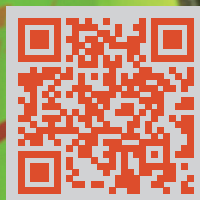


**OPSMEN**®

**2023**  
**PRODUCT CATALOG**

Official Website



# OPSMEN TECH Co, LTD.

## Introduction

Established in 2016, OPSMEN TECH CO., LTD has a first-class acoustic laboratory and automated factory in China, and its product line covers personal hearing protection equipment, noise-cancelling headphones, PTT, and personal hearing aids. Products are widely used in military police, hunting, fire rescue, industrial production, construction and mining. The products have passed the international ISO9001 quality management system certification, ANSI, CE, AS / NZS professional testing.

### DUTY

To protect the people we care about  
from every field

### VISION

To become the leading brand of  
listening products trusted by users

### ENTERPRISE VALUE

User First  
Unique and Realistic  
Dedication to excellence  
Integrity and honesty  
Improving Together

### Company History

**2022**

Over 1 million professionals users

**2021**

Invited to participate in the police  
system teaching program recording

**2019**

Listed on the list of high-tech enterprises

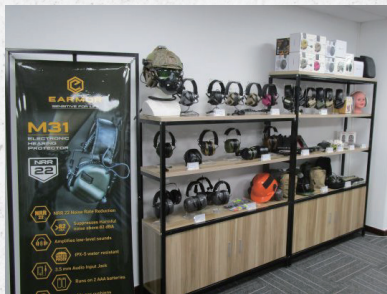
**2017**

Obtained the first national patent  
certification

**2016**

Establishment





**10+**

The company has ten years of development experience, can produce professional products, and provide comprehensive service solutions

**17+**

There are a total of 17 elite expert teams all over the world, and the successful cooperation projects are as high as 7000+

**100+**

The company has more than 100 employees, including senior engineers and professional technicians

**5000+**

The factory covers an area of 5000 square meters, with professional optical and acoustic laboratories and automated production lines



A person wearing a blue hoodie, safety glasses, and large black earmuffs is working on a wooden structure. They are using a power tool, possibly a drill or sander, on a wooden beam. The background shows a construction site with various materials and a vehicle.

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# ELECTRONIC EARMUFFS



## C51 NRR 24



Bluetooth 5.3



Noise Suppression



Situational Awareness

## FEATURES

- Bluetooth® function communication and entertainment
- Hearing protection in high noise environment
- Clear voice tracking
- Rechargeable lithium battery with 60 hours battery life
- 5 levels of ambient volume adjustment
- Power-on, power-off, low-battery voice prompts
- 2-hour standby auto shutdown
- 1 Type-C data cable for charging

## COLORS

■ Blue

■ Black

■ Green

■ Red



## NRR: 24dB

C51 attenuation data, according to the specifications of the American National Standards Institute ANSI S3.19-1974

Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000	NRR
Mean attenuation (dB)	12.3	24.7	37.3	35.7	35.2	40.5	34.8	27.0	13.9	24
Standard	1.1	0.3	1.0	1.7	3.1	2.4	4.4	2.8	1.3	



# ELECTRONIC EARMUFFS

## M30

NRR **24**



Noise reduction



AUX JACK



Situational Awareness

## FEATURES

- Dynamic voice tracking
- 3.5mm AUX audio input cable
- Low profile cup design
- Amplifies weak sounds
- Runs on 2x1.5V AAA batteries
- 4-hours standby auto shutdown
- CE / RoSH / FCC / US D859,335 S / ANSI S3.19-1974



## COLORS

■ Black

■ Green

■ Tan

**NRR: 24dB**

M30 attenuation data, according to the specifications of the American National Standards Institute ANSI S3.19-1974

Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000	NRR
Mean attenuation (dB)	15.8	19.3	28.4	36.6	36.5	43.1	45.3	43.4	45.3	24
Standard	3.0	2.8	2.6	2.7	3.0	4.3	3.9	3.8	3.9	



# PASSIVE EARMUFFS



## M06 EARMUFFS

### COLORS

■ Black ■ Green ■ Tan



### M06A HEADBAND

**NRR 24**

- Low profile design
- Soft foam earpads
- Fold-away, padded headband
- Individually packaged
- Custom imprinting available



### M06N NECKBAND

**NRR 22**

- Can be worn with hard hats, shields and other PPE
- Adjustable and durable neckband
- Large soft foam earcups
- Earcups tilt for optimum comfort



### M06H HELMET-ATTACHMENT

**NRR 24**

- Soft foam earpads
- Fits Common models of hard hats
- Easily accessible while working

**NRR: 24dB** M06 attenuation data, according to the specifications of the American National Standards Institute ANSI S3.19-1974

Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000	NRR
Mean attenuation (dB)	14.5	20.5	31.4	40.3	37.0	40.7	34.7	34.4	34.9	24
Standard	2.6	1.9	2.5	3.1	3.1	4.0	4.3	4.2	4.1	



# PASSIVE EARMUFFS

## C5 EARMUFFS

Meet CE/RoSH/ANSI S3.19-1974 Standards/EN352-1:2002/EN352-4:2001/AI:2005/EN352-5:2002/AI:2005/EN352-6:2002/FCC Standards



### C5A HEADBAND

**NRR 26**

- Soft foam earcups
- Adjustable to fit all sizes
- Fold-away, padded headband
- Individually packaged
- Custom imprinting available



### C5N NECKBAND

**NRR 24**

- Can be worn with hard hats, shields and other PPE
- Adjustable and durable neckband
- Soft foam earcups
- Earcups tilt for optimum comfort



### C5H HELMET -ATTACHMENT

**NRR 26**

- Double-Shell Structure
- Low profile passive earmuffs
- Fits Common models of hard hats

**NRR: 26dB** C5 attenuation data, according to the specifications of the American National Standards Institute ANSI S3.19-1974

Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000	NRR
Mean attenuation (dB)	11.6	16.0	31.7	39.0	31.3	27.3	29.6	31.4	38.9	26
Standard	1.7	2.3	3.2	3.5	3.1	2.2	1.7	2.5	3.8	



# C6 EARMUFFS

Meet CE/RoSH/ANSI S3.19-1974 Standards/EN352-1:2002/EN352-4:2001/AI:2005/EN352-5:2002/AI:2005/EN352-6:2002/FCC Standards



## C6A HEADBAND

**NRR 28**

- Soft foam earcups
- Adjustable to fit all sizes
- Fold-away, padded headband
- Individually packaged
- Custom imprinting available



## C6N NECKBAND

**NRR 26**

- Can be worn with hard hats, shields and other PPE
- Adjustable and durable neckband
- Soft foam earcups
- Earcups tilt for optimum comfort



## C6H HELMET -ATTACHMENT

**NRR 28**

- Double-Shell Structure
- Low profile passive earmuffs
- Fits Common models of hard hats

**NRR: 28dB** C6 attenuation data, according to the specifications of the American National Standards Institute ANSI S3.19-1974

Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000	NRR
Mean attenuation (dB)	12.1	22.9	36.0	42.7	32.1	27.6	30.8	32.4	40.4	28
Standard	1.8	3.3	3.6	3.9	3.2	2.2	1.7	2.6	4.0	



# PASSIVE EARMUFFS

## C7 EARMUFFS

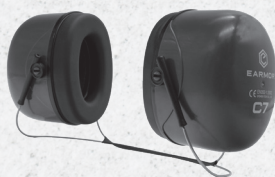
Meet CE/RoSH/ANSI S3.19-1974 Standards/EN352-1:2002/EN352-4:2001/AI:2005/EN352-5:2002/AI:2005/EN352-6:2002/FCC Standards



### C7A HEADBAND

**NRR 32**

- Soft foam earcups
- Adjustable to fit all sizes
- Fold-away, padded headband
- Individually packaged
- Custom imprinting available



### C7N NECKBAND

**NRR 30**

- Can be worn with hard hats, shields and other PPE
- Adjustable and durable neckband
- Soft foam earcups
- Earcups tilt for optimum comfort



### C7H HELMET -ATTACHMENT

**NRR 32**

- Double-Shell Structure
- Low profile passive earmuffs
- Fits Common models of hard hats

**NRR: 32dB** C7 attenuation data, according to the specifications of the American National Standards Institute ANSI S3.19-1974

Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000	NRR
Mean attenuation (dB)	14.6	25.9	39.6	44.1	33.0	29.7	31.5	32.8	42.1	32
Standard	2.1	3.8	4.0	4.0	3.3	2.4	1.8	2.6	4.1	



# HARD HAT EARMUFFS

## C51H

**NRR 24**



Bluetooth 5.3



Noise Suppression



Situational Awareness



## FEATURES

- Bluetooth® Connection
- Fits Common models of hard hats
- Clear communication in noisy environment
- Environmental awareness
- Flip up when not in use Individually packaged

## COLORS

- Blue
- Black
- Green
- Red



## NRR: 24dB

C51H attenuation data, according to the specifications of the American National Standards Institute ANSI S3.19-1974

Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000	NRR
Mean attenuation (dB)	12.3	24.7	37.3	35.7	35.2	40.5	34.8	27.0	13.9	24
Standard	1.1	0.3	1.0	1.7	3.1	2.4	4.4	2.8	1.3	



# HARD HAT EARMUFFS

# M30H

**NRR 24**



Noise reduction



AUX JACK



Situational Awareness



## FEATURES

- Soft foam ear cups
- Fits Common models of hard hats
- Environmental awareness
- 3.5 mm AUX jack audio cable

## COLORS

Black

Green

Tan



**NRR: 24dB**

M30H attenuation data, according to the specifications of the American National Standards Institute ANSI S3.19-1974

Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000	NRR
Mean attenuation (dB)	15.8	19.3	28.4	36.6	36.5	43.1	45.3	43.4	45.3	24
Standard	3.0	2.8	2.6	2.7	3.0	4.3	3.9	3.8	3.9	



# ELECTRONIC EARPLUGS



## M20 **NRR 26**

### FEATURES

- Rechargeable
- On/Off power switch
- Low battery prompt
- 2 sound effects to fit indoor and outdoor
- Auto-Shut Off after 2 hours standby
- Portable, comfortable and compatible
- Anti-lost silicone Retention cord
- Additional 3 pairs of foam eartips (S,M,L) included
- 1 Type C charging data cable

### COLORS



Black



Green



Brown



Neon yellow



Neon Green



Orange

### NRR: 26dB

M20 attenuation data, according to the specifications of the American National Standards Institute ANSI S3.19-1974

Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000	NRR
Mean attenuation (dB)	32.4	30.2	34.3	35.7	38.4	41.5	43.7	45.5	45.1	26
Standard	5.9	5.1	5.5	4.7	4.1	2.7	5.3	4.8	5.7	



# ELECTRONIC EARPLUGS

## M20T NRR 26 BLUETOOTH® EARMUFFS



Bluetooth 5.3



Noise Suppression



Situational Awareness

### FEATURES

- Rechargeable
- Ambient sound & Bluetooth® hybrid
- Three sound modes
  1. Outdoor mode - max sound and max distance
  2. Indoor mode - normal hearing and short distance
  3. Silent mode - connects to Bluetooth® mode or to call
- Clear voice tracking
- Fast reaction suppression
- Auto-Shut Off after 2 hours standby
- Additional 3 pairs of foam eartips (S,M,L) included



### NRR: 26dB

M20T attenuation data, according to the specifications of the American National Standards Institute ANSI S3.19-1974

Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000	NRR
Mean attenuation (dB)	32.4	30.2	34.3	35.7	38.4	41.5	43.7	45.5	45.1	26
Standard	5.9	5.1	5.5	4.7	4.1	2.7	5.3	4.8	5.7	



# EARPLUGS

## M01

NRR **33**



- Soft Foam Ear Plugs
- Comfortable fit
- Hearing protection in the noisy environment
- Meet CE/RoSH/ANSI 3.17-1974/AS-NZS standards

## M02 (CORDED)

NRR **33**



- Soft Foam Ear Plugs
- Comfortable fit
- Hearing protection in the noisy environment
- Meet CE/RoSH/ANSI 3.17-1974/AS-NZS standards

## M03

NRR **23**



- Silicone Ear Plugs with washable triple-flange design
- Comfortable fit
- Hearing protection in the noisy environments
- Meet CE/RoSH/ANSI 3.17-1974/AS-NZS standard

## M04 (CORDED)

NRR **23**



- Silicone Ear Plugs with washable triple-flange design
- Comfortable fit
- Hearing protection in the noisy environments
- Meet CE/RoSH/ANSI 3.17-1974/AS-NZS standard



# MARKER LIGHTS

## F101

### “STEALTH” SURVIVAL LIGHT

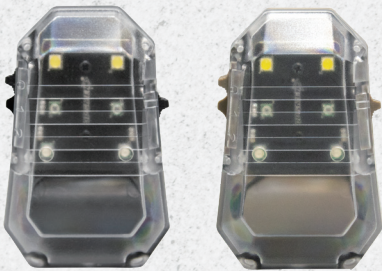
Mounted on the vest&hard hat, It is mainly used for identification and positioning in low-light environments.



### FEATURES

- OUTPUT: Green Light (Constant )
- White (Flash)
- IR (US 60fpm)( NATO 30fpm)
- Shock resist & Waterproof
- FAA standard with 3 mile viewing distance
- Long run time
- Battery: 1 x CR123A

### COLORS



Black

Tan

### OPERATION

Output	Green	White	IR
Function	Constant	Flash	US (60fpm)
			NATO(30fpm)
Runtime	200h	56h	10h



# F102

## "FIRELY" MARKER LIGHT

Marker light which can mounted in helmet, clothes and bag ,etc. Mainly used in military ,training/action, outdoor sports, search and rescue, daily commuting for locate, identify and mark.

## FEATURES

- OUTUP: Constant Light / Flash (60fpm) / IR
- Waterproof: IPX8
- Working temperature: - 20 °C ~ 60 °C
- Battery: 1 x CR2450



## COLORS



## OPERATION

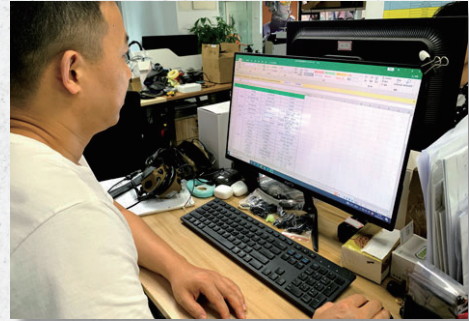
Output	Green	Red	Yellow	Blue	White	IR
Function	Constant					
	Flash (60fps)					
Runtime	260hrs	200hrs	80hrs	460hrs	400hrs	80hrs



# OUR R&D WORK PROCESS

## Inquiry Study & Spec. Evaluation

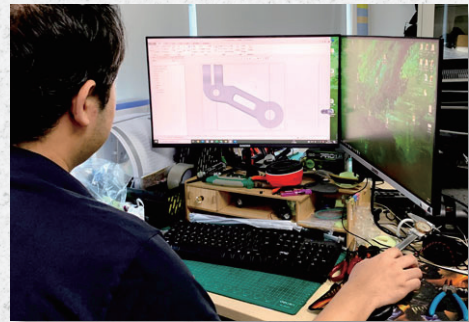
Leadtime: 3 days



## UI Definitions

ID confirmation Constructure Design

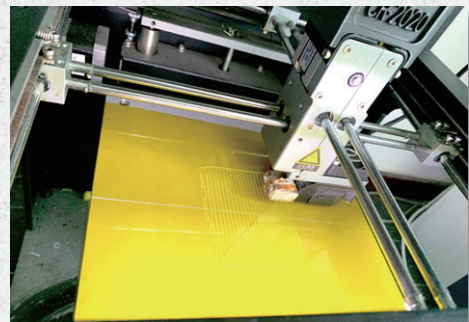
Leadtime: 14 days



## EVT Sample Test

Prototype Production With 3D Printer

Leadtime: 20 days



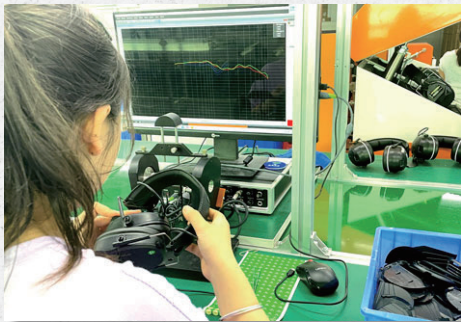




## DVT Sample Test

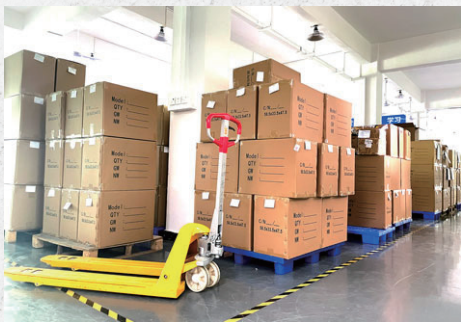
T0&TPI&TP2 Sample Test

Leadtime: 40 days



## Pre-production Sample test

Leadtime: 30 days



## Mass Production

Leadtime: 30-40 days





## WORLDWIDE DISTRIBUTORS



 Albania	 America	 Australia	 Austria
 Belgium	 Brazil	 Britain	 Bulgaria
 Canada	 Chile	 Cyprus	 Czech
 Denmark	 Estonia	 Finland	 France
 Germany	 Greece	 Hungary	 Indonesia
 Italy	 Japan	 Korea	 Lithuania
 Malaysia	 Mexico	 Nederland	 New Zealand
 Norge	 Paraguay	 Peru	 Poland
 Philippines	 Romania	 Russia	 San Marino
 Saudi Arabia	 Singapore	 Slovakia	 South Africa
 Spain	 Switzerland	 Thailand	 Turkey

### OPSMEN TECH CO., LTD.

Tel: +86 20 81179170 Fax: +86 20 81179171

E-mail: [info@opsmen.com](mailto:info@opsmen.com)

Customer Service E-mail: [cs@opsmen.com](mailto:cs@opsmen.com)

Add: Room 601, Building A, No.94 Liwan Road, Liwan District, Guangzhou, Guangdong Province, China 510170

