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> [Sharp IG-MX15-B Plasmacluster Ion Generator User Manual](#)

Sharp IG-MX15-B

Sharp IG-MX15-B Plasmacluster Ion Generator User Manual

This manual provides essential instructions for the safe and effective use of your Sharp IG-MX15-B Plasmacluster Ion Generator. Please read it thoroughly before operation and retain it for future reference.

SAFETY INFORMATION

To ensure safe operation and prevent damage, please observe the following precautions:

- Do not disassemble, repair, or modify the unit.
- Keep the unit away from water or excessive moisture.
- Do not block the air intake or outlet vents.
- Use only the specified power source (USB 5V).
- Avoid placing the unit in direct sunlight or near heat sources.
- Keep out of reach of children.
- If the unit emits smoke, unusual odors, or makes abnormal sounds, immediately disconnect the power and contact customer support.

PACKAGE CONTENTS

Verify that all the following items are included in your package:

- Sharp IG-MX15-B Plasmacluster Ion Generator Unit
- USB Power Cable
- Instruction Manual (this document)

SETUP

Follow these steps to set up your Plasmacluster Ion Generator:

1. **Placement:** Place the unit securely in a cup holder within your vehicle or on a stable, flat surface in another desired location. Ensure the air intake and outlet are not obstructed.
2. **Power Connection:** Connect the provided USB power cable to the unit's USB port and then to a compatible USB power source (e.g., car USB port, USB adapter, or mobile battery).

USB接続対応

付属のUSBケーブルで本機に電源を供給できるので、市販のモバイルバッテリーを使えばコンセントのない場所でもご利用いただけます。*

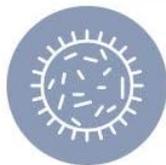


●モバイルバッテリーはPSEマークの表示がある製品をご使用ください。●モバイルバッテリーの取扱説明書をご覧頂き、使用する場所や環境を守ってご使用ください。*モバイルバッテリーの容量5000mAh(定格:5V 2.4A)の時、「ターボプラス」運転で約12時間使用することができます。(モバイルバッテリーの使用状況や商品の使用状況によって動作可能な時間は異なります。)

Figure 1: USB connection for power supply. The device can be powered by various USB sources, including mobile batteries, for use in locations without traditional power outlets.

車内の「6大付着臭」を消臭^{※1}

クルマの中で気になる6種類のニオイに効果を発揮。



カビ臭



汗臭



体臭
(30~40代特有)



食べ物臭



タバコ臭



ペット臭

●詳しくはカタログをご覧ください。

※1 約3.6m³の車内相当の試験空間で、約20分~約6時間後の効果です。「ターボプラス」運転で実施。実使用空間での実証結果ではありません。※2 吹出口から<汗臭> <体臭(30~40代特有)> >約75cm、<ペット臭> >約36cmの位置での効果です。吹き出す風の当たらない部分のニオイは取れません。●ニオイの種類・強さ・対象物の素材などによって消臭効果は異なります。

Figure 2: Optimal placement in a car cup holder. The device is designed to fit conveniently in vehicle interiors.

OPERATING INSTRUCTIONS

The Sharp IG-MX15-B Plasmacluster Ion Generator features simple controls for effective air purification.

1. **Power On/Off:** Press the power button located on the top of the unit to turn it on or off.
2. **Mode Selection:** The unit typically operates in an automatic mode for optimal performance. It may start with a "Turbo Plus" mode for rapid deodorization and then switch to a "Medium" mode for continuous maintenance.

おまかせ運転でスピーディーに消臭

約25分間集中的にプラズマクラスターイオンを放出して、ニオイを消臭。その後は「中」運転で車内を快適な空間に保ちます。



Figure 3: Automatic operation sequence. The unit initiates with a 25-minute "Turbo Plus" mode for intensive deodorization, then shifts to a "Medium" mode to maintain a comfortable environment.

The Plasmacluster technology releases positive and negative ions into the air, which surround and break down airborne pollutants, odors, and allergens.

イオン発生機初!^{※1} プラズマクラスターNEXT搭載モデル

イオン濃度が約20%アップしたことにより^{※2}、消臭効果の向上に加え、新たな効果を実証しました。



※1 当社プラズマクラスター搭載商品において。 ※2 風量「ターボプラス」のイオン濃度と、2019年製イオン発生機(IG-LC15)の風量「ターボ」のイオン濃度(25,000個/cm以上)との比較。

Figure 4: Plasmacluster NEXT technology. This advanced ion generation system enhances air purification and deodorization.

FEATURES AND BENEFITS

The Sharp IG-MX15-B Plasmacluster Ion Generator is designed to improve your environment through several key functions:

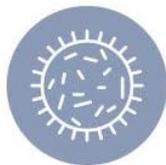
Effective Deodorization

The unit actively works to neutralize various unpleasant odors, particularly those common in vehicle interiors, such as:

- Mold odor
- Sweat odor
- Body odor
- Food odors
- Tobacco smoke odor
- Pet odors

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Figure 5: Comprehensive odor elimination. The device targets and reduces six common types of odors found in enclosed spaces like car cabins.

Pollen and Fine Dust Collection

Equipped with a pollen catch filter, the generator captures approximately 80% of pollen and fine dust particles (10µm or larger), contributing to a cleaner air environment.

花粉や細かなホコリまで集塵

花粉キャッチフィルタ[⇒]を搭載し、花粉や細かなホコリ（約10 μ m以上）を約80%[※]捕集。



※ 約10 μ m（スギ花粉の大きさ：約30 μ m）以上の「花粉」や「ホコリ」などを約80%（当社調べ）捕集するフィルターです。日本電機工業会規格（JEM1467）とは異なります。

Figure 6: Pollen and fine dust capture. The integrated filter helps to reduce airborne allergens and particulate matter.

Enhanced Driving Comfort

By maintaining a fresh and clean atmosphere, the Plasmacluster Ion Generator helps to reduce driving stress, allowing for easier concentration and a more relaxed driving experience.

運転中のストレスを低減

集中力を維持しやすく、ストレスがたまりにくい。
落ち着ける運転環境づくりをサポート*



※ 約3.6m³の車内空間でイオン発生機を運転手に向けて設置して、「ターボプラス」運転時(プラスマクラスターイオンあり、もしくは送風のみ)の運転手に対する約90分間の試験にて確認した効果です。

Figure 7: Stress reduction during driving. The improved air quality contributes to a more focused and comfortable driving environment.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Plasmacluster Ion Generator.

Filter Cleaning

The pollen catch filter should be cleaned periodically. Refer to the detailed instructions in the full product manual for specific cleaning procedures and frequency. Generally, gently remove any accumulated dust or debris from the filter using a soft brush or vacuum cleaner.

Ion Generating Unit Replacement

The ion generating unit has a limited lifespan. When its performance diminishes, it may need to be replaced. Consult the full product manual or Sharp customer support for information on replacement parts and procedures.

TROUBLESHOOTING

If you encounter any issues with your Sharp IG-MX15-B, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not power on.	No power supply or loose connection.	Ensure the USB cable is securely connected to both the unit and a working power source. Try a different USB port or adapter.
Weak airflow.	Air intake/outlet blocked or dirty filter.	Check for obstructions around the vents. Clean the pollen catch filter.
Unusual noise during operation.	Foreign object inside or unit not stable.	Ensure the unit is placed on a stable surface. If noise persists, discontinue use and contact support.
Deodorization effect seems low.	Dirty filter or large room size.	Clean the pollen catch filter. Ensure the unit is used in an appropriate sized area (e.g., car cabin).

SPECIFICATIONS

Detailed technical specifications for the Sharp IG-MX15-B Plasmacluster Ion Generator:

Brand	Sharp
Model Number	IG-MX15-B
Colour	Black
Product Dimensions (L x W x H)	7.6 x 7.8 x 16.5 cm
Item Weight	396 g
Noise Level	33 Decibels
Special Features	Plasmacluster Ion Generator
Power Source	USB (Compatible with mobile batteries)
Control Method	Touch, On-Board
Filter Type	Ionizer, Pollen Catch Filter
Floor Area (Effective)	33.17 Square Centimeters (suitable for car interiors)
Particle Retention Size	10 Micron



Figure 8: Product dimensions. The compact design allows for easy placement in various settings.

WARRANTY AND SUPPORT

Sharp products are manufactured to the highest quality standards. This product comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions.

For technical assistance, troubleshooting beyond this manual, or to inquire about replacement parts, please contact Sharp customer support:

- **Website:** Visit the official Sharp website for your region.
- **Phone:** Refer to your warranty card or the Sharp website for local contact numbers.

When contacting support, please have your model number (IG-MX15-B) and purchase date available.