本產品。

- 請參閱第11頁「組裝」的步驟1-4。

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### 注意

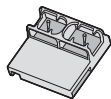
- 除產生器清潔毛刷外，請勿使用其他物品進行清潔。  
(否則可能會導致裝置故障)
- 在清潔過程中，彎曲的電極可能會被切斷且掉落，但這不會改變性能。
- 請勿直接觸摸電極。  
(否則可能會導致疼痛 / 搔癢)
- 請勿使電極變形。  
(否則可能會導致裝置故障)
- 請勿觸摸連接端子。  
(否則可能會導致裝置故障)



## 更換HD離子產生器

更換『HD離子產生器』

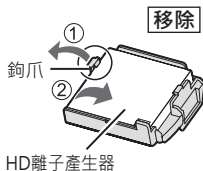
型號：IZ-C100ME



### 1 取出產生器支架。

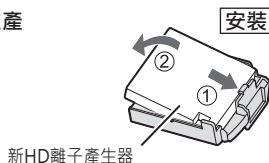
- 請參閱第10頁「拆卸」的步驟1-4。

### 2 拆下產生器支架的爪鉤①，然後拆下HD離子產生器②。



ZH-14

### 3 將新HD離子產生器安裝在產生器支架上。



### 4 組裝本產品。

- 請參閱第11頁「組裝」的步驟 1 - 4。

### 5 將車用轉接器插入插座，並檢查產生器更換指示燈是否熄滅。

#### <廢棄處理>

請根據當地的法律法規棄置使用過的HD離子產生器。

#### —材料—

- 聚對苯二甲酸丁二酯、電子零件

## 維修前的檢查事項

### HD離子產生器停止操作。

- 車用轉接器是否正確連接？請確保正確連接。（第6頁）

### 雖然已關閉車輛引擎，但本產品仍未停止運作。

- 如果拔出車鑰匙或關閉引擎後，本產品仍持續運作，請拔出車用轉接器以防止電池耗盡。（第9頁）

### 本產品無法與引擎一起運作。

- 即使車輛引擎關閉時，車輛仍然供電給附件插座，此時引擎聯動功能便不會操作。

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### **HD離子產生器更換指示燈快速閃爍，且停止運作。**

- 本產品已超過使用期限。請更換新的HD離子產生器。  
(第9、14頁)

### **所有操作指示燈同時閃爍且停止運作。**

- 未能釋放自動除菌離子，請清潔電極部分。(第13頁)
- HD離子產生器是否正確安裝？取出裝置並再次插入，然後按操作按鈕。(第10、11頁)
- 如果指示燈重複閃爍，請聯絡購買商店或SHARP授權的服務中心。

### **聽到間斷性的噪音。**

#### **運作時，本產品發出喀噠聲或滴答聲。**

- 本產品釋放離子時，可能會聽到喀噠聲或滴答聲。根據使用環境或操作模式，可能會感覺聲音變大或變小，但是自動除菌離子的釋放效果將不會改變。
- 灰塵可能阻塞過濾網，請清潔過濾網。(第12頁)

### **操作指示燈閃爍且停止運作。**

- 請取下車用轉接器並重新插入，然後再次按下操作按鈕。
- 如果這個情況重複發生，請聯絡購買的商店或SHARP授權的服務中心。

### **其他指示**

- 故障  
拔出插頭並聯絡購買商店或SHARP授權的服務中心。

# 規格

型號	IG-NX2A		
電源	車用轉接器		
額定輸入	DC 12 V		
額定輸出	DC 5 V ( 2 個端口最大 2 A )		
操作模式	低	標準	急速
消耗功率	0.6 W	0.8 W	1.4 W
自動除菌離子濃度	離子數量約為 25,000 個/cm <sup>3</sup>	離子數量約為 50,000 個/cm <sup>3</sup>	離子數量約為 90,000 個/cm <sup>3</sup>
運行噪音值	18 dB	25 dB	33 dB
外形尺寸	上部尺寸：78 mm × 76 mm 下部尺寸：直徑 65 mm 高度：165 mm ( 不包括配件 )		
重量	約 295 g ( 不包括配件 )		
高濃度自動除菌離子的 適用空間 <sup>1</sup>	約 3.6 m <sup>3</sup> <sup>*2</sup>		

以  
母

<sup>\*1</sup> 空間參考標準：將本產品置於駕駛座旁邊的杯架等合適位置上，風量設為「標準」時，在空間的中央附近（離地0.5米）地點可測得吹向空中的離子個數約為50,000個/cm<sup>3</sup>。

<sup>\*2</sup> 相當於 1.5 m ( 闊 ) x 2.4 m ( 深 ) x 1.0 m ( 高 ) 的汽車內部空間。

• 針對產品的改進，產品規格可能會有所變更。

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# SHARP

SHARP CORPORATION  
OSAKA, JAPAN

TINS-B452KKRZ 22F- ①