RA11G

MECHANICAL

Parameter	Details
Dimensions(mm)	274×274×226
Weight	2.7kg
Material	Aluminum Alloy and Plastic

ACOUSTIC PERFORMANCE

Parameter	Details
Peak SPL@1m	143dBA
Continuous SPL@1m	133dBA
Dispersal radius@85dB*	435m
Warning radius@70dB*	861m
Dispersal radius@85dB#	794m
Warning radius@70dB#	1412m
Acoustic Beam Angle	±20° /-3dB

*Empirical calculation based on air attenuation
#Calculated in ideal environmental conditions.

ELECTRICAL REQUIREMENTS

Parameter	Details
Battery Working Time	3h(Max Power)
Battery Capacity	72Wh

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