



# RX460A

## MECHANICAL

| Parameter | Details        |
|-----------|----------------|
| Height    | 580mm          |
| Diameter  | 696mm          |
| Weight    | 37kg           |
| Material  | Aluminum alloy |

## ACOUSTIC PERFORMANCE

| Parameter              | Details |
|------------------------|---------|
| Peak SPL@1m            | 142dBA  |
| Continuous SPL@1m      | 137dBA  |
| Dispersal radius@85dB* | 405m    |
| Warning radius@70dB*   | 1153m   |
| Dispersal radius@85dB# | 708m    |
| Warning radius@70dB#   | 2239m   |

\*Empirical calculation based on air attenuation

#Calculated in ideal environmental conditions.

## ELECTRICAL REQUIREMENTS

| Parameter         | Details                                 |
|-------------------|-----------------------------------------|
| Power Consumption | 800W                                    |
| Power Input       | External 110v~220V AC to 24v DC adapter |

## ENVIRONMENTAL PERFORMANCE

| Parameter           | Details                                                                 |
|---------------------|-------------------------------------------------------------------------|
| Hot Operating Temp  | MIL-STD-810G, Method 501.5, Procedure II, Design type Hot, 60°C         |
| Cold Operating Temp | MIL-STD-810G, Method 502.5, Procedure II, Design type Basic Cold, -33°C |
| Hot Storage Temp    | MIL-STD-810G, Method 501.5, Procedure I, 70°C                           |
| Cold Storage Temp   | MIL-STD-810G, Method 502.5, Procedure I, -40°C                          |
| Operating Humidity  | MIL-STD 810G, Method 507.5, Procedure II, Aggravated Cycle              |
| Rain                | MIL-STD-810G, Method 506.5, Procedure I, Blowing rain                   |
| Salt Fog            | MIL-STD-810G, Method 509.5                                              |
| Shipboard Vibration | MIL-STD-167-1A                                                          |
| Shipboard Shock     | MIL-S-901D, Shipboard Shock, Class I, Shock grade B                     |
| Random Vibration    | MIL-STD-810G, Method 514.6, Wheeled Vehicles                            |

## SAFETY

\*Designed to meet MIL-STD-810G, MIL-STD-167-1A & MIL-S-901D

| Parameter | Details           |
|-----------|-------------------|
| safetuy   | MIL - STD - 1474D |

## ELECTROMAGNETIC COMPATIBILITY (EMC)

| Parameter | Details                                                  |
|-----------|----------------------------------------------------------|
| EMC       | FCC Part 15 class A radiated emissions; CE; MIL-STD-461F |

