



RB12D

ACOUSTIC MODULE MECHANICAL

Parameter	Details
Dimensions(mm)	200w×216d×276h
Weight	4.8kg
Material	aluminum alloy

ACOUSTIC PERFORMANCE

Parameter	Details
Peak SPL@1m	142dBA
Continuous SPL@1m	128dBA
Dispersal radius@85dB*	405m
Warning radius@70dB*	572m
Dispersal radius@85dB#	708m
Warning radius@70dB#	794m
Acoustic Beam Angle	±15° @ 2kHz/-3dB

*Empirical calculation based on air attenuation

#Calculated in ideal environmental conditions.



PERFORMANCE PARAMETERS

Endurance Mileage	6km
Max Load	≥10kg
Continuous Stair Climbing Height	>16cm
Slope Walking Ability	≥ 40°
Max Running Speed	3.7m/s
Jump Height (off ground)	35cm
Endurance Time	1-2h

BASIC PARAMETERS

Standing Size (L×W×H)	63cm×36cm×42cm
Prone Size (L×W×H)	67cm×42.5cm×15cm
Total Weight (incl. battery)	15kg (battery included)
Battery	Nominal Capacity 5Ah, Voltage 43.2V
Operating Temperature	0°C~40°C
Protection Rating	IP54
External Expansion Interfaces	Ethernet Port, USB Port, SBUS Port, UART Port, Power Port