

Sound Masking Generator | Model: N-MG3-024-DS00



Certifications



Installation

The **Sound Masking Generator** needs to be connected to an emitter like the Bubblynet speaker and then can be provisioned into any mesh network.

Connectivity

Devices are repeaters for other devices and should be installed within a certain maximum distance from each other.

Typical maximum distance:

Outdoor (line of sight): 200ft

Indoor (through building material):

Glass: 100ft

Drywall: 70ft

Cinderblock: 60ft

Brick: 50ft

Concrete + rebar 0ft

Devices with external antenna should have the antenna outside any metal box and away from metal surfaces as metal reduces connectivity.

For design purposes a 60ft. maximum distance is appropriate for most installations.

Specifications

- Input Power: 24 VDC, 250mA Max
- Output Power: 3.2W at 4Ω, 10% THD, 1.8W at 8Ω, 10% THD;
- PSRR: 77 dB typ @ 1KHz;
- I2S sample rates from 8kHz to 96kHz;
- Sound Pressure Range: 38-49dB;
- Sound Masking:
 - White Noise
 - Pink Noise
 - Brown Noise
- Single emitter addressability Bluetooth
- Mesh Integration
- Adjustable Volume
- Integration with Microphone and Motion Sensor
- Coverage 80 sq ft
- Driver Dimensions - 3.54" x 1.7" x 1.36"
- (90 x 43.2 x 34.5 mm)

Description

The **Sound Masking Generator** systems are carefully built amplifiers to create a quiet, unobtrusive background ambient sound similar to airflow.

Applications

- Integrates with BubblyNet Application
- Open-Plan Office
- Education
- Hospitality
- Healthcare
- Government