



**Global Sourcing Specialist**  
YOUR GLOBAL PROCUREMENT PARTNER

Keeping your atmosphere  
**SAFE & CLEAN**



The 100% safe solution  
to decontaminate your air  
and surfaces against  
viruses and bacteria.

Partnered With







2017 Space Technology  
Hall of Fame Inductee

Engineered  
in the USA

## ActivePure® Technology

ActivePure® is the most powerful air and surface purification technology ever invented

- Clinically Proven to reduce 99.999% Airborne & Surface RNA Viruses in 30 minutes
- Continually Destroys 99.9% Airborne & Surface Viruses
- 100% Safe for Humans, Animals & Plants
- No Ozone
- 10+ Years Independent Laboratory Testing
- Patented, Certified Space Technology
- Minimal maintenance required



## Mobile Disinfecting Device

The Air Scrubber Mobile is a fully portable, pocket-sized unit that significantly reduces pathogens, contaminants, viruses, bacteria, pollutants, and unpleasant odors. The Air Scrubber Mobile uses the latest ActivePure® Technology to decontaminate your personal space from cars to hotel rooms.



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Orders@GSSLV.com // 1-800-367-7771

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# HOW



# WORKS

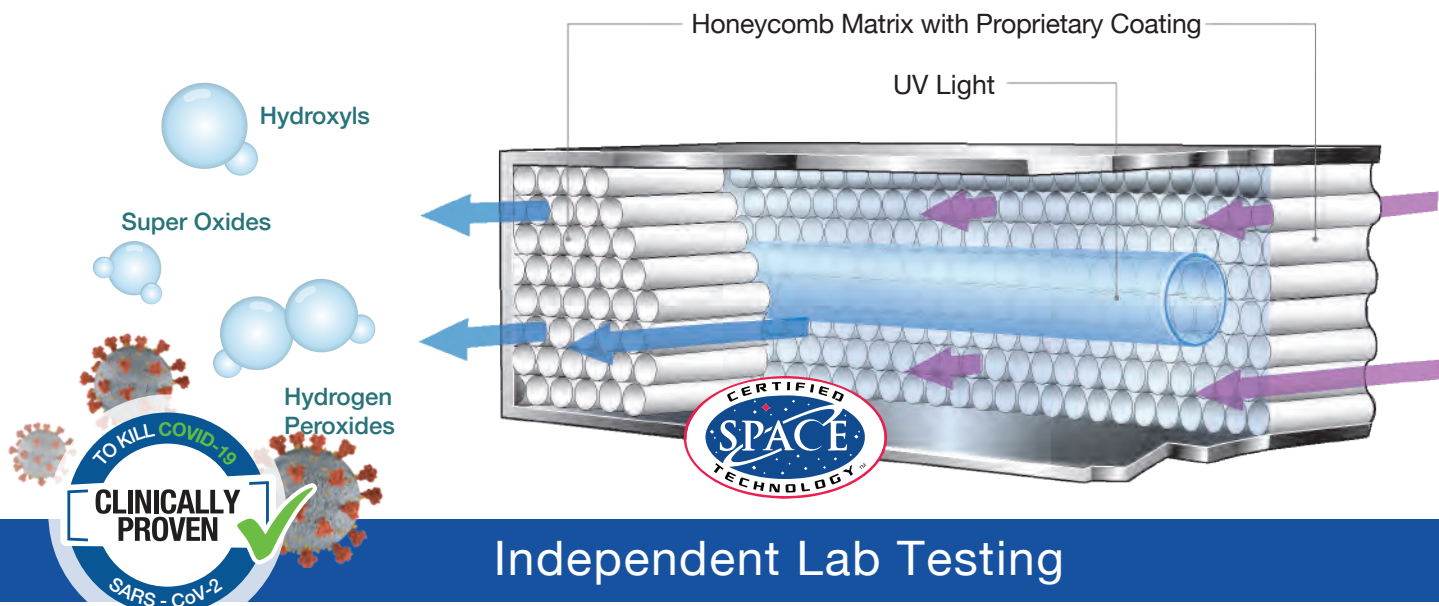


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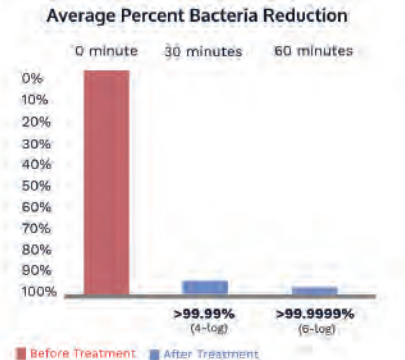
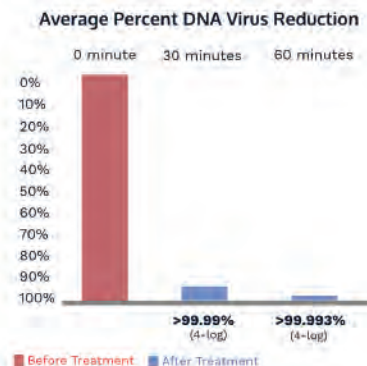
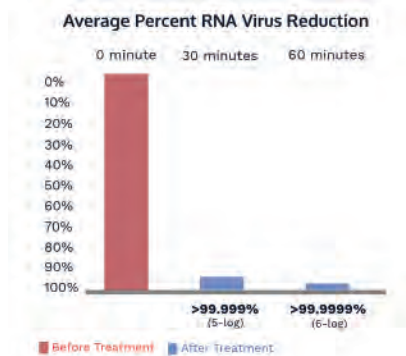
When microscopic oxygen and water molecules in the air pass through the ActivePure honeycomb matrix, the molecules are transformed into friendly-yet-powerful oxidizers. The ActivePure contains two UVGI (Ultra Violet Germicidal Irradiation) bulbs plus a Titanium Dioxide (TiO<sub>2</sub>) based photocatalyst. This catalyst, when irradiated with energy from the 254nm UVGI bulbs, continuously creates hydroxyl radicals and super ions which constantly fill the air and rapidly destroy viruses, fungi, mold, and odor-causing bacteria – even ones that try to hide in hard-to-reach cracks and crevasses.



## Independent Lab Testing

White Papers available upon request\*

| Year | Description   | Results & Post Treatment Test Time  | Testing Laboratory/Other                    |
|------|---|---|---|
| 2020 | FDA Medical Device Approval Testing                 | FDA Approval Issued for Aerus Medical Guardian Air  | FDA Approved Independent Laboratory         |
| 2019 | FDA Medical Device Testing, FDA Approved Laboratory | 99.9-99.9999% Surface & Air Reduction of Virus, Bacteria & Fungi in 60 min                              | Aerosol Research & Engineering Laboratories |
| 2018 | Hydroxyl Blaster - Testing                          | 99.99% Reduction in Airborne Contaminants in 1-2 hrs, 52-97% Reduction of Surface Contaminants in 2 hrs | Guangzhou CAS Test Tech. Services Co., LTD  |
| 2018 | Lampighter School, Dallas TX                        | 96-98% Reduction in Surface Contaminants Reduction, 35 Days   | MicroChem Laboratory                        |
| 2017 | Major Hospital SNCU Ward, India                     | 99.9% Reduction in Bacteria, 96% Reduction in Fungi, 21 Days  | Ashwarmmedh Engineers & Consultants         |
| 2016 | Clostridium Difficile Endospores                    | 100% Reduction of Virus in 12 hours   | MicroChem Laboratory                        |
| 2016 | Texas Rangers Training Facility, MRSA Infections    | 100% Reduction in MRSA, Fungi, 99.9% Reduction Bacteria, 30 days. 1 Year                                | N/A   |
| 2015 | Legionella Pnumophila                               | 92% Reduction of Virus on Surfaces in 4 hours   | RTI International Laboratory                |
| 2015 | Major Hospital, ActiveShield Antimicrobial          | 97.85-99.84% Reduction in Surface Contaminants, Every 15 days for 3 Mo                                  | Hospital Environmental Services             |
| 2015 | Major Texas Hospital Operating Room                 | 83-95% Reduction in Airborne & Surface Contaminants, 6 Days   | Antimicrobial Testing Laboratory            |



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## Quick Facts

- The ActivePure Medical Guardian is cleared by the FDA as a Class II Medical Device
- ActivePure® uses a proprietary technology proven to reduce staphylococcus epidermis and erqinia herbicola bacteria, MS2 and Phi-X174 viruses and aspergillum niger fungal spores and bacillus globigii bacterial spores, with 4-6 log reduction in 60 minutes as tested.

## Overview

The ActivePure Medical Guardian is a free-standing, portable device used in professional healthcare environments to reduce airborne contaminants. With the optimal balance of performance, proven quality, user-friendly design and affordability, its ActivePure® Technology gives professional healthcare environments an effective solution to reduce airborne contaminants

## Technology

An internal fan draws air in from the area where the device is located. Air moves into the device where negative ions, created from ion brushes charge incoming contaminants so the oppositely charged filter media can be more easily captured/entrained from ambient air. As air exits the filter, it passes the ActivePure® Cell which contains two UVGI (Ultra Violet Germicidal Irradiation) bulbs plus a TiO2 based photocatalyst. This catalyst, when irradiated with energy from the 254nm UVGI bulbs, creates hydroxyl radicals and super ions which enter ambient air to oxidize, mineralize and reduce organic compounds into non-organic forms.

## Specifications

### ActivePure® MEDICAL GUARDIAN

|                             |  |
|-----------------------------|--|
| Power Consumption           | 1 to 117 watts   |
| Recommended Treatment Space | • 3000ft/ 8-10 ft ceilings   |
| Input Voltage               | 120 VAC, 60Hz 1.0 Amp  |
| Nominal Airflow Rate        | <ul style="list-style-type: none"> <li>• Whisper 90 CFM 53 m/hr</li> <li>• Low 100 CFM 59 m/hr</li> <li>• Medium 180 CFM 35 m/hr</li> <li>• High 300 CFM 509 m/hr</li> </ul> |
| Dimensions                  | • 26.5 H x 11.5 W x 21 D D   |
| Weight                      | 48 lbs / 21.8 kg   |
| Average Noise Level: (@ 1m) | <ul style="list-style-type: none"> <li>• Whisper 43 db(A)</li> <li>• Low 48 db (A)</li> <li>• Medium 64 db(A)</li> <li>• High 70 db (A)</li> </ul>                           |
| Power Cord                  | <ul style="list-style-type: none"> <li>• 6 ft</li> <li>• 1.8 m</li> </ul>  |
| Warranty / Service Life     | 1 year limited / 3 years   |



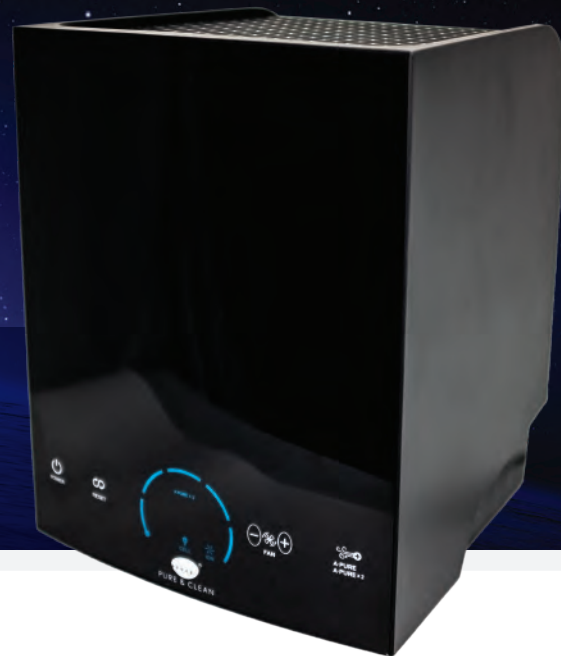
ActivePure® Technology is designed and engineered in the U.S.A.

Partnered With



# PURE & CLEAN+

The ActivePure® Pure & Clean+ is a revolutionary air purifier that substantially reduces odors, visible smoke from the air, and microbial populations on surfaces commonly found in the average home or office environment. The Pure & Clean+ features a New & Improved PATENTED ActivePure® Cell design that delivers ActivePure® faster to the air and surfaces around you.



## HOW IT WORKS

- The proprietary ActivePure® Technology uses light waves and a catalytic process to produce super oxide ions and hydrogen peroxides that destroy contaminants in the air and on surfaces.
- Features a high intensity UVC light that makes use of the same oxidation and ionizing properties of light as naturally occurring sunlight
- Certified Space Technology continuously protects and purifies the environment
- Proven effective in independent studies against bacteria, viruses, mold and fungi in the air and on surfaces

## SPECIFICATIONS:

| ActivePure® Pure & Clean | Model MR0824-746*(ozone free)<br>*MEETS CALIFORNIA OZONE EMISSIONS LIMIT. CARB CERTIFIED .                                      |
|--------------------------|---|
| ActivePure® Cell         | 1 included  |
| Electrical               | Input Voltage: 100 ~ 240 VAC; 50/60 Hz external power supply;<br>DC 24 Volts; 1.5 Amps Max.<br>Power Consumption: 43 Watts Max. |
| Mechanical               | Nominal Airflow Rate: 40-60 CFM Fan   |
| Dimensions               | 11.75" H x 9.5" W x 10" D (29.8 cm x 24.1 cm x 25.1 cm)   |
| Weight                   | 7.6 lbs (3.45 kg)   |
| Operating Temperature    | 34°F – 100°F  |
| Coverage                 | 500 sq. ft. to 3,000 sq. ft.  |
| Warranty                 | Limited 3 year warranty   |



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Proudly Designed,  
Developed and  
Engineered in the USA.  
Assembled in P.R.C.

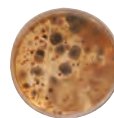
The ActivePure® Technology built into each ActivePure® Pure & Clean+ is based on a variation of the technology originally developed for use on the International Space Station and is recognized as the exclusive Certified Space Technology™ in its category.

## BENEFITS

- New & Improved PATENTED ActivePure® Cell destroys over 99.99% of all surface and airborne contaminants
- Reduces airborne contaminants and allergens that can trigger asthma and allergy symptoms
- Freshens air and removes odors in otherwise stale-prone environments
- Removes dirt and dust from the air to make cleaning easier
- Portable, no installation required
- Destroys VOCs, smoke and odors

## UNIQUE FEATURES

- HEPA filter included
- Positive and Negative Multipoint and RF Ion Generation
- Five Speed Fan
- LED Display
- Maintenance Reminders
- Depart Room Mode with Adjustable Digital Timer
- Replaceable ActivePure® Cell
- Removable Rear Grill
- Universal Power Supply with cords



Before ActivePure®Technology



After 8 hours with  
ActivePure® Technology

Before and after laboratory tests showing reductions of airborne contaminants with the ActivePure®Technology

Based on preliminary test results. Field results may vary. Results do not constitute scientific substantiation.

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# ActivePure® Air Scrubber Mobile

WITH CERTIFIED SPACE TECHNOLOGY™



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Engineered  
in the USA

## PEACE OF MIND - IN TRAVEL SIZE

In today's modern environment with additional safety measures being paramount, confined spaces are not as safe as they used to be. The Mobile Air Device provides the latest ActivePure® UV Technology to decontaminate your personal space inside a car, truck, trailer, limo, bus, camper or hotel room.

The Air Scrubber Mobile is a fully portable, pocket-sized unit that significantly reduces pathogens, contaminants, viruses, bacteria, pollutants and unpleasant odors

Available as a revenue generating resale item

Utilizing patented ActivePure® Technology, ActivePure® is the most powerful air and surface purification technology ever developed:

- Certified Space Technology
- 99.99% surface and airborne pathogens including viruses, bacteria, mold, fungi, & allergens
- Used on the International Space Station!
- 15+ Years Independent Lab Testing



Great for use in:

- Cars/SUVs/Trucks
- Great for traveling
- Small hotel rooms of 350 sqft or less
- Comes with Car Adapter
- Multiple Adapters for International Travel

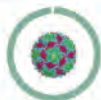
## ActivePure®

ANTIMICROBIAL EFFECTIVENESS

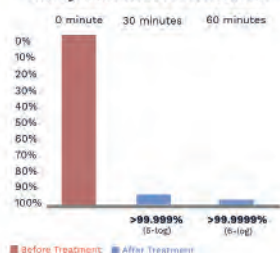
### MS2 bacteriophage RNA Virus

Reduction of Airborne Contaminants

99.9999%  
Reduction after 60 minutes  
treatment



### Average Percent RNA Virus Reduction



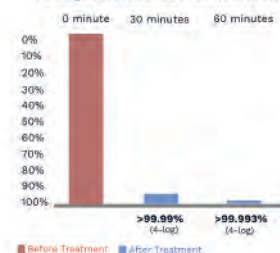
### Phi-X147 bacteriophage DNA Virus

Reduction of Airborne Contaminants

99.993%  
Reduction after 60 minutes  
treatment



### Average Percent DNA Virus Reduction



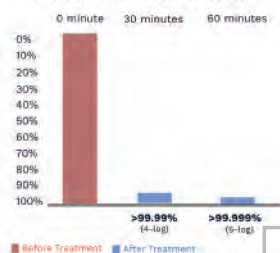
### Erwinia herbicola – Gram-negative Bacteria

Reduction of Airborne Contaminants

99.999%  
Reduction after 60 minutes  
treatment



### Average Percent Bacteria Reduction



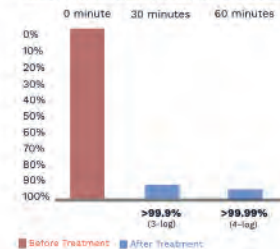
### Aspergillus Niger Fungal Mold

Reduction of Airborne Contaminants

99.99%  
Reduction after 60 minutes  
treatment



### Average Percent Spore Forming Mold Reduction



### NEW ACTIVEPURE® MEDICAL UNIT TESTING

Complying with FDA Protocols in a FDA Certified Compliant Laboratory Net Log  
Reduction Phi-X147 of Bacteriophage Virus Bioaerosol

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# ActivePure® Hydroxyl Blaster

WITH CERTIFIED SPACE TECHNOLOGY™



Engineered  
in the USA

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## How it Works

The most powerful, advanced, air and surface purification system ever. This portable unit uses ActivePure Technology to create a pristine, healthy environment by removing and destroying virtually all particles and contaminants from the air and surfaces.

Designed to destroy MRSA, E. coli, fungi, H1N1, H5N8, HAV, Norovirus, Strep, Listeria, VOCs and other dangerous contaminants listed on testing pages

- Quickly and powerfully works to clean and decontaminate the environment
- Destroys smoke and odors
- Removes VOCs

## Unique Features

- Fully portable and easy to transport
- Treats up to 30K sq ft based on occupancy
- Ideal where HVAC ducts are inaccessible
- Not harmful to humans, pets and plants
- Worldwide exclusive rights as Certified Space Technology, as used on the International Space Station
- No ozone

## Ideal For

- Event Centers
- Theatres & Concert Halls
- Gyms
- Commercial Office Space
- Spas
- Banquet Halls
- Trade Shows
- Conference Halls
- Indoor Stadiums
- High School Gyms



## Specifications

| Hydroxyl Blaster            | Model Number MR0824-667               |
|-----------------------------|---------------------------------------|
| Power Consumption           | 172 Watts                             |
| Recommended Treatment Space | Up to 30,000 ft³                      |
| Input Voltage               | 120 VAC                               |
| Dimensions                  | 22" H x 13" W x 13" D                 |
| Weight                      | 24 lbs (5.44 kg)                      |
| Operating Temperature       | 34°F - 130°F                          |
| Warranty / Service Life     | 5 year limited                        |
| Sound Level                 | 57 dbA (equivalent to a refrigerator) |



ActivePure® Technology is designed,  
engineered in the U.S.A.

# ActivePure® Induct

WITH CERTIFIED SPACE TECHNOLOGY™  
DUCT MOUNTED SYSTEM

## The Technology

The ActivePure® Induct substantially reduces odors, visible smoke in the air, and microbial population on surfaces\*, utilizing the patent pending ActivePure® Technology. ActivePure® consists of a special UV light and photocatalyst target, creating an advanced Oxidation Process containing several friendly oxidizers. Certified Space Technology continuously protects and purifies the air, and attacks contaminants on all surfaces.

## Description

- Duct or plenum installed natural air system
- Discreet or concealed installation
- 100/277 volt option available
- UV bulb monitoring indicator included
- Low maintenance - no cleaning required
- Purifies the air and reduces particles that can irritate allergies and asthma
- Protects people from dangerous contaminants and pollutants, and protects heating and cooling systems from dust buildup.



## Applications

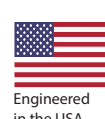
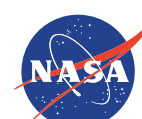
- HVAC systems with accessible ducts
- Residential and commercial use
- Apartments
- Offices

## Installation

- Integrates with any current HVAC system
- Adaptable for system upgrades
- **Custom fabrication for ANY HVAC system**

## SPECIFICATIONS

| ActivePure® Induct |   |
|--------------------|---|
| Ozone Production   | 0.00 ppm with ozone-free replaceable ActivePure® Cell |
| Electrical         | Input voltage: 24 volts, 1A                           |
| Mechanical         | Distribution via air handler                          |
| Dimensions         | 8.5"H x 8.5"W x 11"D                                  |
| Weight             | 3 lbs.  |
| Operating Temp     | 32° F – 200° F  |
| Coverage           | 750 - 20,000 sqft                                     |



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\*Published scientific studies conducted on behalf of activTek by Dr. James Marsden at Kansas State University demonstrated that z's ActivePure® Technology substantially reduces microbial populations on surfaces. The study's results are being provided solely for informational purposes. The study's results have not been reviewed by the FDA, EPA or any other governmental agency. Our products are not medical devices and are not intended to diagnose, treat, or cure any disease. We make no claims and no claims should be inferred as to the efficacy of our products to sanitize, disinfect or kill germs or other antimicrobials.



## Product Summary


**Medical Guardian**

**Hydroxyl Blaster**

**Pure & Clean+**

**Air Scrubber Mobile**

**Induct Units**

|                 | Medical Guardian             | Hydroxyl Blaster   | Pure & Clean+          | Air Scrubber Mobile | Induct Units  |
|-----------------|------------------------------|--------------------|------------------------|---------------------|---|
| Model Number    | MR0824-GAMD                  | MR0824-667         | MR0824-746             | MR0824-9940059      | MR0824-US40664B<br>MR0824-US40663B<br>MR0824-US40662B<br>MR0824-US40659B<br>MR0824-US |
| Treatment Space | 3,000 sqft/ 8-10 ft ceilings | up to 30,000 sqft  | 500 - 3,000 sqft       | 350 sqft            | 750 - 20,000 sqft   |
| Input Voltage   | 120 VAC, 60Hz 1.0 Amp        | 120 VAC            | 100 ~ 240 VAC          | —                   | 24 Volts, 1A  |
| Dimensions      | 26.5" H x 11.5" W x 21" D    | 22"H x 13"W x 13"D | 11.75"H x 9.5"W x 10"D | 1"H x 3 1/2"W x 6"L | 8.5"H x 8.5"W x 11"D  |
| Weight          | 48 lbs                       | 24 lbs             | 7.6 lbs                | —                   | 3 lbs   |
| Warranty        | 1 year limited / 3 years     | 5 year             | Limited 3 year         | 1 year              | 1 year limited / 3 years  |
| ActivePure®     | ✓                            | ✓                  | ✓                      | ✓                   | ✓   |

†



This device conforms fully to the EMC requirement of IEC 60601-1-2 and is suitable for use in a professional healthcare environment.

This device is not effected by RFID, wireless networks, 2-way radios, paging systems, etc., as the device does not transmit or receive RF signals or create EMF beyond the required limites.

Do not use device with an extension cord as unintended EMF may be created

This device is grounded to prevent electrostatic discharge

- Do not use RF communication or magnetic field generating equipment within 30cm of the device
- EMC testing shows no conducted or radiated electromagnetic emissions or immunity issues which would be adverse to the patient or operator.

The use of this device in a manner other than described in the user manual or a modification of the device could result in increased electromagnetic emissions or decreased immunity.

If device is operating in an unexpected manner or causing unexpected interference, discontinue using the device, review the user manual or seek service.