

2025/2026



金海納集團
J&Y GROUP

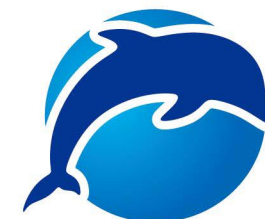
www.cn-safety.com



GuangDong J&Y Industrial Co., Ltd.
Guangzhou J&Y Safety Products Manufacturer Co., Ltd.
Main Plant Add: No.285 Juhuashi Rd, Huashan Town, Huadu District,
Guangzhou, Guangdong, China

J&Y SAFETY (M) SDN. BHD.
Branch Plant Add: No. 3 Jalan Modal 23/2, Kawasan Miel, Seksyen 23,
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J&Y SAFETY

To be the most professional manufacturer of Head Protection Products!



Main Plant Guangdong J&Y Industrial Co., Ltd.

COMPANY PROFILE

(General Plant) of the production base.Guangzhou J&Y Safety product manufacturing Co., Ltd. (Main plant) established in 2008.The two factories are only 20 minutes away from Guangzhou New Baiyun Airport, adjacent to Huadu port, with superior geographical location. Our company is an integrated enterprise of R & D, production and sales of head protective equipment, covering an area of 30000 Sq meter in the total plant, 20000 Sq meter in the branch plant, 10 million in the total registered capital, 8.99 million in the branch plant, more than 400 production line employees and management personnel, 60 management personnel and 20 engineering R & D personnel. We has successively obtained more than 118 patents and "high tech enterprise certificate". The main products are Pu earplug, silicone earplugs, earmuffs, safety goggles, electronic earmuffs, communication earmuffs, protective masks, medical masks, medical goggles, safety helmets, etc. The products are mainly used for personal protection, including factories, mines, military, aviation, tourism, sports, medical and daily use.

The company adheres to the business philosophy of "being the most professional head protection manufacturer in China", pays attention to talents, strict management and product passing; ISO90001 / 13485, European CE certification, American ANSI certification and Australian as / NZS certification.

The company has independent import and export rights, 80% of the products are sold to the United States, Europe, Australia, Japan, Hong Kong and Taiwan, etc., the company is recognized by new and old customers with high-quality product performance, affordable price and good after-sales service.

The company has been committed to; the pursuit of excellent quality, sincere service to customers! Has been committed to the head of security products in the field of excellence! Has been committed to creating value for customers!

2008
FOUNDED

750+
EMPLOYEE

OEM & ODM
SERVICE

30.000M²
FACTORY AREA

56.000M²
WORKSHOP AREA



Branch Plant J&Y SAFETY (M) SDN.BHD.

COMPANY PROFILE

J&Y SAFETY (M) SDN.BHD. is located in Shah Alam,Selangor, KL, covering an area of 2,000 squaremeters and a construction area of more than 4,000 squaremeters. There are more than 30 production front-line employees and management personnel, and a total of 10 engineering R&D personnel teams.

Main products: PU earplugs, silicone earplugs, protective earmuffs, electronic earmuffs, communication earmuffs, and safety helmets, etc.

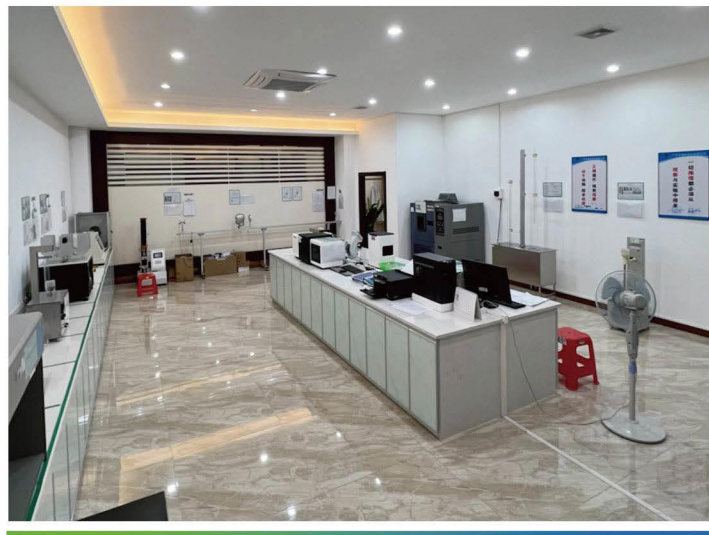
2024
FOUNDED

40+
EMPLOYEE

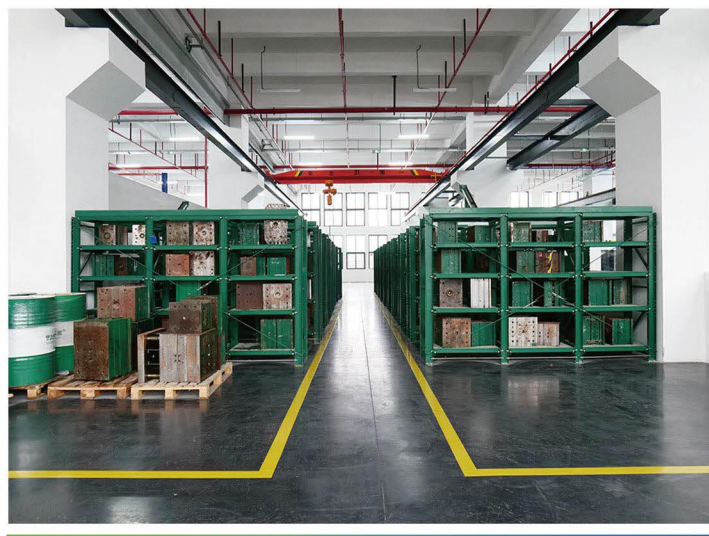
OEM & ODM
SERVICE

2.000M²
COVERING AN AREA

4.000M²
CONSTRUCTION AREA



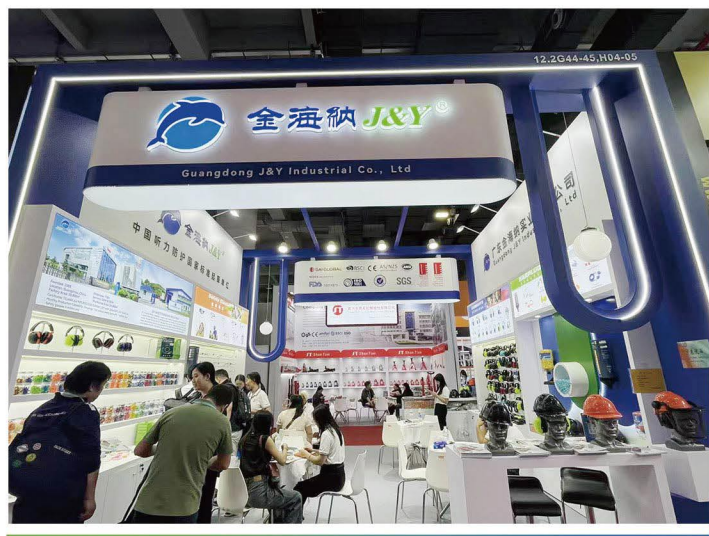
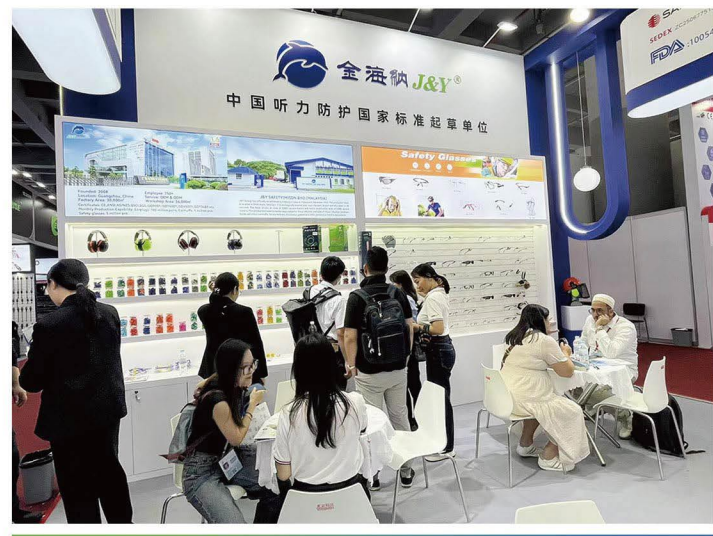
EARPLUGS WORKSHOP



EARMUFFS WORKSHOP



J&Y GROUP



J&Y GROUP







- CE EN 352
 - Test By Michael Associates Inc.
 - Certification Notified Body: SATRA Technology Europe Limited.
 - Notified body Number : 2777
- ANSI S3. 19-1974
 - AS/NZS 1270:2002
 - Test by Micheal Associates Inc.
- Eyewear compliant with

 - EN 166: 2001
 - ANSI Z87.1
 - AS/NZS1337.1

NEW Earplug	01-02
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EP-01



- Unique and innovative design that breaks industry norms
- Exceptional wearing comfort
- Superior noise reduction performance

ED-200



- Unique and innovative product design
- Disposable and replaceable concept
- Designed for sustainability

EC-3010



Convenient

Washable and Reusable
Environmentally friendly, sustainable use.
Excellent noise reduction for a quiet atmosphere.
Filter out noisy noise in noisy places and improve the efficiency of work.

Compatible with

Designed to be compatible with earmuff or other PPE

Replace Pods

Size: Medium



Size: Large



EN 352-2:2020
SNR 29dB

ANSI S3. 19-1974
Noise Reduction Rate
NRR 25dB

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	28.7	29.7	27.6	28.0	33.0	37.3	34.2
Standard deviation Sf [dB]	3.0	3.5	3.8	3.1	3.3	2.7	4.6
APV Mf-Sf [dB]	25.6	26.2	23.8	24.9	29.7	34.6	29.6

SNR=29dB SNR _M =31.7dB SNR _S =2.7dB	H=30dB H _m =32.7dB H _s =2.7dB	M=26dB M _m =28.9dB M _s =2.9dB	L=26dB L _m =28.5dB L _s =3.0dB
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EB-8001C



Bluetooth

Bluetooth function, transmission distance greater than 10M. Can connect to devices such as mobile phones.



Environmental sound

When the ambient sound is low, amplify it to facilitate communication; When the ambient sound is high, reduce the sound to a safe level to protect hearing.



Noise reduction

Has noise reduction capability, used to reduce noise in places and protect hearing.



Communication

You can answer phone calls, play music, and use voice assistants to let go of your hands.



Bluetooth Hearing Protection Earbuds Headphones



FEATURES	
Version	5.3
Input	3.7V
Battery	120mAh
Working Time	>10h
Connection Range	>10m/33ft
Charging Port	Type-C
Charging Time	2 hours

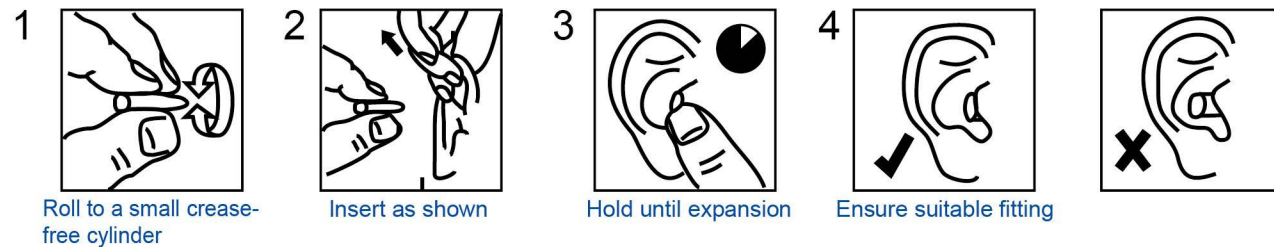


Hearing Protection by J&Y

All earplugs we produced are with premium quality, raw material original from Germany. They are tested by the authoritative Laboratory of NVLAP certification in US.

User Instruction for PU foam earplugs

The best rebound time in the ear canal is around 30-40 seconds under human body temperature, neither too fast nor too slow as it allows the plug fully insert the ear canal. However, Rebound time will vary with the ambient temperature goes too hot or too cold when fitting the earplug.



Earplug Dispenser

With the Ear Plug Dispenser Plug station, you can afford to put earplugs in all the places they're needed. Available in 250 and 500 pairs per dispenser, Plug Stations increase compliance thanks to their high visibility construction.

ED-250
with 250 pairs earplugs

ED-250S
with mounting bracket

FITS: EC-1001A / EC-1003A / EC-1005A / EC-1006A / EC-1007A / EC-1008A

- * Sold as 250/box
- * Earplugs dispenser eliminates the need for individual paper/polybag packaging, good for environment.
- * Convenient, dispenser delivers one uncorded foam ear plug with a gentle turn. Earplug drop right into the palm of your hands or tray, no need to worry about the earplugs falling on the floor
- * Free-standing or wall-mounted
- * Made from ABS plastic, PVC Free & durable



ED-500
with 500 pairs earplugs

ED-500S
with mounting bracket

FITS: EC-1001A / EC-1003A / EC-1005A / EC-1006A / EC-1007A / EC-1008A

- * Sold as 500/box
- * Earplugs dispenser eliminates the need for individual paper/polybag packaging, good for environment.
- * Convenient, dispenser delivers one uncorded foam ear plug with a gentle turn. Earplug drop right into the palm of your hands or tray, no need to worry about the earplugs falling on the floor
- * Free-standing or wall-mounted
- * Made from ABS plastic, PVC Free & durable



EC-1001A
EC-1001A-C
EC-1001A-C-D
(Metal Detectable)



Features and Benefits:

Comfortable

Soft PU foam material for low pressure inside the ear
Slow rebound allows fully attach to ear canal
Design to fit majority ear canal with premium comfort and protection

Convenient

Bullet design fits most ear canals making the plugs easier to use
Dispenser available (ED-250, ED-500)
Nylon cord or PVC cord helps prevent earplugs loss



EN 352-2:2020
SNR 38dB

ANSI S3.19-1974
Noise Reduction Rate **NRR 32dB**
AS/NZS 1270:2002
SLC(80) = 26.1dB CLASS 5

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	30.1	34.2	41.0	41.7	38.2	45.2	45.7
Standard deviation Sf [dB]	3.9	4.0	4.1	4.7	3.0	4.1	4.6
APV Mf-Sf [dB]	26.2	30.2	36.9	37.0	35.2	41.0	41.1
SNR=38dB							
SNRm=40.8dB							
SNRs=2.9dB							
H=37dB							
Hm=40.1dB							
Hs=2.9dB							
M=36dB							
Mm=39.5dB							
Ms=3.2dB							
L=32dB							
Lm=36dB							
Ls=3.6dB							

EC-1001A(BWG)

EC-1001A(OY)

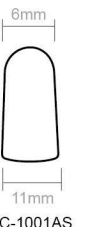


EC-1001AS
EC-1001AS-C



ANSI S3.19-1974
Noise Reduction Rate **NRR 26dB**
AS/NZS 1270:2002
SLC(80) = 16dB CLASS 2

EN 352-2:2020
SNR 34dB



EC-1003A
EC-1003A-C



EC-1003A-C-D
(Metal Detectable)



Features and Benefits:

Comfortable

Long tapered-bullet design, excellent protection against industrial-environment noise
Soft PU foam material for low pressure inside the ear
Slow rebound allows fully attach to ear canal
Design to fit majority ear canal with premium comfort and protection

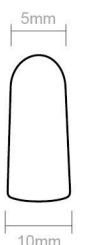
Convenient

Bullet design fits most ear canals making the plugs easier to use
Dispenser available (ED-250, ED-500)
Nylon cord or PVC cord helps prevent earplugs loss

EN 352-2:2020
SNR 37 dB

ANSI S3.19-1974
Noise Reduction Rate **NRR 33dB**
AS/NZS 1270:2002
SLC(80) = 26.4dB CLASS 5

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	28.7	32.2	39.6	40.5	37.9	42.2	46.3
Standard deviation Sf [dB]	3.6	5.2	5.4	4.3	2.9	3.1	5.4
APV Mf-Sf [dB]	25.1	27.0	34.2	36.2	35.0	39.1	40.9
SNR=37dB							
SNRm=39.5dB							
SNRs=2.5dB							
H=37dB							
Hm=39.4dB							
Hs=2.5dB							
M=35dB							
Mm=38.1dB							
Ms=2.9dB							
L=30dB							
Lm=34.0dB							
Ls=3.6dB							



EC-1005A EC-1005A-C



Features and Benefits:

Comfortable

Soft PU foam material for low pressure inside the ear
Slow rebound allows fully attach to ear canal

Convenient

Dispenser available (ED-250, ED-500)
Nylon cord or PVC cord helps prevent earplugs loss

Compatible with

Designed to be compatible with earmuff or other PPE

EN 352-2:2020
SNR 35dB

ANSI S3.19-1974
Noise Reduction Rate **NRR 32dB**
AS/NZS 1270:2002
SLC(80) = 22dB CLASS 4

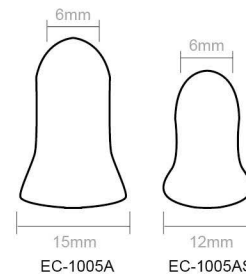
Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	31.7	31.5	35.5	37.3	36.7	43.2	45.0
Standard deviation Sf [dB]	3.6	4.4	4.2	4.1	4.1	4.0	3.0
APV Mf-Sf [dB]	28.1	27.1	31.2	33.2	32.6	39.2	42.0
SNR=35dB							
SNRm=38.2dB							
SNRs=2.9dB							
H=35dB							
Hm=38.3dB							
HS=3.4dB							
M=33dB							
Mm=36.2dB							
Ms=3.2dB							
L=30dB							
Lm=33.7dB							
LS=3.4dB							

EC-1005AS EC-1005AS-C



EN 352-2:2020
SNR 34dB

ANSI S3.19-1974
Noise Reduction Rate **NRR 28dB**



EC-1006A EC-1006A-C



Features and Benefits:

Comfortable

Soft PU foam material for low pressure inside the ear
Slow rebound allows fully attach to ear canal

Convenient

Dispenser available (ED-250, ED-500)
Nylon cord or PVC cord helps prevent earplugs loss

Compatible with

Designed to be compatible with earmuff or other PPE

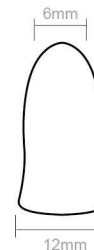
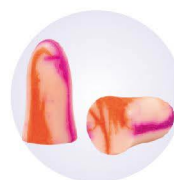
EN 352-2:2020
SNR 35dB

ANSI S3.19-1974
Noise Reduction Rate **NRR 31dB**
AS/NZS 1270:2002
SLC(80) = 19dB CLASS 3

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	33.8	31.8	36.0	37.2	36.1	41.5	45.2
Standard deviation Sf [dB]	4.8	4.5	3.9	3.6	3.7	4.0	3.1
APV Mf-Sf [dB]	29.0	27.3	32.2	33.6	32.3	37.5	42.1
SNR=35dB							
SNRm=38.1dB							
SNRs=2.8dB							
H=35dB							
Hm=37.7dB							
HS=3.2dB							
M=33dB							
Mm=36.3dB							
Ms=3.1dB							
L=31dB							
Lm=34.2dB							
LS=3.6dB							

EC-1006A(GW)

EC-1006A(OPW)



EC-1007A EC-1007A-C



Features and Benefits:

Comfortable

Soft PU foam material for low pressure inside the ear
Slow rebound allows fully attach to ear canal

Convenient

Dispenser available (ED-250, ED-500)
Nylon cord or PVC cord helps prevent earplugs loss

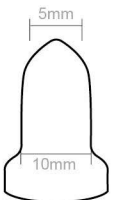
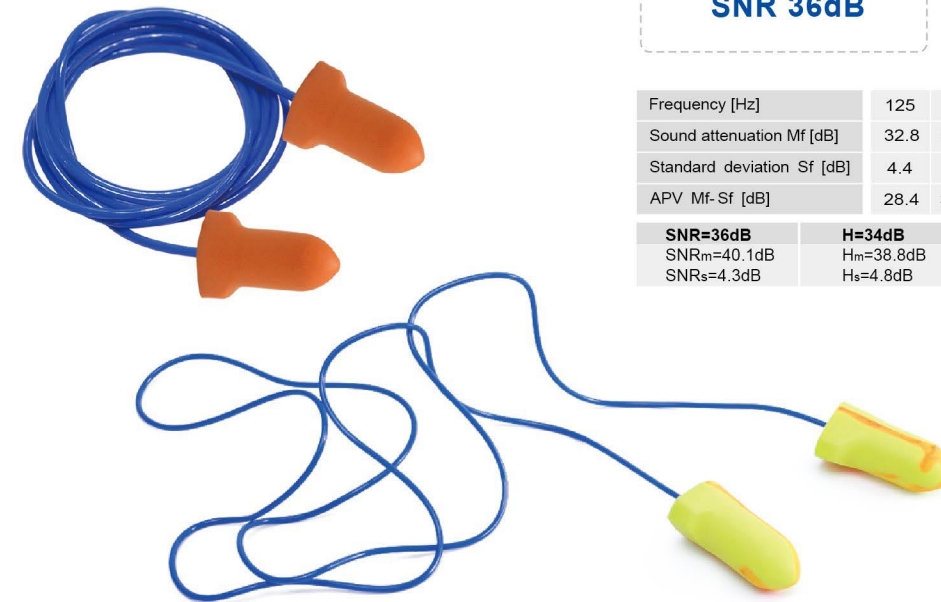
Compatible with

Designed to be compatible with earmuff or other PPE

EN 352-2:2020
SNR 36dB

ANSI S3.19-1974
Noise Reduction Rate **NRR 30dB**
AS/NZS 1270:2002
SLC(80) = 18dB CLASS 3

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	32.8	39.8	43.4	38.7	37.4	45.5	47.4
Standard deviation Sf [dB]	4.4	5.2	5.7	4.7	5.6	4.7	4.5
APV Mf-Sf [dB]	28.4	34.6	37.6	34.0	31.8	40.8	42.9
SNR=36dB							
SNRm=40.1dB							
SNRs=4.3dB							
H=34dB							
Hm=38.8dB							
HS=4.8dB							
M=34dB							
Mm=38.4dB							
Ms=4.3dB							
L=34dB							
Lm=37.8dB							
LS=4.1dB							



EC-1008A EC-1008A-C



EC-1008A-C-D (Metal Detectable)



Features and Benefits:

Comfortable

Soft PU foam material for low pressure inside the ear
Slow rebound allows fully attach to ear canal

Convenient

Dispenser available (ED-250, ED-500)
Nylon cord or PVC cord helps prevent earplugs loss

Compatible with

Designed to be compatible with earmuff or other PPE

EN 352-2:2020
SNR 35dB

ANSI S3.19-1974
Noise Reduction Rate **NRR 28dB**
AS/NZS 1270:2002
SLC(80) = 15dB CLASS 2

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	26.9	31.4	35.8	36.6	36.4	42.5	45.9
Standard deviation Sf [dB]	3.4	3.1	4.8	4.8	2.4	6.0	3.9
APV Mf-Sf [dB]	23.5	28.3	31.0	31.9	34.0	36.5	42.0
SNR=35dB							
SNRm=37.5dB							
SNRs=2.6dB							
H=35dB							
Hm=37.5dB							
HS=2.2dB							
M=32dB							
Mm=35.7dB							
Ms=3.3dB							
L=29dB							
Lm=32.4dB							
LS=2.9dB							





Application:

Suitable for sleeping, travelling, swimming, surfing, showering, studying, working and sporting events.

Reach around your head and pull up and back on your outer ear. This straightens out the ear canal, making way for a snug fit.

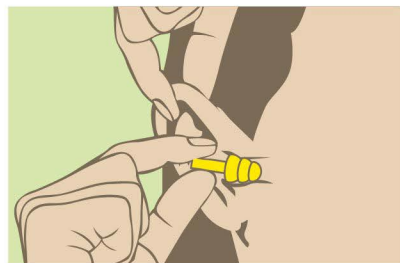
Hold the stem end of the ear plug and insert it well inside your ear canal.

Make sure you feel it sealing and the fit is comfortable.

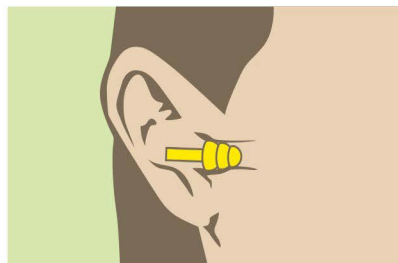
To remove, twist earplugs gently to break the seal and remove them slowly.

They should be cleaned often in mild soapy water.

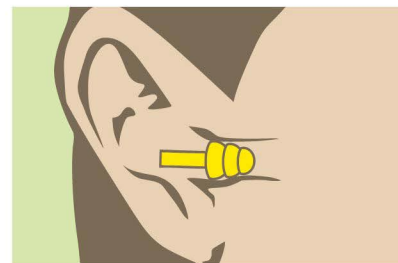
If they become hard, torn or deformed, they should be replaced.



While holding the stem, reach a hand over your head and gently pull top of your ear up and back.



Insert the earplug so all flanges are well inside your ear canal.



If properly fitted, the tip of the earplug stem may be visible to someone looking at you from the front.

<http://www.cn-safety.com>

Reusable Silicone Earplugs

J&Y

EC-2001
EC-2001C
EC-2001C-D
(Metal Detectable)



Comfortable

Pure silicone material for low pressure inside the ear

Reusable use for long time in good shape

Humidity and sweat resistant, helps preventing from moisture ramp up in the ear canal

3 layers design allows fully attach to ear canal

Design to fit majority ear canal with premium comfort and protection

Convenient

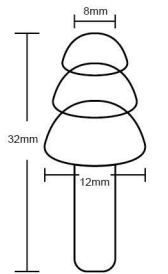
Christmas tree design fits most ear canals making the plugs easier to use Nylon cord or PVC cord, helps preventing from earplug loss

Compatible with

Designed to be compatible with earmuff or other PPE

EN 352-2:2020
SNR 32dB

ANSI S3. 19-1974
Noise Reduction Rate **NRR 26dB**
AS/ NZS 1270: 2002
SLC(80) = 24dB CLASS 4



Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	34.5	30.4	36.0	31.9	36.1	41.2	43.0
Standard deviation Sf [dB]	5.8	4.4	4.7	4.6	4.8	5.6	4.1
APV Mf-Sf [dB]	28.8	26.0	31.3	27.3	31.2	35.6	38.9

SNR=32dB SNR _m =36.3dB SNR _s =4.2dB	H=32dB H _m =36.5dB H _s =4.2dB	M=29dB M _m =33.6dB M _s =4.4dB	L=28dB L _m =32.6dB L _s =4.2dB
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EC-2001S
EC-2001S-C



Comfortable

Pure silicone material for low pressure inside the ear

Reusable use for long time in good shape

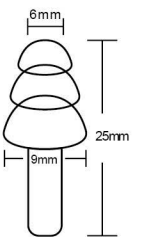
Humidity and sweat resistant, helps preventing from moisture ramp up in the ear canal

3 layers design allows fully attach to ear canal

Design to fit most ear canal with premium comfort and protection

EN 352-2:2020
SNR 28dB

ANSI S3. 19-1974
Noise Reduction Rate **NRR 20dB**



Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	30.9	28.8	31.4	33.2	33.6	29.6	35.2
Standard deviation Sf [dB]	4.9	5.0	6.2	6.1	4.3	4.6	5.6
APV Mf-Sf [dB]	26.0	23.7	25.2	27.1	29.3	25.0	29.6

SNR=28dB SNR _m =32.0dB SNR _s =3.8dB	H=28dB H _m =31.2dB H _s =3.6dB	M=27dB M _m =31.5dB M _s =4.5dB	L=26dB L _m =30.4dB L _s =4.7dB
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EC-2014
EC-2014C**Comfortable**

Pure silicone material for low pressure inside the ear
Reusable use for long time in good shape
Humidity and sweat resistant, helps preventing from moisture ramp up in the ear canal
3 layers design allows fully attach to ear canal
Design to fit majority ear canal with premium comfort and protection

Convenient

Christmas tree design fits most ear canals making the plugs easier to use Nylon cord or PVC cord, helps preventing from earplug loss

Compatible with

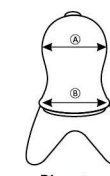
Designed to be compatible with earmuff or other PPE

EN 352-2:2020
SNR 31dBANSI S3.19-1974
Noise Reduction Rate **NRR 26dB**
AS/NZS 1270:2002
SLC(80) = 20dB CLASS 3

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	29.8	26.6	31.2	29.5	37.2	39.9	43.5
Standard deviation Sf [dB]	4.4	4.4	4.7	3.1	3.6	4.8	5.2
APV Mf-Sf [dB]	25.4	22.2	26.5	26.4	33.6	35.1	38.3
SNR=31dB							
SNR _m =33.9dB							
SNR _s =2.8dB							
H=33dB							
H _m =35.9dB							
H _s =2.8dB							
M=28dB							
M _m =30.7dB							
M _s =2.8dB							
L=26dB							
L _m =28.9dB							
L _s =3.2dB							

EC-2010L
EC-2010S

Travel Earplugs

Diameter
A = 8mm
B = 10mmDiameter
A = 7mm
B = 9mm**TRAVEL EARPLUGS**

- Reusable and easy to clean
- Perfect comfort and gentle on the skin
- Medium noise insulation
- Effectively protects from loud and bothersome noise
- Helps equalize pressure on the ears during flights
- With sanitary storage case

INSTRUCTIONS FOR USE

- 1) Slightly pull up on the ear. Push the rounded end of the earplug into the auditory canal.
- 2) Release once the earplug is seated comfortably. To remove, pull the earplug out slowly.

EN 352-2:2020
SNR 30dB

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	28.7	30.3	31.8	31.0	33.5	43.1	43.5
Standard deviation Sf [dB]	5.7	5.2	6.5	4.4	3.9	4.9	4.1
APV Mf-Sf [dB]	23.0	25.1	25.2	26.6	29.7	38.2	39.4
SNR=30dB							
SNR _m =34.0dB							
SNR _s =3.5dB							
H=31dB							
H _m =34.6dB							
H _s =3.4dB							
M=27dB							
M _m =31.3dB							
M _s =3.8dB							
L=26dB							
L _m =30.3dB							
L _s =4.3dB							

EC-2003
EC-2003C**Comfortable**

Pure silicone material for low pressure inside the ear
Reusable use for long time in good shape
Humidity and sweat resistant, helps preventing from moisture ramp up in the ear canal
Bell shape allows fully attach to ear canal
Design to fit majority ear canal with premium comfort and protection

Convenient

Bell shape design fits most ear canals making the plugs easier to use Nylon cord or PVC cord, helps preventing from earplug loss

Compatible with

Designed to be compatible with earmuff or other PPE

EN 352-2:2020
SNR 26dBANSI S3.19-1974
Noise Reduction Rate **NRR 23dB**

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	27.3	24.7	27.3	27.0	28.4	30.6	39.6
Standard deviation Sf [dB]	4.6	4.5	5.1	4.9	4.4	3.9	4.4
APV Mf-Sf [dB]	22.7	20.2	22.2	22.0	24.0	26.7	35.2
SNR=26dB							
SNR _m =29.0dB							
SNR _s =3.2dB							
H=25dB							
H _m =28.7dB							
H _s =3.3dB							
M=23dB							
M _m =27.0dB							
M _s =3.8dB							
L=22dB							
L _m =26.1dB							
L _s =3.9dB							

EC-2011P
EC-2011P-C

Aqua Earplugs

**AQUA EARPLUGS**

- Reusable and easy to clean
- Perfect comfort and gentle on the skin
- High noise insulation
- Effectively protects from water entering the ear and from noise
- With sanitary storage case

INSTRUCTIONS FOR USE

- 1) Slightly pull up on the ear. Push the stem end of the earplug into the auditory canal.
- 2) Release once the earplug is seated comfortably. To remove, pull the earplug out slowly.

EN 352-2:2020
SNR 33dB

WARNING
not suitable for children under 36 months. Choking hazard due to small parts. Replace earplugs if dirty or damaged. According to standard EN 352

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	34.5	31.9	35.0	35.3	36.3	33.8	40.3
Standard deviation Sf [dB]	4.6	3.5	4.9	4.0	3.3	2.3	4.0
APV Mf-Sf [dB]	29.9	28.3	30.1	31.4	33.0	31.5	36.4
SNR=33dB							
SNR _m =35.7dB							
SNR _s =2.3dB							
H=33dB							
H _m =35.0dB							
H _s =2.1dB							
M=32dB							
M _m =34.6dB							
M _s =2.9dB							
L=30dB							
L _m =33.6dB							
L _s =3.2dB							

EC-2016



Adult
20x20MM



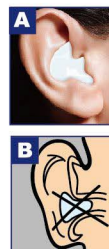
Kids
15x15MM

INSTRUCTIONS FOR USE

Please read the following instructions for use and keep this leaflet for future reference.

WARNING

- Choking hazard. Due to small parts, keep away from children. If used by children, adult supervision is required.
- Should not be used for scuba diving or other deep diving.
- For personal use only; not intended for professional or industrial use.
- Consult your doctor before use if you have a perforated or infected ear drum.
- Before use, make sure your hands and ear plugs are clean and free of dirt or debris.
- Do not alter or modify the ear plugs in any way and check for any damage before use.
- If any irritation occurs, stop using immediately.
- If used for flying, the ear plugs should be removed as descending commences.
- When not in use, store the ear plugs in the travel case supplied.



EN 352-2:2020
SNR 28dB

ANSI S3. 19- 1974
Noise Reduction Rate
NRR 20dB

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	26.3	22.9	24.0	28.5	37.8	41.5	39.3
Standard deviation Sf [dB]	4.0	3.4	4.2	4.2	4.5	3.3	4.1
APV Mf-Sf [dB]	22.3	19.5	19.8	24.4	33.3	38.2	35.2

SNR= 28dB SNR _m =31.0dB SNR _s =3.4dB	H=32dB H _m =35.0dB H _s =3.3dB	M=24dB M _m =27.7dB M _s =3.6dB	L= 22dB L _m =25.0dB L _s =3.3dB
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EC-2018
EC-2018C



Comfortable

Pure silicone material for low pressure inside the ear
Reusable use for long time in good shape
Humidity and sweat resistant, helps preventing from moisture ramp up in the ear canal
3 layers design allows fully attach to ear canal
Design to fit majority ear canal with premium comfort and protection

Convenient

Christmas tree design fits most ear canals making the plugs easier to use Nylon cord or PVC cord, helps preventing from earplug loss

Compatible with

Designed to be compatible with earmuff or other PPE

EN 352-2:2020
SNR 33dB

ANSI S3. 19- 1974
Noise Reduction Rate
NRR 26dB

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	30.8	27.7	30.8	34.7	36.9	37.1	44.0
Standard deviation Sf [dB]	3.8	4.1	4.3	3.2	3.5	4.3	4.5
APV Mf-Sf [dB]	27.1	23.6	26.5	31.5	33.4	32.8	39.5

SNR=33dB SNR _m =35.4dB SNR _s =2.6dB	H=34dB H _m =36.4dB H _s =2.3dB	M=30dB M _m =33.2dB M _s =2.9dB	L=27dB L _m =30.5dB L _s =3.6dB
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EC-2018C-D
(Metal Detectable)



Christmas tree silicone earplugs

EC-2002 / EC-2002C



Comfortable

Pure silicone material for low pressure inside the ear
Reusable use for long time in good shape
Humidity and sweat resistant, helps preventing from moisture ramp up in the ear canal
3 layers design allows fully attach to ear canal
Design to fit majority ear canal with premium comfort and protection

Convenient

Christmas tree design fits most ear canals making the plugs easier to use Nylon cord or PVC cord, helps preventing from earplug loss

Compatible with

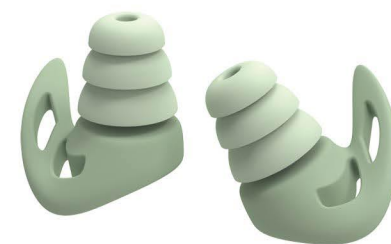
Designed to be compatible with earmuff or other PPE

EN 352-2:2020
SNR 31dB

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	28.9	30.6	32.8	30.7	34.3	38.4	43.8
Standard deviation Sf [dB]	6.3	5.4	6.1	3.1	3.3	6.5	4.3
APV Mf-Sf [dB]	22.6	25.2	26.6	27.6	31.0	31.9	39.4

SNR=31dB SNR _m =34.1dB SNR _s =3.2dB	H=32dB H _m =34.3dB H _s =2.8dB	M=28dB M _m =31.6dB M _s =3.3dB	L=26dB L _m =30.7dB L _s =4.3dB
--	--	--	--

EC-3011A



Replace Pods

Size: Medium



Size: Large



Convenient

Washable and Reusable
Environmentally friendly, sustainable use.
Excellent noise reduction for a quiet atmosphere.
Filter out noisy noise in noisy places and improve the efficiency of work.

Compatible with

Designed to be compatible with earmuff or other PPE

EN 352-2:2020
SNR 29dB

ANSI S3. 19- 1974
Noise Reduction Rate
NRR 25dB

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	27.8	29.2	27.6	28.3	32.9	37.5	33.6
Standard deviation Sf [dB]	4.0	3.9	3.5	3.3	3.5	3.2	3.5
APV Mf-Sf [dB]	23.8	25.3	24.2	25.0	29.4	34.3	30.1

SNR= 29dB SNR _m =31.8dB SNR _s =2.8dB	H=30dB H _m =32.7dB H _s =2.9dB	M=26dB M _m =29.1dB M _s =3.0dB	L= 25dB L _m =28.5dB L _s =3.1dB
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EC-3011B



Replace Pods

Size: Medium



Size: Large



EN 352-2:2020
SNR 26dB

ANSI S3. 19- 1974
Noise Reduction Rate
NRR 21dB

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	22.2	24.2	24.9	24.6	27.1	37.3	40.9
Standard deviation Sf [dB]	2.9	3.7	2.6	2.3	2.7	2.7	3.4
APV Mf-Sf [dB]	19.3	20.5	22.3	22.3	24.4	34.6	37.5

SNR= 26dB SNR _m =28.4dB SNR _s =2.0dB	H=27dB H _m =28.8dB H _s =2.3dB	M=23dB M _m =25.5dB M _s =2.1dB	L= 22dB L _m =24.4dB L _s =2.4dB
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Four layer silicone earplugs
EC-2005 / EC-2005C



Three Layer silicone earplugs
EC-2008 / EC-2008C



EC-2020
EC-2020C



Comfortable

Pure silicone material for low pressure inside the ear
Reusable use for long time in good shape
Humidity and sweat resistant, helps preventing from moisture ramp up in the ear canal
3 layers design allows fully attach to ear canal
Design to fit majority ear canal with premium comfort and protection

Convenient

Christmas tree design fits most ear canals making the plugs easier to use Nylon cord or PVC cord, helps preventing from earplug loss

Compatible with

Designed to be compatible with earmuff or other PPE

ANSI S3. 19-1974
Noise Reduction Rate
NRR 27dB

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	36.8	34.9	39.3	39.7	36.0	41.7	46.2
Standard deviation Sf [dB]	5.3	4.3	4.8	5.1	5.3	4.4	3.3

EC-2012
EC-2012C



Comfortable

Pure silicone material for low pressure inside the ear
Reusable use for long time in good shape
Humidity and sweat resistant, helps preventing from moisture ramp up in the ear canal
Design to fit majority ear canal with premium comfort and protection

Convenient

Christmas tree design fits most ear canals making the plugs easier to use Nylon cord or PVC cord, helps preventing from earplug loss

Compatible with

Designed to be compatible with earmuff or other PPE

ANSI S3. 19-1974
Noise Reduction Rate
NRR 25dB

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	33.5	29.6	34.3	32.8	35.5	36.7	42.3
Standard deviation Sf [dB]	4.7	3.6	4.2	4.0	3.8	4.9	4.1

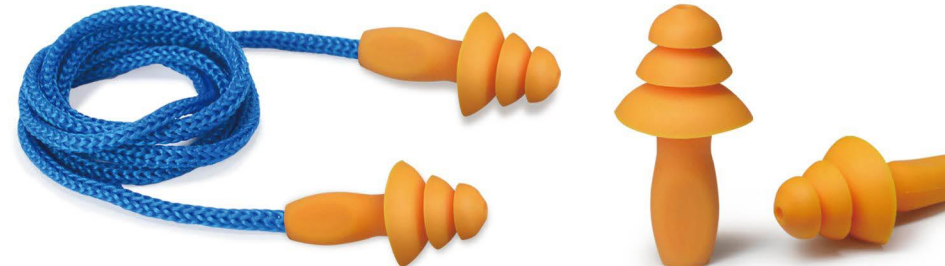
EC-2061 / EC-2061C
EC-2061C-D (Metal Detectable)



EN 352-2:2020
SNR 27dB
H= 29dB M= 24dB L= 23dB

ANSI S3. 19-1974
Noise Reduction Rate **NRR 22dB**
AS/ NZS 1270: 2002
SLC(80) = 14.2dB CLASS 2

EC-2062 / EC-2062C
EC-2062C-D (Metal Detectable)



EN 352-2:2020
SNR 32dB
H= 31dB M= 30dB L= 29dB

ANSI S3. 19-1974
Noise Reduction Rate **NRR 26dB**
AS/ NZS 1270: 2002
SLC(80) = 13.8dB CLASS 2

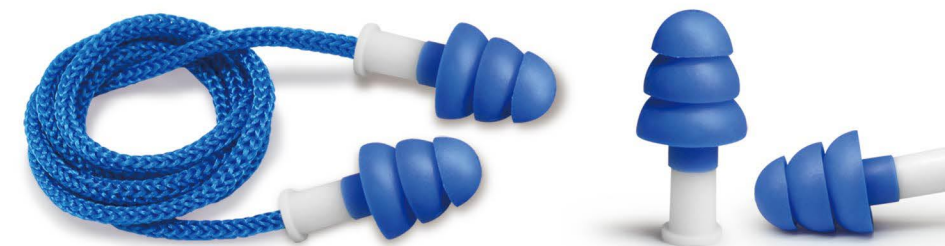
EC-2063 / EC-2063C
EC-2063C-D (Metal Detectable)



EN 352-2:2020
SNR 32dB
H= 33dB M= 29dB L= 28dB

ANSI S3. 19-1974
Noise Reduction Rate **NRR 25dB**
AS/ NZS 1270: 2002
SLC(80) = 12.5dB CLASS 1

EC-2065 / EC-2065C
EC-2065C-D (Metal Detectable)



EN 352-2:2020
SNR 34dB
H= 33dB M= 32dB L= 31dB

ANSI S3. 19-1974
Noise Reduction Rate **NRR 26dB**
AS/ NZS 1270: 2002
SLC(80) = 18.2dB CLASS 3

Banded round shape earplugs

EC-4102 / EC-4102S



Round Shape Earplug
(replace pods)
EC-4102S



Banded hearing protectors are easy to use, extremely comfortable. They are fast insert and remove in quick and can be worn or around the neck when not for use, making them ideal for intermittently use. It offers simplicity to help improve the choice of hearing protection products that suits the working environment greatly. With replacement foam pods making them a more cost-saving option.

Features and benefits:

Comfortable

- + Extremely light
- + Very low pressure into the ear canal
- + Without deep insertion Pod plugs seal the entrance part of the ear canal.

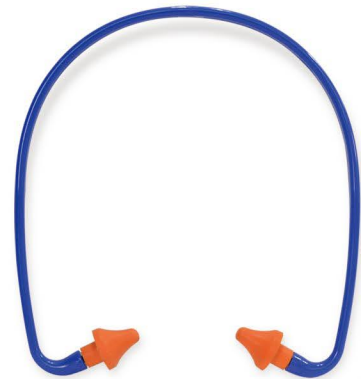
EN 352-2:2020
SNR 29dB

ANSI S3.19-1974
Noise Reduction Rate
NRR 23dB

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	30.3	25.2	25.9	26.9	35.1	42.5	44.8
Standard deviation Sf [dB]	4.1	3.6	3.9	2.3	3.5	3.6	4.2
APV Mf-Sf [dB]	26.1	21.6	22.0	24.6	31.6	38.9	40.6
SNR=29dB							
SNR _m =31.2dB							
SNR _s =2.1dB							
H=32dB							
H _m =34.0dB							
H _s =2.1dB							
M=26dB							
M _m =27.7dB							
M _s =2.1dB							
L=24dB							
L _m =26.4dB							
L _s =2.7dB							

Banded taper shape earplugs

EC-4103 / EC-4103S



Taper Shape Earplug
(replace pods)
EC-4103S



Banded hearing protectors are easy to use, extremely comfortable. They are fast insert and remove in quick and can be worn or around the neck when not for use, making them ideal for intermittently use. It offers simplicity to help improve the choice of hearing protection products that suits the working environment greatly. With replacement foam pods making them a more cost-saving option.

Features and benefits:

Comfortable

- + Extremely light
- + Very low pressure into the ear canal
- + Without deep insertion Pod plugs seal the entrance part of the ear canal.

EN 352-2:2020
SNR 27dB

ANSI S3.19-1974
Noise Reduction Rate
NRR 22dB

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	26.7	23.8	24.3	26.4	34.1	41.9	44.3
Standard deviation Sf [dB]	4.1	3.8	4.0	3.8	4.6	4.4	4.3
APV Mf-Sf [dB]	22.7	20.0	20.3	22.6	29.5	37.5	40.0
SNR=27dB							
SNR _m =30.1dB							
SNR _s =2.9dB							
H=30dB							
H _m =33.0dB							
H _s =3.1dB							
M=24dB							
M _m =26.7dB							
M _s =3.1dB							
L=22dB							
L _m =24.9dB							
L _s =3.0dB							

Banded bell shape earplugs

EC-4105 / EC-4105S



Taper Shape Earplug
(replace pods)
EC-4105S



Banded hearing protectors are easy to use, extremely comfortable. They are fast insert and remove in quick and can be worn or around the neck when not for use, making them ideal for intermittently use. It offers simplicity to help improve the choice of hearing protection products that suits the working environment greatly. With replacement foam pods making them a more cost-saving option.

Features and benefits:

Comfortable

- + Extremely light
- + Very low pressure into the ear canal
- + Without deep insertion Pod plugs seal the entrance part of the ear canal.

Convenient

- + Can be worn in either under-the-chin or Behind-the-head
- + Easy to use
- + Ideal for people moving in and out
- + Replacement Foam pods available

Compatible with

- + Designed to be compatible with other PPE

Banded bell shape earplugs

EC-4101 / EC-4101S



Bell Shape Reusable Earplug
(replace pods)
EC-4101S



Banded hearing protectors are easy to use, extremely comfortable. They are fast insert and remove in quick and can be worn or around the neck when not for use, making them ideal for intermittently use. It offers simplicity to help improve the choice of hearing protection products that suits the working environment greatly. With replacement silicone pods making them a more cost-saving option.

Features and benefits:

Comfortable

- + Extremely light
- + Very low pressure into the ear canal
- + Without deep insertion Pod plugs seal the entrance part of the ear canal.

EN 352-2:2020
SNR 30dB

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	31.8	28.0	28.6	29.8	34.3	41.1	45.2
Standard deviation Sf [dB]	5.9	5.0	4.1	4.3	4.2	4.4	4.3
APV Mf-Sf [dB]	25.9	23.1	24.5	25.5	30.0	36.7	40.9
SNR=30dB							
SNR _m =33.5dB							
SNR _s =3.8dB							
H=31dB							
H _m =34.9dB							
H _s =3.7dB							
M=26dB							
M _m =30.4dB							
M _s =3.9dB							
L=25dB							
L _m =29.0dB							
L _s =4.1dB							

Banded taper shape earplugs

EC-4106 / EC-4103S



Taper Shape Earplug
(replace pods)
EC-4103S



Banded hearing protectors are easy to use, extremely comfortable. They are fast insert and remove in quick and can be worn or around the neck when not for use, making them ideal for intermittently use. It offers simplicity to help improve the choice of hearing protection products that suits the working environment greatly. With replacement foam pods making them a more cost-saving option.

Features and benefits:

Comfortable

- + Extremely light
- + Very low pressure into the ear canal
- + Without deep insertion Pod plugs seal the entrance part of the ear canal.

Convenient

- + Can be worn in either under-the-chin or Behind-the-head
- + Easy to use
- + Ideal for people moving in and out
- + Replacement Foam pods available

Compatible with

- + Designed to be compatible with other PPE

AS/NZS 1270: 2002
SLC(80) = 18.5dB
CLASS 3



EC-4110



EC-4111



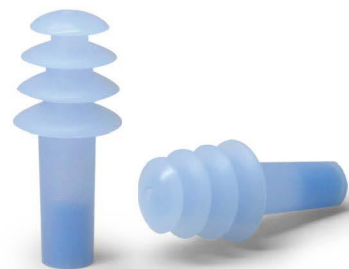
Model: EC-3001



EN 352-2:2020
SNR 27dB

ANSI S3. 19- 1974
Noise Reduction Rate
NRR 20dB

H=26dB M=25dB L= 26dB



Model: EC-3002



ANSI S3. 19- 1974
Noise Reduction Rate
NRR 15dB



Model: EC-3003



EN 352-2:2020
SNR 27dB

H=28dB M=25dB L= 23dB



Model: EC-3005



Model: EC-3006



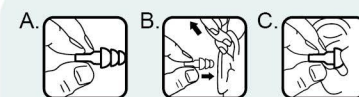
Model: EC-3007



Model: EC-3008



Model: EC-3009



Musicians spend a lot of their time around damaging noise levels. Whether they play a musical instrument or sing in a band, musicians are at risk for developing music-induced hearing loss. Musicians rely on their hearing in practice and performance, and it is important that their hearing is not compromised over time.

Model: EB-8001



Bluetooth Earplugs

Great Noise Reduction: Wireless earplugs provide a passive noise reduction, which keeping your ears from the harmful noise surrounding, you can enjoy music and call with anyone through earplugs without obstacles.

Ergonomic Design: The earplugs is soft and lightweight made of silicone material, with christmas tree shape and 3-layer design better fits most ear canal and isolate noise. Flexible cord and comfy neckband, only weight 21g±2g, leaves no pressure on your neck.

Wireless Headphone: Features wireless technology, with ability to listen to music and call. Enjoy 10 hour battery life with only 3 hours of charging time.

Work Earphones: Offering premium sound & hearing protection in your earbuds for work.

Water and Sweat Resistant: Reaching waterproof level, protecting wireless earplugs neckband from rains or sweat during working, which is great for Landscaping, Public Transit, Shooting, Construction, Gym, Yard Work, and more.



Specification

Bluetooth version:	Bluetooth 5.0
Transmission distance:	≥ 10m
Call life:	≥ 10 hours
Charging time:	3 hours
Product weight:	21g±2g
This product complies with Regulation	
Use with Bluetooth devices ie. android/apple/google	

Model: EB-8002



Bluetooth Earplugs

Great Noise Reduction: Wireless earplugs provide a passive noise reduction, which keeping your ears from the harmful noise surrounding, you can enjoy music and call with anyone through earplugs without obstacles.

Ergonomic Design: The earplugs is soft and lightweight made of silicone material, with christmas tree shape and 3-layer design better fits most ear canal and isolate noise. Flexible cord and comfy neckband, only weight 26.1g±2g, leaves no pressure on your neck.

Wireless Headphone: Features wireless technology, with ability to listen to music and call. Enjoy 10 hour battery life with only 3 hours of charging time.

Work Earphones: Offering premium sound & hearing protection in your earbuds for work.

Water and Sweat Resistant: Reaching waterproof level, protecting wireless earplugs neckband from rains or sweat during working, which is great for Landscaping, Public Transit, Shooting, Construction, Gym, Yard Work, and more.

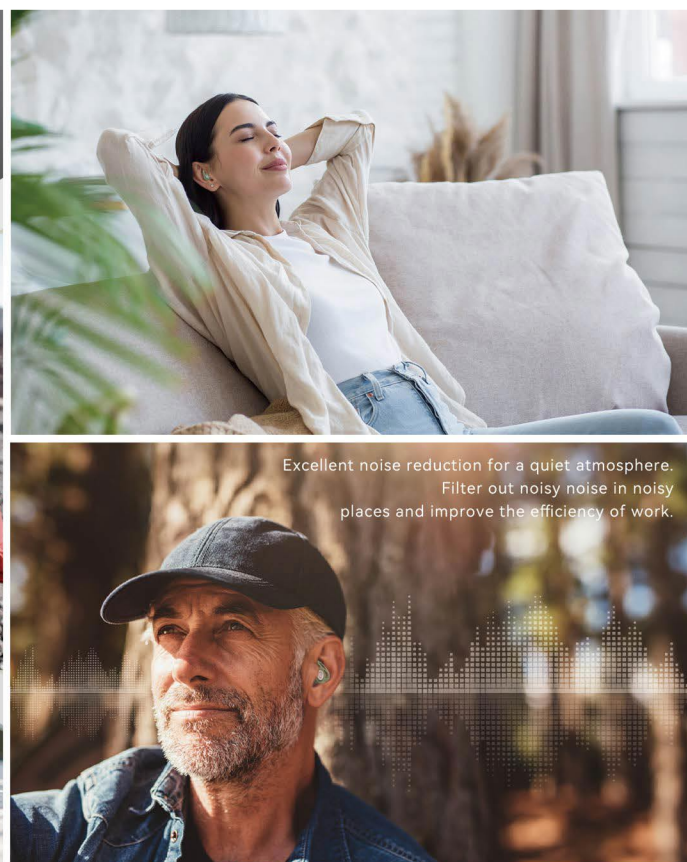
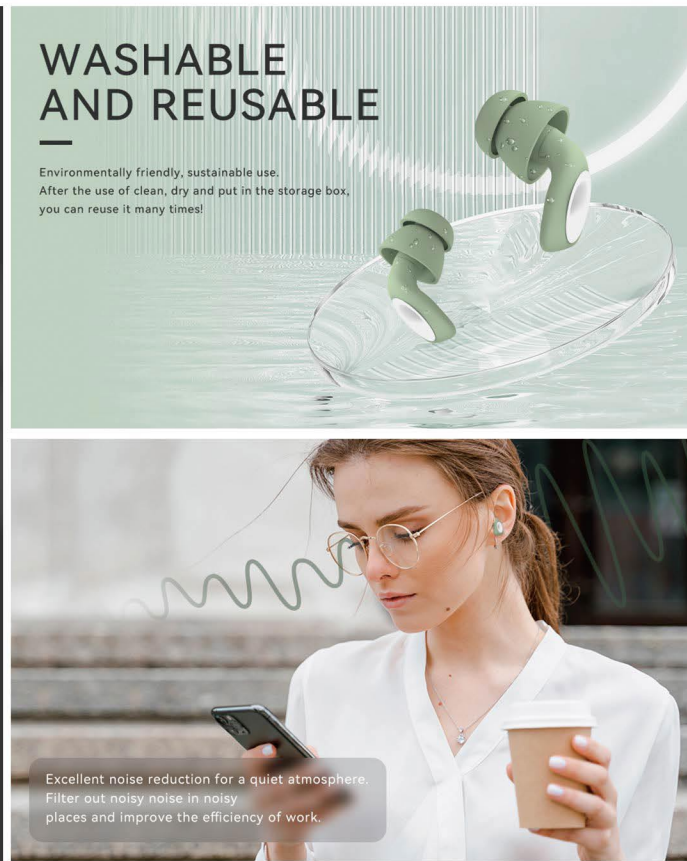
Specification

Bluetooth version:	Bluetooth 5.0
Transmission distance:	≥ 10m
Call life:	≥ 10 hours
Charging time:	3 hours
Product weight:	26.1g±2g
This product complies with Regulation	
Use with Bluetooth devices ie. android/apple/google	



Packing Series

Optional packages by plastic or color paper boxes in different shape for customized selling unit.
Plastic box: Using high quality plastic materials, with Taiwan high standard mold injection.



EM-5003E



Features and Benefits:

- + Soft and wide sealing rings are filled with a unique combination foam to achieve optimal sealing and low - pressure contact.
- + Can be adjusted up and down, back and forth according to the user's head shape and needs to achieve the best wearing comfort and noise reduction effect.
- + Can be used in combination with various types of helmet to meet the comprehensive protection needs in different working scenarios.
- + Professional earmuffs with durability and reliability.
- + Available in high - visibility colors.

Suitable for industrial machinery, construction sites, factory workshops, mining operations, airport ground - handling work, forestry logging, etc.

EN 352-3:2020
SNR 29dB

ANSI S3. 19-1974
Noise Reduction Rate
NRR 23dB

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	14.8	21.4	28.6	26.3	34.7	39.8	39.9
Standard deviation Sf [dB]	2.5	3.1	2.9	2.2	2.5	2.9	3.9
APV Mf-Sf [dB]	12.3	18.3	25.7	24.1	32.2	36.9	36.0

SNR=29dB	H=32dB	M=26dB	L= 20dB
SNR _m =30.2dB	H _m =33.6dB	M _m =27.2dB	L _m =22.1dB
SNR _s =1.5dB	H _s =1.9dB	M _s =1.6dB	L _s =2.1dB

BM-7



Features and Benefits:

- + PERFECT HEARING PROTECTION for little ears
- + Comfortable, adjustable, and incredibly lightweight

(3 Months ~ 3 Years)

EN 352-1:2020
SNR 24dB

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	13.8	15.6	24.6	34.2	37.0	31.9	29.6
Standard deviation Sf [dB]	5.1	4.8	3.6	3.3	3.6	4.9	6.3
APV Mf-Sf [dB]	8.7	10.8	21.0	30.9	33.4	27.0	23.3

SNR=24dB	H=29dB	M=22dB	L=14dB
SNR _m =27.8dB	H _m =32.4dB	M _m =25.9dB	L _m =18.5dB
SNR _s =3.9dB	H _s =3.9dB	M _s =3.9dB	L _s =4.5dB



EM-5010



Features and Benefits:

- + Padded headband and ear cups for extended comfort.
- + Unique shell design guarantees to offer a high noise reduction level.
- + Generous space inside cup to help the ears breathe, thus improving comfort.
- + Professional earmuffs for durability and reliability.

Suitable for industrial scenarios like machinery operation and power tool use, as well as environments with loud music and other noisy settings.

EN 352-1:2020
SNR 34dB

ANSI S3. 19-1974
Noise Reduction Rate
NRR 27dB

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	19.3	25.0	33.1	39.6	39.2	41.9	40.0
Standard deviation Sf [dB]	2.8	2.7	2.8	3.3	3.1	2.6	4.1
APV Mf-Sf [dB]	16.5	22.3	30.3	36.3	36.0	39.3	35.9

SNR=34dB	H=37dB	M=32dB	L= 24dB
SNR _m =36.2dB	H _m =40.2dB	M _m =34.2dB	L _m =26.3dB
SNR _s =2.3dB	H _s =2.8dB	M _s =2.3dB	L _s =2.3dB

EM-5003D-N

Features and Benefits:

- + Soft and wide sealing rings are filled with a unique combination foam to achieve optimal sealing and low - pressure contact.
- + Can be adjusted up and down, back and forth according to the user's head shape and needs to achieve the best wearing comfort and noise reduction effect.
- + Specially designed for full brim helmet to meet the comprehensive protection needs in different working scenarios.



EM-5007E-N

Features and Benefits:

- + Soft and wide sealing rings are filled with a unique combination foam to achieve optimal sealing and low - pressure contact.
- + Can be adjusted up and down, back and forth according to the user's head shape and needs to achieve the best wearing comfort and noise reduction effect.
- + Can be used in combination with various types of helmets & visors to meet the comprehensive protection needs in different working scenarios.



Helmet Mounted Earmuff



EM-5011



Features and Benefits:

- + Padded headband and ear cups for extended comfort.
- + Priced affordably with good noise - reduction, ideal for budget - conscious buyers.
- + Lightweight with soft, breathable ear pads for long - wear comfort.
- + Professional earmuffs for durability and reliability.

Suitable for industrial scenarios like machinery operation and power tool use, as well as environments with loud music and other noisy settings.

EN 352-1:2020
SNR 30dB

ANSI S3. 19-1974
Noise Reduction Rate
NRR 23dB

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	14.8	22.6	29.0	34.6	36.9	36.2	32.8
Standard deviation Sf [dB]	3.1	3.0	3.4	2.8	2.8	2.4	3.8
APV Mf-Sf [dB]	11.8	19.6	25.5	31.9	34.1	33.8	29.1

SNR=30dB	H=33dB	M=28dB	L= 20dB
SNR _m =32.0dB	H _m =35.4dB	M _m =30.4dB	L _m =22.8dB
SNR _s =2.1dB	H _s =1.9dB	M _s =2.3dB	L _s =2.9dB

FM-1B PLUS



FM-2B PLUS



FM-3B PLUS



EM-7001B PLUS



EM-7001MB PLUS



EM-7001LB PLUS



Folding Headband

Padded Headband and Ear Cups: Provides extended comfort, making it suitable for long-term wear.

Stainless Steel Wire: Allows for easy personalized fit adjustment.

Generous Space Inside Cups: Helps the ears breathe, thus improving comfort.

Foldable Design: The headband is foldable, which not only enhances portability but also significantly reduces transportation and storage costs when packed.

Family Series: Available in three noise-cancellation levels—low, medium, and high—to meet the needs of different usage scenarios.

Suitable for: Loud Machinery,Lawn Mowers, Engines, Industrial Machine, Power Tools, Loud Music, Noisy Places etc.

EM-9007

Multifunctional Noise-Cancelling Headphones



Feature

- * **Ambient Sound Pickup and Amplification:** Advanced ambient sound pickup and amplification with 82dB(A) attenuation protection. Clearly hear important sounds while protecting your hearing in noisy environments.
- * **Integrated Multifunctionality:** 6 in 1, Combines sound pickup, Bluetooth, FM/AM radio, DAB+ digital radio, and LINE-IN audio input to meet diverse needs in various scenarios.
- * **Long Battery Life:** Equipped with a 1500mAh lithium battery, offering extended usage time. Enjoy over 50 hours of music playback, over 13 hours of FM radio, and over 9 hours of DAB radio.
- * **Dot Matrix LCD Display:** Features a dot matrix LCD screen for clear display of current mode, volume, channel, and other information, making operation convenient.
- * **Multiple Broadcast Band Support:** FM Radio: 87.5~108MHz DAB Band (VHF Band III): 174~240MH
- * **Bluetooth Functionality:** Supports BT 5.3 Bluetooth technology with a transmission range of over 10 meters. Seamlessly connect to smartphones, tablets, and other devices for music playback and phone calls.
- * **High Noise Reduction Performance:** Passive noise reduction with an SNR value of over 29dB effectively blocks out external noise for an immersive audio experience.

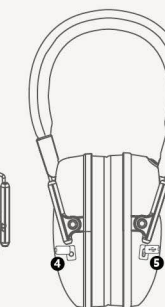
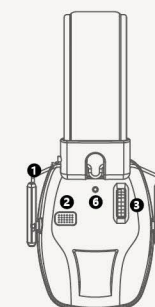


EM-9011C

Folding Headband

AS/NZS
certified products

Specification

Description: Light-weight design, Foldable for portable and shooting**Material:** ABS cups with rubber coating, Comfortable headband clamping force 9-12N,**Noise reduce value:** **NRR: 22dB; SNR: 30dB; SLC(80): 20 dB Class 3**

- ① Telescopic arm adjustment
- ② Microphone
- ③ Level-dependent Power On/Off, RAL sound control
- ④ Aux in Jack
- ⑤ Type C charging port
- ⑥ Light indication



Test frequencies (Hz)	63	125	250	500	1000	2000	4000	8000
Mean attenuation(dB)	18.2	17.5	21.8	28.6	33.8	35.6	40.4	39.9
Standard Deviation(dB)	5.3	4.3	2.3	3.5	3.5	3.5	3.1	3.7
Mean-minus-Std. dev.dB/APV	12.9	13.2	19.5	25.1	30.2	32.1	37.3	36.1
SNR=30dB								
SNR _m =32.8dB								
SNR _s =2.6dB								
H=34dB								
H _m =36.8dB								
H _s =2.9dB								
M=28dB								
M _m =30.5dB								
M _s =2.7dB								
L=21dB								
L _m =23.7dB								
L _s =3.0dB								

EN 352-1:2020
EN 352-4:2020 EN 352-6:2020**SNR:30dB**ANSI S3.19-1974
Attenuation data

AS/NZ S1270:2002

SLC(80):20dB**NRR:22dB****Class 3**

Feature

- * Lightweight design, stylish and innovative appearance. Folding headband for convenient storage and carrying.
- * Level dependent (Limit 82dB)
- * The shell is sprayed with rubber and oil to enhance its texture. The optional watertransfer printing process on the shell highlights differentiation.
- * Knobs and buttons can be customized in color to highlight individuality.
- * **800 Mah rechargeable lithium battery, battery life:** 30-35 hours, **charging time:** 2-2.5 hours
- * Can be upgraded to add Bluetooth function.
- * Adopting advanced Dynamic Range Compression (DRC) technology: This technology can monitor the intensity of environmental sound in real time. When the sound intensity exceeds the set safety threshold (such as 82dB), the compression mechanism is automatically activated to compress the excessively high sound to a safe hearing range, in order to protect the user's hearing from damage.
- * **Intelligent Acoustic Environment Sensing System:** Real time capture of external sound through an integrated high-sensitivity microphone array, and precise analysis and processing of sound information using advanced signal processing algorithms. The system is capable of identifying key sounds in the environment and making real-time adjustments, ensuring that users can achieve the best listening experience without sacrificing auditory clarity.
- * **Adaptive Acoustic Feedback Control:** Combined with advanced signal processing technology, this feature can dynamically adjust the output of the earmuffs, intelligently attenuate sounds that exceed the safety threshold, while retaining details of sounds below the threshold, providing a natural and comfortable auditory environment.
- * **Optimization algorithm:** Using algorithms to analyze and process the captured sound in real-time, ensuring that the sound output is always within the safe hearing range set by the user.
- * **High Fidelity Acoustic Reproduction Technology:** Ensure that the sound quality is not compromised while performing sound compression and attenuation processing. Through high-performance digital audio processors and optimized acoustic design, we provide users with clear and authentic sound reproduction, which can perform well in noisy work environments or situations that require delicate sound details.

EM-5031B



Features and Benefits:

- + Soft headband padding providing use's extra conform during wearing.
- + Stainless steel wire for easy personalized adjustment.
- + Unique luxury shell design ganrantee offer high noise reduction rating.
- + Professional earmuffs for durability and reliability.
- + Customized logo stamp available
- + Available in Several Versions, Including headband, foldable, neckband and helmet styles, in various colors.



EM-5031



EM-5031A



EM-5031C



EM-5031D

25mm/30mm adaptor plug option



Helmet Mounted Earmuff

EM-5031E

25mm/30mm adaptor plug option



Helmet Mounted Earmuff

EM-5031E-N



Helmet Mounted Earmuff



EM-7001L PLUS



Exclusive Look Design:

Exclusive and fresh muff-cup look design, New arrival headband wrapped with soft TPE out cover and an adjustable telescopic metal rack for personalized fit.

Safety and Trusted:

ANSI S3.19 , EN352-2 and AS/NZS 1270 approved, Suitable for Military, Hunting, Yard work, Racing, Noisy work sites and etc.

Excellent Noise Reduction:

Light-weight design at small cup shape, built-in high density acoustic foam achieving high noise reduction rating of SNR 37dB,NRR 31dB.

Comfortable Cushion:

Ultra soft and wide ear cushion can fit ear perfect. No squeezing head and ear. Suitable for long time wear.



EN 352-1:2020 **SNR:37dB**

ANSI S3.19-1974 Attenuation data

NRR:31dB CSA Class A

Test frequencies (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation(dB)	24.3	28.5	41.9	42.8	37.9	40.0	38.4
Standard Deviation(dB)	2.5	2.1	2.1	3.2	2.8	2.9	2.9
Mean-minus-Std. dev.dB/APV	21.9	26.4	39.9	39.6	35.1	37.0	35.5
SNR= 37dB							
SNRm=38.3dB							
SNRs=1.5dB							
H=36dB							
Hm=38.7dB							
Hs=2.4dB							
M=36dB							
Mm=37.6dB							
Ms=1.4dB							
L= 29dB							
Lm=30.9dB							
Ls=1.9dB							



EM-7001L

CE ANSI AS/NZS
certified products
SNR: 35dB NRR: 29dB
SLC(80): 32.8dB Class 5



EM-7001L-D

25mm/30mm adaptor plug option

CE ANSI
SNR: 34dB NRR: 29dB



EM-7001L-E

25mm/30mm adaptor plug option



EM-7001



AS/NZS
certified products



Exclusive Look Design:

Exclusive and fresh muff-cup look design, New arrival headband wrapped with soft TPE out cover and an adjustable telescopic metal rack for personalized fit.

Safety and Trusted:

ANSI S3.19, EN352-2 and AS/NZS 1270 approved, Suitable for Military, Hunting, Yard work, Racing, Noisy work sites and etc.

Excellent Noise Reduction:

Light-weight design at small cup shape, built-in high density acoustic foam achieving high noise reduction rating of SNR 31dB, NRR 25dB.

Comfortable Cushion:

Ultra soft and wide ear cushion can fit ear perfect. No squeezing head and ear. Suitable for long time wear.



EN 352-1:2020		SNR:31dB					
ANSI S3.19-1974 Attenuation data		AS/NZ S1270:2002					
NRR:25dB CSA Class A		SLC(80): 29.1dB					
		Class 5					
Test frequencies (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation(dB)	16.8	22.2	30.3	37.3	38.0	38.2	38.4
Standard Deviation(dB)	3.5	3.3	4.1	4.3	3.6	4.7	4.8
Mean-minus-Std. dev.dB/APV	13.4	18.8	26.2	33.0	34.3	33.5	33.6
SNR= 31dB	H=35dB		M=28dB		L= 21dB		
SNR _m =33.4dB	H _m =37.6dB		M _m =31.4dB		L _m =23.6dB		
SNR _s =2.8dB	H _s =3.0dB		M _s =2.9dB		L _s =2.9dB		



EM-7001B



SNR: 33dB NRR: 27dB



EM-7001D



SNR: 27dB



EM-7001E



EM-5002B-1



Features and Benefits:

- + Padded headband and ear cups for extended comfort.
- + Stainless steel wire for easy personalized fit adjustment.
- + Unique shell design guarantee offer high noise Reduction Rating.
- + Generous space inside cup to help the ears breathe thus improving comfort.
- + Professional earmuffs for durability and reliability.

EM-5009B



Folding Headband

Features and Benefits:

- + Padded headband and ear cups for extended comfort.
- + Stainless steel wire for easy personalized fit adjustment.
- + Unique shell design guarantee offer high noise Reduction Rating.
- + Generous space inside cup to help the ears breathe thus improving comfort.
- + Professional earmuffs for durability and reliability.

EN 352-1:2020
SNR 32dB

ANSI S3.19-1974
Noise Reduction Rate
NRR 25dB

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	16.2	21.1	32.6	39.1	35.5	38.1	39.2
Standard deviation Sf [dB]	2.4	2.4	2.6	2.2	2.5	2.6	3.0
APV Mf-Sf [dB]	13.8	18.7	30.0	36.9	33.0	35.5	36.3
SNR= 32dB	H= 35 dB		M= 30 dB		L= 21 dB		
SNR _m = 33.3dB	H _m = 37.3dB		M _m = 31.4dB		L _m = 22.8dB		
SNR _s = 1.5dB	H _s = 1.9dB		M _s = 1.6dB		L _s = 1.8dB		

DM-1



Folding Headband

Features and Benefits:

- + Over Head Hearing Protection For Animals.
- + Wide Gel Cushion Cover Ears For Better Noise Reduction Effect & Comfort.
- + Comfortable and Lightweight.
- + Adjustable Elasticity Straps For Optimum Fit.



Dog Earmuff



HIGH PERFORMANCE TECHNOLOGY

INDUSTRIAL USE
For Cutting, Repair the Road, Shooting,
For Study,
For Kids and Baby.

Various colours are welcomed



EM-7002



AS/NZS
certified products



New Concept Design:

Adjustable noise reduction rating at SNR 25-SNR 35dB by turning the centre physical knob. When the knob turn to "+", the SNR is 35dB, when the knob turn to "-", the SNR is 25dB. It helps you to use in different working surroundings without taking off the headphone.

Safety and Trusted:

ANSI S3.19, EN352-2 and AS/NZS 1270 approved, Suitable for Military, Hunting, Yard work, Racing, Noisy work sites and etc.

New arrival headband wrapped with soft TPE out cover and an adjustable telescopic metal rack for personalized fit.

Comfortable Cushion:

Ultra soft and wide ear cushion can fit ear perfect. No squeezing head and ear. Suitable for long time wear.



Test frequencies (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation(dB)	19.5	27.2	37.0	42.1	38.6	42.4	38.1
Standard Deviation(dB)	3.7	3.3	3.7	4.4	3.3	3.8	5.2
Mean-minus-Std. dev.dB/APV	15.8	23.9	33.3	37.7	35.4	38.6	32.9

SNR= 35dB	H=37dB	M=33dB	L= 24dB
SNR _m =36.9dB	H _m =39.4dB	M _m =35.7dB	L _m =27.4dB
SNR _s =2.3dB	H _s =2.9dB	M _s =2.6dB	L _s =3.3dB

EN 352-1:2020 **SNR:35dB**

ANSI S3.19-1974
Attenuation data

AS/NZ S1270:2002
SLC(80): 29.7dB
Class 5

EN 352-1:2020 **SNR:25dB**

ANSI S3.19-1974
Attenuation data

AS/NZ S1270:2002
SLC(80): 24dB
Class 4

Test frequencies (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation(dB)	9.4	14.6	23.0	35.3	37.1	39.0	34.4
Standard Deviation(dB)	2.8	2.8	3.0	2.0	3.8	4.6	5.5
Mean-minus-Std. dev.dB/APV	6.6	11.8	20.0	33.3	33.3	34.4	29.0

SNR= 25dB	H=33dB	M=22dB	L= 14dB
SNR _m =27.2dB	H _m =35.7dB	M _m =24.8dB	L _m =16.1dB
SNR _s =2.4dB	H _s =3.1dB	M _s =2.4dB	L _s =2.4dB



Closed (+)



Open (-)



EM-5002B



AS/NZS
certified products



Folding Headband

Features and Benefits:

- + Padded headband and ear cups for extended comfort.
- + Stainless steel wire for easy personalized fit adjustment.
- + Unique Double-shell design guarantee offer high noise Reduction Rating.
- + Generous space inside cup to help the ears breathe thus improving comfort.
- + Professional earmuffs for durability and reliability.
- + Available in several versions including: Headband, foldable, neckband and helmet mounted versions, All versions are available in high visibility colors.

Suitable for Loud Machinery, Lawn Movers, Engines, Industrial Machines, Power tools, Loud Music, Noise places.



Adjustable headband design
Designed with retractable Stainless steel at the end of headband adjust to fit all size.



Swivel Cup lined with Soft Foam
Swivel equipped with soft Foam Ear Cups Provide more snug and sealed embraced your ears



Test frequencies (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation(dB)	15.5	25.7	33.0	39.8	36.1	39.5	35.7
Standard Deviation(dB)	1.6	2.2	2.8	3.3	2.4	3.4	2.2
Mean-minus-Std. dev.dB/APV	13.9	23.5	30.2	36.5	33.8	36.1	33.4

SNR= 33dB	H= 35 dB	M= 32 dB	L= 23 dB
SNR _m = 34.5dB	H _m = 37.4dB	M _m = 33.2dB	L _m = 24.2dB
SNR _s = 1.6dB	H _s = 2.0dB	M _s = 1.7dB	L _s = 1.5dB

EN 352-1:2020 **SNR:33dB**

ANSI S3.19-1974
Attenuation data

NRR:26dB

AS/NZ S1270:2002
SLC(80): 32.5dB

Class 5

PACKING INFO

UNIT PACK	COLOR BOX
QTY/CTN	30PCS
CTN SIZE	52X49X30CM
CBM/CTN	0.078CBM
20FT	10500 PCS

EM-5002

CE ANSI
SNR: 33dB NRR: 26dB



EM-5002A

CE ANSI AS/NZS
certified products

SNR= 34dB **H= 36 dB** **M= 32 dB** **L= 24 dB**
SNR_m = 34.9dB H_m = 37.1dB M_m = 33.4dB L_m = 26.2dB
SNR_s = 1.3dB H_s = 1.5dB M_s = 1.7dB L_s = 2.1dB

SNR: 34dB
EN 352-1:2020

NRR: 27dB

SLC(80): 32.2dB
CLASS 5



EM-5002C

CE ANSI AS/NZS
certified products

SNR: 31dB
SLC(80): 30.2dB CLASS 5



EM-5002D

25mm/30mm
adaptor plug option

SNR: 30dB NRR: 22dB
SLC(80): 28.4dB CLASS 5



CE ANSI AS/NZS
certified products



FM-2E

25mm/30mm
adaptor plug option

SNR: 30dB NRR: 24dB
SLC(80): 26.6dB CLASS 5



CE ANSI AS/NZS
certified products



EM-7003 CE



Features and Benefits:

- + The headband features a steel wire encased in TPE soft rubber, offering a comfortable and secure fit that adapts to your head shape.
- + Generous interior space within the ear cups allows for airflow, keeping your ears cool and comfortable during extended use.
- + Ultra-soft and wide ear cushions fit the ear perfectly, preventing any squeezing of the head and ear. Ideal for long-time wear.

EN 352-1:2020
SNR 32dB

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	19.4	24.1	32.1	33.6	35.4	38.5	37.6
Standard deviation Sf [dB]	3.2	3.0	2.9	2.7	2.9	3.8	3.8
APV Mf-Sf [dB]	16.2	21.1	29.2	30.9	32.4	34.7	33.8
SNR=32dB							
SNR _m =34.1dB							
SNR _s =2.4dB							
H=33dB							
H _m =36.2dB							
H _s =2.8dB							
M=30dB							
M _m =32.0dB							
M _s =2.2dB							
L= 23dB							
L _m =25.9dB							
L _s =2.5dB							

EM-7006



Features and Benefits:

- + The headband features a steel wire encased in TPE soft rubber, offering a comfortable and secure fit that adapts to your head shape.
- + Generous interior space within the ear cups allows for airflow, keeping your ears cool and comfortable during extended use.
- + Ultra-soft and wide ear cushions fit the ear perfectly, preventing any squeezing of the head and ear. Ideal for long-time wear.

EM-7003-1 CE ANSI



Features and Benefits:

- + The headband features a steel wire encased in TPE soft rubber, offering a comfortable and secure fit that adapts to your head shape.
- + Generous interior space within the ear cups allows for airflow, keeping your ears cool and comfortable during extended use.
- + Ultra-soft and wide ear cushions fit the ear perfectly, preventing any squeezing of the head and ear. Ideal for long-time wear.

EN 352-1:2020
SNR 37dB

ANSI S3.19-1974
Noise Reduction Rate
NRR 30dB

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	21.6	28.4	37.4	37.9	38.4	43.6	43.8
Standard deviation Sf [dB]	2.6	2.6	3.0	2.9	2.1	2.1	3.4
APV Mf-Sf [dB]	19.0	25.8	34.4	35.0	36.3	41.6	40.4
SNR=37dB							
SNR _m =38.0dB							
SNR _s =1.3dB							
H=39dB							
H _m =40.0dB							
H _s =1.5dB							
M=35dB							
M _m =36.0dB							
M _s =1.5dB							
L= 27dB							
L _m =29.1dB							
L _s =1.9dB							

EM-7007 CE



Features and Benefits:

- + The headband features a steel wire encased in TPE soft rubber, offering a comfortable and secure fit that adapts to your head shape.
- + Generous interior space within the ear cups allows for airflow, keeping your ears cool and comfortable during extended use.
- + Ultra-soft and wide ear cushions fit the ear perfectly, preventing any squeezing of the head and ear. Ideal for long-time wear.

EN 352-1:2020
SNR 34dB

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	19.4	25.4	33.0	38.6	39.0	37.0	37.8
Standard deviation Sf [dB]	2.9	2.5	2.7	2.8	2.6	3.0	3.4
APV Mf-Sf [dB]	16.5	22.9	30.3	35.7	36.3	33.9	34.3
SNR=34dB							
SNR _m =35.4dB							
SNR _s =1.5dB							
H=36dB							
H _m =38.0dB							
H _s =2.0dB							
M=32dB							
M _m =33.9dB							
M _s =1.7dB							
L= 25dB							
L _m =26.5dB							
L _s =2.0dB							

EM-7005 CE



Features and Benefits:

- + The headband features a steel wire encased in TPE soft rubber, offering a comfortable and secure fit that adapts to your head shape.
- + Generous interior space within the ear cups allows for airflow, keeping your ears cool and comfortable during extended use.
- + Ultra-soft and wide ear cushions fit the ear perfectly, preventing any squeezing of the head and ear. Ideal for long-time wear.

EN 352-1:2020
SNR 28dB

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	14.1	17.6	25.3	33.1	35.0	38.2	34.9
Standard deviation Sf [dB]	2.3	2.5	2.6	2.5	2.8	2.9	3.3
APV Mf-Sf [dB]	11.8	15.1	22.7	30.6	32.3	35.3	31.7
SNR=28dB							
SNR _m =29.7dB							
SNR _s =1.8dB							
H=33dB							
H _m =35.3dB							
H _s =2.2dB							
M=25dB							
M _m =27.3dB							
M _s =1.9dB							
L= 18dB							
L _m =19.8dB							
L _s =1.8dB							

EM-7008 CE



Features and Benefits:

- + The headband features a steel wire encased in TPE soft rubber, offering a comfortable and secure fit that adapts to your head shape.
- + Generous interior space within the ear cups allows for airflow, keeping your ears cool and comfortable during extended use.
- + Ultra-soft and wide ear cushions fit the ear perfectly, preventing any squeezing of the head and ear. Ideal for long-time wear.

EN 352-1:2020
SNR 29dB

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	15.2	17.5	27.1	35.6	34.8	41.7	36.7
Standard deviation Sf [dB]	2.0	2.5	2.8	2.5	1.9	2.7	3.0
APV Mf-Sf [dB]	13.2	15.0	24.2	33.2	32.9	39.0	33.7
SNR=29dB							
SNR _m =30.6dB							
SNR _s =1.7dB							
H=35dB							
H _m =36.5dB							
H _s =1.7dB							
M=26dB							
M _m =28.1dB							
M _s =1.9dB							
L= 18dB							
L _m =20.4dB							
L _s =2.0dB							

FM-1



Features and Benefits:

- + Unique plastic headband and ear cups for extended comfort and Insulation.
- + Generous space inside cup to help the ears breathe thus improving comfort.
- + Professional earmuffs for durability and reliability.
- + Available in high visibility colors.

Suitable for Loud Machinery
Power tools, Loud Music, Noise places.

EN 352-1:2020
SNR 31dB

ANSI S3.19-1974
Noise Reduction Rate **NRR 24dB**
AS/NZS 1270:2002
SLC(80) = 31dB CLASS 5

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	15.9	19.2	28.1	37.7	37.5	40.1	37.5
Standard deviation Sf [dB]	1.9	2.0	2.3	2.4	2.0	2.9	2.8
APV Mf-Sf [dB]	14.0	17.2	25.8	35.3	35.5	37.2	34.6

SNR= 31dB	H=36dB	M=28dB	L= 20dB
SNR _m =32dB	H _m =38.2dB	M _m =29.7dB	L _m =21.6dB
SNR _s =1.4dB	H _s =2.0dB	M _s =1.5dB	L _s =1.4dB

FM-2



Features and Benefits:

- + Unique plastic headband and ear cups for extended comfort and Insulation.
- + Generous space inside cup to help the ears breathe thus improving comfort.
- + Professional earmuffs for durability and reliability.
- + Available in high visibility colors.

Suitable for Loud Machinery
Power tools, Loud Music, Noise places.

EN 352-1:2020
SNR 33dB

ANSI S3.19-1974
Noise Reduction Rate **NRR 26dB**
AS/NZS 1270:2002
SLC(80) = 33dB CLASS 5

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	19.6	23.0	32.5	39.5	33.9	40.1	40.2
Standard deviation Sf [dB]	2.6	2.3	2.7	2.4	2.5	3.2	3.9
APV Mf-Sf [dB]	17.0	20.7	29.8	37.1	31.4	36.9	36.3

SNR= 33dB	H=34dB	M=31dB	L= 23dB
SNR _m =34.4dB	H _m =36.3dB	M _m =32.7dB	L _m =25.5dB
SNR _s =1.7dB	H _s =2.3dB	M _s =1.8dB	L _s =2.1dB

FM-3



Features and Benefits:

- + Unique plastic headband and ear cups for extended comfort and Insulation.
- + Generous space inside cup to help the ears breathe thus improving comfort.
- + Professional earmuffs for durability and reliability.
- + Available in high visibility colors.

Suitable for Loud Machinery
Power tools, Loud Music, Noise places.

EN 352-1:2020
SNR 34dB

ANSI S3.19-1974
Noise Reduction Rate **NRR 28dB**
AS/NZS 1270:2002
SLC(80) = 34.6dB CLASS 5

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	21.7	23.8	33.3	38.2	35.9	41.5	39.6
Standard deviation Sf [dB]	2.8	2.2	2.7	2.8	2.8	3.4	3.0
APV Mf-Sf [dB]	18.8	21.6	30.6	35.4	33.1	38.1	36.6

SNR= 34dB	H=35dB	M=32dB	L= 25dB
SNR _m =35.5dB	H _m =37.9dB	M _m =33.6dB	L _m =26.8dB
SNR _s =2.0dB	H _s =2.6dB	M _s =2.0dB	L _s =2.0dB

FM-1A



Features and Benefits:

- + 304 stainless headband: corrosion resistance, heat resistance, good oxidation resistance, excellent weld ability.
- + Leather cover stainless steel headbands with 4-point suspension, suspension system helps distribute cushion pressure evenly.
- + Unique shell design guarantee offer high noise reduction rating.
- + Light weight, comfortable & effective ear muff range.
- + Suitable for Loud Machinery Power tools, Loud Music, Noise places.

EN 352-1:2020
SNR 31dB

Headbanded EarMuffs

SNR= 31dB	H=33dB	M=29dB	L= 21dB
SNR _m =32.5dB	H _m =35.3dB	M _m =31.4dB	L _m =23.1dB
SNR _s =1.9dB	H _s =2.2dB	M _s =2.0dB	L _s =2.2dB

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	15.8	21.8	30.9	40.1	37.5	34.3	31.5
Standard deviation Sf [dB]	2.4	2.5	2.9	2.9	3.0	2.7	2.6
APV Mf-Sf [dB]	13.3	19.3	28.0	37.3	34.5	31.6	28.9

FM-1B



Features and Benefits:

- + Foldable headband easy for carrying & storage, save shipping cost.
- + Unique shell design guarantee offer high noise reduction rating.
- + Light weight, comfortable & effective ear muff range.
- + Wide cushion for comfort.
- + Suitable for Loud Machinery Power tools, Loud Music, Noise places.

EN 352-1:2020
SNR 31dB

ANSI S3.19-1974
Noise Reduction Rate **NRR 26dB**
AS/NZS 1270:2002
SLC(80) = 30.5dB CLASS 5

SNR= 31dB	H=35dB	M=29dB	L= 20dB
SNR _m =32.2dB	H _m =37.0dB	M _m =30.4dB	L _m =21.8dB
SNR _s =1.2dB	H _s =1.7dB	M _s =1.3dB	L _s =1.7dB

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	15.8	19.4	31.2	40.4	37.4	37.0	34.8
Standard deviation Sf [dB]	2.7	1.6	2.9	2.4	3.2	3.0	2.5
APV Mf-Sf [dB]	13.1	17.8	28.3	38.0	34.1	34.0	32.3

FM-1C



Features and Benefits:

- + 304 stainless neckband: corrosion resistance, heat resistance, good oxidation resistance, excellent weld ability and velcro strip for easy fixing.
- + Unique shell design guarantee offer high noise reduction rating.
- + Light weight, comfortable & effective ear muff range.
- + Wide cushion for comfort.
- + Suitable for Loud Machinery Power tools, Loud Music, Noise places.

EN 352-1:2020
SNR 30dB

Neckbanded EarMuffs

SNR= 30dB	H=32dB	M=29dB	L= 21dB
SNR _m =32.0dB	H _m =34.8dB	M _m =30.5dB	L _m =23.4dB
SNR _s =1.9dB	H _s =2.8dB	M _s =1.8dB	L _s =2.6dB

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	18.3	20.6	29.1	38.4	36.4	33.2	34.1
Standard deviation Sf [dB]	4.0	2.5	2.5	2.5	3.2	3.8	3.5
APV Mf-Sf [dB]	14.3	18.0	26.6	35.8	33.2	29.4	30.6

FM-1D



Features and Benefits:

- + 304 stainless headband: corrosion resistance, heat resistance, good oxidation resistance, excellent weld ability.
- + Unique shell design guarantee offer high noise reduction rating.
- + Light weight, comfortable & effective ear muff range.
- + Wide cushion for comfort.
- + Suitable for Loud Machinery Power tools, Loud Music, Noise places.

EN 352-3:2020
SNR 28dB

Cap Mounted EarMuffs

SNR= 28dB	H=30dB	M=27dB	L= 20dB
SNR _m =30.4dB	H _m =32.9dB	M _m =28.9dB	L _m =22.3dB
SNR _s =2.0dB	H _s =2.6dB	M _s =2.2dB	L _s =2.6dB

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	16.7	19.8	27.1	35.3	35.5	31.3	31.0
Standard deviation Sf [dB]	3.0	2.7	3.4	3.6	3.2	3.5	3.8
APV Mf-Sf [dB]	13.7	17.0	23.7	31.7	32.3	27.8	27.2

FM-3E

25mm/30mm adaptor plug option

**Features and Benefits:**

- + Soft and wide sealing rings filled with a unique combination foam to offer optimum sealing and low pressure.
- + Generous space inside cup to help the ears breathe thus improving comfort.
- + Professional earmuffs for durability and reliability.
- + Available in high visibility colors.

Suitable for Loud Machinery
Industrial Machines, Power tools, Loud Music, Noise places.

EN 352-3:2020
SNR 32dB

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	18.6	26.5	33.5	35.9	33.0	38.7	35.2
Standard deviation Sf [dB]	2.6	2.8	3.4	3.9	3.0	4.1	3.8
APV Mf-Sf [dB]	16.0	23.7	30.2	32.0	29.9	34.6	31.5
SNR= 32dB							
SNR _m = 34.0dB	H= 32 dB						
SNR _s = 2.1dB	H _m = 34.3dB						
	H _s = 2.3dB						
	M= 31 dB						
	M _m = 33.0dB						
	M _s = 2.4dB						
	L= 24 dB						
	L _m = 26.7dB						
	L _s = 2.5dB						

**EM-5003**AS/NZS
certified products**Double layer plastic Headband**
Features and Benefits:

- + Unique Double layer plastic headband and ear cups for extended comfort.
- + Soft and wide sealing rings filled with a unique combination foam to offer optimum sealing and low pressure.
- + Generous space inside cup to help the ears breathe thus improving comfort.
- + Professional earmuffs for durability and reliability.
- + Available in high visibility colors.



Suitable for Loud Machinery, Lawn Movers, Engines, Industrial Machines,
Power tools, Loud Music, Noise places.



Test frequencies (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation(dB)	15.7	17.7	26.8	38.5	38.4	39.0	41.4
Standard Deviation(dB)	3.2	2.6	2.9	3.0	2.9	4.1	3.4
Mean-minus-Std. dev.dB/APV	12.5	15.1	23.9	35.5	35.5	34.8	38.0
SNR= 29dB							
SNR _m = 31.1dB	H= 36dB						
SNR _s = 2.3dB	H _m = 38.3dB						
	H _s = 2.4dB						
	M= 26dB						
	M _m = 28.5dB						
	M _s = 2.3dB						
	L= 18dB						
	L _m = 20.6dB						
	L _s = 2.5dB						

EN 352-1:2020 **SNR:29dB**ANSI S3.19-1974
Attenuation data

AS/NZ S1270:2002

SLC(80):29.2dB**NRR:23dB****Class 5****PACKING INFO**

UNIT PACK	polybag+header card
QTY/CTN	20PCS
CTN SIZE	55X22X35CM
CBM/CTN	0.042CBM
20FT	12860 PCS

EM-5003D

25mm/30mm adaptor plug option

**Features and Benefits:**

- + Soft and wide sealing rings filled with a unique combination foam to offer optimum sealing and low pressure.
- + Generous space inside cup to help the ears breathe thus improving comfort.
- + Professional earmuffs for durability and reliability.
- + Available in high visibility colors.

Suitable for Loud Machinery
Industrial Machines, Power tools, Loud Music, Noise places.

EN 352-3:2020
SNR 27dB

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	13.7	15.8	25.0	33.9	35.7	28.5	30.6
Standard deviation Sf [dB]	2.5	2.3	2.6	2.5	3.2	2.1	2.8
APV Mf-Sf [dB]	11.2	13.5	22.4	31.4	32.5	26.5	27.8
SNR= 27dB							
SNR _m = 27.9dB	H= 30dB						
SNR _s = 1.2dB	H _m = 31.5dB						
	H _s = 1.6dB						
	M= 25dB						
	M _m = 26.1dB						
	M _s = 1.4dB						
	L= 17dB						
	L _m = 18.7dB						
	L _s = 1.7dB						

**EM-5008**AS/NZS
certified products**Headband**
Features and Benefits:

- + New Clarity improves safety and communication by blocking hazardous noise.
- + Unique plastic headband and ear cups for extended comfort and Insulation.
- + Professional earmuffs for durability and reliability.
- + Available in high visibility colors.
- + High attenuation provides ideal protection for workers exposed to high levels of hazardous noise.

Suitable for Loud Machinery, Lawn Movers, Engines, Industrial Machines,
Power tools, Loud Music, Noise places.



EN 352-1:2020
SNR 29dB

ANSI S3.19-1974
Noise Reduction Rate **NRR 22dB**
AS/NZS 1270:2002
SLC(80) = 26.9dB CLASS 5

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	16.7	16.8	25.5	36.4	35.1	40.3	38.4
Standard deviation Sf [dB]	2.3	1.8	2.7	3.0	2.9	2.9	3.2
APV Mf-Sf [dB]	14.4	15.0	22.8	33.5	32.2	37.4	35.2
SNR= 29dB							
SNR _m = 30.2dB	H=34dB						
SNR _s = 1.6dB	H _m = 36.6dB						
	H _s = 2.2dB						
	M=26dB						
	M _m = 27.6dB						
	M _s = 1.6dB						
	L= 19dB						
	L _m = 20.3dB						
	L _s = 1.6dB						

EM-5001B



Folding Headband

Features and Benefits:

- + Folding headband and ear cups for extended comfort.
- + Stainless steel wire for easy personalized fit adjustment.
- + Standard shell design guarantee of fer high noise Reduction Rating.
- + Generous space inside cup to help the ears breathe thus improving comfort.
- + Professional earmuffs for durability and reliability.
- + Available in several versions including: Headband, foldable, neckband and helmet mounted versions, All versions are available in high visibility colors.

Suitable for Loud Machinery, Lawn Movers, Engines, Industrial Machines, Power tools, Loud Music, Noise places.



Test frequencies (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation(dB)	17.8	23.3	32.8	40.6	38.7	34.0	34.3
Standard Deviation(dB)	2.1	2.2	3.1	2.6	4.2	3.1	3.2
Mean-minus-Std. dev.dB/APV	15.6	21.1	29.7	37.9	34.5	30.8	31.1
SNR= 32dB	H=34dB	M=31dB	L= 23dB				
SNR _m =33.6dB	H _m =35.6dB	M _m =32.7dB	L _m =24.8dB				
SNR _s =1.4dB	H _s =1.6dB	M _s =1.6dB	L _s =1.6dB				

EN 352-1:2020 **SNR:32dB**

ANSI S3.19-1974
Attenuation data

NRR:26dB

AS/NZ S1270:2002
SLC(80): 29.2dB

Class 5

PACKING INFO

UNIT PACK	COLOR BOX
QTY/CTN	20PCS
CTN SIZE	50X28.5X40CM
CBM/CTN	0.057CBM
20FT	9800 PCS

EM-5006



Headband

Features and Benefits:

- + Padded headband with trim and ear cups for extended comfort.
- + Stainless steel wire for easy personalized fit adjustment.
- + Unique shell design guarantee offer high noise Reduction Rating.
- + Generous space inside cup to help the ears breathe thus improving comfort.
- + Professional earmuffs for durability and reliability.
- + Available in several versions including: Headband, foldable, neckband and helmet mounted versions, All versions are available in high visibility colors.

Suitable for Loud Machinery, Lawn Movers, Engines, Industrial Machines, Power tools, Loud Music, Noise places.



PACKING INFO

UNIT PACK	COLOR BOX
QTY/CTN	20PCS
CTN SIZE	50X30X40CM
CBM/CTN	0.06CBM
20FT	9300PCS

EN 352-1:2020 **SNR:32dB**

ANSI S3.19-1974
Attenuation data

NRR:27dB

AS/NZ S1270:2002
SLC(80): 32.3dB

Class 5

Test frequencies (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation(dB)	18.0	26.6	34.7	41.0	38.6	32.9	34.3
Standard Deviation(dB)	3.1	2.3	3.5	2.9	3.1	3.6	3.7
Mean-minus-Std. dev.dB/APV	14.9	24.3	31.3	38.1	35.5	29.3	30.6
SNR= 32dB	H= 32 dB	M= 32 dB	L= 24 dB				
SNR _m = 34.2dB	H _m = 35.2dB	M _m = 34.0dB	L _m = 26.3dB				
SNR _s = 1.9dB	H _s = 2.8dB	M _s = 1.7dB	L _s = 2.5dB				

EM-5001B

CE ANSI AS/NZS
certified products
SNR: 32dB NRR: 26dB
SLC(80): 29.2dB CLASS 5



EM-5001



EM-5001A

CE ANSI AS/NZS
certified products
SNR: 32dB NRR: 27dB
SLC(80): 29.8dB CLASS 5



EM-5006 Plus

NRR: 28dB ANSI



EM-5006A



EM-5006B



EM-5001C



EM-5001D

25mm/30mm adaptor plug option



EM-5001E

25mm/30mm adaptor plug option



EM-5006C



EM-5006D

25mm/30mm adaptor plug option



EM-5006E

25mm/30mm adaptor plug option





EM-5007B

AS/NZS
certified products

Folding Headband

Features and Benefits:

- + Padded headband and ear cups for extended comfort.
- + Stainless steel wire for easy personalized fit adjustment.
- + Unique BDS-shell design guarantee offer high noise Reduction Rating.
- + Generous space inside cup to help the ears breathe thus improving comfort.
- + Professional earmuffs for durability and reliability.
- + Available in several versions including: Headband, foldable, neckband and helmet mounted versions,
- + All versions are available in high visibility colors.



Suitable for Loud Machinery, Lawn Movers, Engines,
Industrial Machines, Power tools, Loud Music, Noise places.

EN 352-1:2020 **SNR:33dB**ANSI S3.19-1974
Attenuation data

AS/NZ S1270:2002

SLC(80): 33.3dB**NRR:26dB****Class 5**

PACKING INFO

UNIT PACK	COLOR BOX
QTY/CTN	20PCS
CTN SIZE	50X30X40CM
CBM/CTN	0.06CBM
20FT	9300PCS

Test frequencies (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation(dB)	17.9	22.9	33.7	41.5	38.4	35.8	35.0
Standard Deviation(dB)	2.8	1.8	3.0	3.4	3.0	3.6	3.7
Mean-minus-Std. dev.dB/APV	15.1	21.1	30.7	38.1	35.3	32.2	31.3

SNR= 33dB	H= 35 dB	M= 31 dB	L= 23 dB
SNR _m = 34.1dB	H _m = 36.9dB	M _m = 32.9dB	L _m = 24.7dB
SNR _s = 1.5dB	H _s = 2.4dB	M _s = 1.5dB	L _s = 1.9dB

EM-5007

SNR: 34dB NRR: 27dB
SLC(80): 32.8dB CLASS 5

AS/NZS
certified products

EM-5007A



EM-5007B

AS/NZS
certified products

SNR: 33dB NRR: 26dB
SLC(80): 33.3dB CLASS 5



EM-5007C

AS/NZS
certified products

NRR: 26dB
SLC(80): 25.8dB
CLASS 5



EM-5007D

25mm/30mm adaptor plug option



EM-5007E

AS/NZS
certified products

SNR: 30dB NRR: 25dB
SLC(80): 25.8dB CLASS 5



EM-5007E-2



Shooting Earmuff

AS/NZS
certified products

Folding Headband Features and Benefits:

- + Padded headband and ear cups for extended comfort.
- + Stainless steel wire for easy personalized fit adjustment.
- + Low profile design slim and easy to carry.
- + Professional earmuffs for durability and reliability.
- + Available in high visibility colors.
- + Customized water transfer printing pattern on muff cups are optional.



Customized Printing

**NEW**

EM-5005F

EN 352-1:2002
SNR 29dB

EM-5005

Test frequencies (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation(dB)	13.6	15.7	21.0	28.4	33.2	42.6	42.8
Standard Deviation(dB)	3.2	2.1	1.9	2.4	2.8	3.3	4.1
Mean-minus-Std. dev.dB/APV	10.4	13.6	19.1	26.1	30.4	39.3	38.7

SNR= 26dB	H= 32 dB	M= 23 dB	L= 16 dB
SNR _m = 27.4dB	H _m = 33.6dB	M _m = 24.4dB	L _m = 18.3dB
SNR _s = 1.4dB	H _s = 1.7dB	M _s = 1.5dB	L _s = 1.9dB

EN 352-1:2020 **SNR:26dB**ANSI S3.19-1974
Attenuation data

AS/NZ S1270:2002

SLC(80): 25.8dB**NRR:20dB****Class 5**

KM-5



Folding Headband Features and Benefits:

- + Padded headband and ear cups for extended comfort.
- + Stainless steel wire for easy personalized fit adjustment.
- + Generous space inside cup to help the ears breathe thus improving comfort.
- + Mini slim design, foldable and easy to carry out.
- + Available in high visibility colors.

KM-5F **NEW**EN 352-1:2002
SNR 24dBANSI S3.19-1974
Noise Reduction Rate
NRR 19dB

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	10.7	13.5	22.5	32.4	33.0	36.3	32.9
Standard deviation Sf [dB]	2.6	2.4	4.0	4.5	3.9	3.3	3.9
APV Mf- Sf [dB]	8.1	11.1	18.5	27.9	29.2	33.0	29.0

SNR= 24 dB	H= 30 dB	M= 22 dB	L= 14 dB
SNR _m = 26.5dB	H _m = 33.3dB	M _m = 24.0dB	L _m = 16.1dB
SNR _s = 2.3dB	H _s = 3.2dB	M _s = 2.5dB	L _s = 2.1dB



KM-2

AS/NZS
certified products

Folding Headband

Features and Benefits:

- + Padded headband and ear cups for extended comfort.
- + Stainless steel wire for easy personalized fit adjustment.
- + Professional earmuffs for durability and reliability.
- + Available in high visibility colors.
- + Customized water transfer printing pattern on muff cups are optional.

EN 352-1:2020
SNR 27dB

ANSI S3.19-1974
Noise Reduction Rate **NRR 21dB**
AS/NZS 1270:2002
SLC(80) = 25.8dB CLASS 5

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	14.6	15.5	22.9	30.7	34.4	41.5	41.0
Standard deviation Sf [dB]	3.2	2.1	1.8	2.3	2.8	3.0	2.7
APV Mf-Sf [dB]	11.4	13.3	21.1	28.4	31.5	38.5	38.3

SNR= 27dB	H=33dB	M=24dB	L= 17dB
SNR _m =28.3dB	H _m =35.0dB	M _m =25.4dB	L _m =18.7dB
SNR _s =1.3dB	H _s =1.9dB	M _s =1.2dB	L _s =1.8dB



KM-3

AS/NZS
certified products

Headband

Features and Benefits:

- + Plastic headband ear cups for extended comfort.
- + Professional earmuffs for durability and reliability.
- + Available in high visibility colors.
- + Customized water transfer printing pattern on muff cups are optional.

EN 352-1:2020
SNR 26dB

ANSI S3.19-1974
Noise Reduction Rate **NRR 20dB**
AS/NZS 1270:2002
SLC(80) = 26.1dB CLASS 5

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	13.2	14.7	22.1	30.7	35.8	41.9	41.0
Standard deviation Sf [dB]	2.8	2.7	2.8	2.3	2.6	3.4	2.9
APV Mf-Sf [dB]	10.4	12.0	19.3	28.4	33.1	38.5	38.1

SNR= 26dB	H=33dB	M=23dB	L= 15dB
SNR _m =27.6dB	H _m =35.3dB	M _m =24.7dB	L _m =17.6dB
SNR _s =2.1dB	H _s =1.9dB	M _s =2.1dB	L _s =2.2dB



BM-1

(0~12 Months)

AS/NZS
certified products

Features and Benefits:

- + The age range for our baby earmuffs are from newborn to 12 months old.
- + Baby earmuffs use an adjustable headband to hold the earmuffs in place, preventing uneven pressure being placed on the sides of your baby's head, like traditional earmuffs.
- + Our new adjustable headband design allows you to adjust the size of the headband to fit your baby's head better.
- + All headbands are interchangeable. the headband can be inserted/removed by lifting the clip on each earmuff cup and sliding the headband in or out.
- + Soft, smooth velcro to ensure there's no discomfort on your baby's skin.

EN 352-1:2020
SNR 23dB

ANSI S3.19-1974
Noise Reduction Rate **NRR 22dB**
AS/NZS 1270:2002
SLC(80) = 26.8dB CLASS 5

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	11.5	13.8	22.9	31.4	32.9	39.2	38.8
Standard deviation Sf [dB]	5.1	4.4	3.7	3.1	1.9	4.7	4.8
APV Mf-Sf [dB]	6.4	9.4	19.2	28.3	31	34.5	34

SNR=23dB	H=32dB	M=21dB	L= 12dB
SNR _m =26.9dB	H _m =33.9dB	M _m =24.3dB	L _m =16.5dB
SNR _s =3.5dB	H _s =2.1dB	M _s =3.6dB	L _s =4.3dB



BM-3

(3 Months ~ 3 Years)

Features and Benefits:

- + PERFECT HEARING PROTECTION for little ears
- + Comfortable, adjustable, and incredibly lightweight



BM-5

(3 Months ~ 3 Years)



Features and Benefits:

- + PERFECT HEARING PROTECTION for little ears
- + Comfortable, adjustable, and incredibly lightweight

SNR 23dB EN 352-1:2020

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	13.9	14.8	22.8	31.8	35.6	31.1	28.3
Standard deviation Sf [dB]	4.9	3.8	4.1	3.5	3.4	5.2	5.9
APV Mf-Sf [dB]	9.0	11.0	18.7	28.3	32.2	25.9	22.4

SNR=23dB	H=27dB	M=22dB	L=14dB
SNR _m =26.8dB	H _m =31.2dB	M _m =24.8dB	L _m =18.0dB
SNR _s =3.4dB	H _s =4.0dB	M _s =3.3dB	L _s =3.8dB



EN 352-6:2020 -6.4 dBV (478.6 millivolts)	EN 352-4:2020 H=100.6 M=100.2 L=93.6	EN 352-1:2020 SNR 29dB
ANSI S3.19-1974 Noise Reduction Rate		NRR 21dB CSA Class B



- Premium Hearing Protector: SNR: 29 dB noise reduction rating, excellent effect of noise reduction.
- BLUETOOTH TECHNOLOGY: the built in microphone allow to make phone calls & stream music.
- BLUETOOTH 5.0: engineered with the latest Bluetooth 5.0 technology that provides lower consumption, more sensitive experience and a faster & more stable connection, also has a stereo sound quality that provides you with a smooth music experience.
- 1. Actively listens and automatically compress sounds when ambient sounds reach 82dB,
2. Actively listens and automatically cut off when ambient sounds reach 82dB.
providing noise optimal noise reduction across all frequencies, idea for both indoor and out door shooters and hunters.
- This active hearing protector uses SMART technologies to suppress harmful gunshot noise and amplify low-level sounds, reduces background noise for clearer conversation and hearing of commands.
- Voice Assistant for easy set-up and guidance, hands free.
- Includes AUX input and 3.5mm connection cord for MP3 players or other audio devices.



Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	14.4	16.1	22.4	30.9	31.1	34.9	35.5
Standard deviation Sf [dB]	2.7	2.8	2.9	3.0	2.8	3.5	3.4
APV Mf-Sf [dB]	11.7	13.3	19.4	27.9	28.4	31.4	32.1

SNR= 26dB	H= 30 dB	M= 23 dB	L= 17 dB
SNR _m = 27.9dB	H _m = 32.3dB	M _m = 25.4dB	L _m = 19.1dB
SNR _a = 2.4dB	H _a = 2.1dB	M _a = 2.5dB	L _a = 2.5dB

EM-9001BP

AS/NZS
certified products

EM-9001BP ELECTRONIC EARMUFFS WITH BLUETOOTH

- Premium Hearing Protector: SNR: 29 dB noise reduction rating, excellent effect of noise reduction.
- BLUETOOTH TECHNOLOGY the built in microphone allow to make phone calls & stream music.
- BLUETOOTH: engineered with the latest Bluetooth technology that provides lower consumption, more sensitive experience and a faster & more stable connection, also has a stereo sound quality that provides you with a smooth music experience.
- Voice assistant for easy set-up and guidance, hands free.
- Includes AUX input and 3.5mm connection cord for MP3 players or other audio devices.



EM-9001BP EN 352-6; EN 352-8

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	18.3	22.5	29.0	33.8	29.6	35.0	37.8
Standard deviation Sf [dB]	2.4	2.0	2.3	2.7	2.3	3.3	2.4
APV Mf-Sf [dB]	15.9	20.5	26.7	31.2	27.4	31.7	35.4
SNR=30dB SNRm=31.6dB SNRs=1.2dB							
H=30dB Hm=31.6dB Hs=1.8dB							
M=29dB Mm=29.9dB Ms=1.3dB							
L=23dB Lm=24.5dB Ls=1.6dB							

**SNR
30dB**

EN 352-1:2020

ANSI S3.19-1974
Noise Reduction Rate **NRR 23dB**AS/NZS 1270:2002
SLC(80) = 23.7dB **CLASS 4**

EM-9001C

AS/NZS
certified products

EM-9001C ELECTRONIC EARMUFFS WITH COMPRESSION

- Premium Hearing Protector: SNR: 28 dB noise reduction rating, excellent effect of noise reduction.
- 1. Actively listens and automatically compress sounds when ambient sounds reach 82dB,
- 2. Actively listens and automatically cut off when ambient sounds reach 82dB, providing noise optimal noise reduction across all frequencies, idea for both indoor and out door shooters and hunters.
- This active hearing protector uses SMART technologies to suppress harmful gunshot noise and amplify low-level sounds, reduces background noise for clearer conversation and hearing of commands.
- Includes AUX input and 3.5mm connection cord for MP3 players or other audio devices.



EM-9001C

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	16.3	19.0	24.5	33.1	32.3	36.8	39.9
Standard deviation Sf [dB]	2.7	2.9	3.0	2.5	2.6	2.7	3.0
APV Mf-Sf [dB]	13.6	16.1	21.5	30.5	29.7	34.2	36.9
H-value : 32dB							
M-value : 25dB							
L-value : 19dB							

**SNR
28dB**

EN 352-1:2002

ANSI S3.19-1974
Noise Reduction Rate **NRR 22dB**AS/NZS 1270:2002
SLC(80) = 26.3dB **CLASS 5**AS/NZS
certified products

EM-9005



Features and Benefits:

- Noise Reduction Rating (SNR) 26 dB**, helps you protect your hearing while you are cleaning, mowing, forest trimming, wood work, shooting and construction.
- Bluetooth 5.0 technology**, compatible with most blue-tooth devices, quickly and steadily stream with your mobile phones, MP3, iPad, PC, laptop and any other Bluetooth enabled device to listen to music, Zostcasts & audio book.
- AM/FM Radio**, with sensitive antenna, performance with clear sound, manual tuning and auto-searching helps you quickly search out your favorite stations. Channel memory function, an unlimited number preset channels can be saved in your headset.
- Wide headband**, adjustable to fit with all size range head sizes, suitable headband force & soft padding cushions, comfortable wearing for whole day working.
- User-Friendly Design**, big button and easy operation system, no need to take off the headset, easy to operate even when you are wearing groves.
- Power source 3 "AAA" batteries**, don't worry about running out of battery, easy to get supplyment batteries.
- 3.5mm Aux line-in cable**, even the headset is run out of battery, you can connect your headset with mobile phone, MP3 and any other Bluetooth enabled device to enjoy your music postcasts & audio book.
- Audio Assistance**, free your hands to operate and set-up guidance, making and taking phone callsV without having to take out the handphone.

Frequency [Hz]	63	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	15.4	11.9	15.3	24.0	33.0	35.3	41.1	38.0
Standard deviation Sf [dB]	3.5	1.5	2.1	3.3	3.5	3.4	4.1	3.6
APV Mf-Sf [dB]	11.9	10.4	13.2	20.6	29.5	31.9	37.0	34.3
SNR= 26dB SNRm=28.3dB SNRs=2.1dB								
H=33dB Hm=35.7dB Hs=2.6dB								
M=23dB Mm=25.7dB Ms=2.2dB								
L= 16dB Lm=17.8dB Ls=1.8dB								

EN 352-1:2020 **SNR:26dB**ANSI S3.19-1974
Attenuation dataAS/NZ S1270:2002
SLC(80): 24.7dB

EN 352-6

NRR:20dB
CSA Class B**Class 4**

EN 352-8

GEL EAR PADS Material : PU + GEL



9201

9202

9203



EM-9008

Radio Reception

Features and Benefits:

- + Includes AUX input and 3.5mm connection cord for MP3 players or other audio devices.

Headphone Functionality



EM-9002B ▼

Bluetooth Connection



Features and Benefits:

- + **BLUETOOTH:** The built-in digital Bluetooth and microphone allow to take hands-free calls, stream music or your favorite podcast straight to your headphones.

Headphone Functionality

EM-9002C ▼

Sound Amplification



Features and Benefits:

- + Amplifies low-level sounds, reduce background noise. Electronic Ear Protection Earmuffs provide enhanced communication for hunting, shooting range, etc. The Built-in microphones reduce environmental voices when the sound is over 82dB to protect hearing.

Headphone Functionality

EM-9002D ▼

AUX Input



Features and Benefits:

- + Includes AUX input and 3.5mm connection cord for MP3 players or other audio devices.

Headphone Functionality

EM-9002R ▼

Radio Reception



Features and Benefits:

- + Digital AM/FM tuning searches for radio stations; hi-fidelity digital stereo radio reception, voice prompts, and volume management technology lets you create a personal listening experience indoors or out.

Headphone Functionality



- COMFORTABLE TO WEAR
- EFFECTIVE SOUND INSULATION
- FIT TO THE EAR CANAL



- COMFORTABLE TO WEAR
- EFFECTIVE SOUND INSULATION
- FREE ADJUSTMENT



Trusted Adjustable Noise Cancelling Earmuffs

THE HEADBAND IS MADE OF
TOUGH MATERIAL

EM-7002

TAILORED FOR COMFORT



skin-friendly leather cushion

adjustable flexible headband

360° rotation design

The radio function is not supported.

24 HOURS BATTERY LIFE



Built-in Rechargeable Lithium Battery

4H charging time

24H battery life

750mAh battery capacity

The radio function is not supported.



EM-9001BP



Enjoy and focus on your work time

Effective hearing protection

Hearing Protection by J&Y



FM-2

RELIABLE HEARING PROTECTION
For Airplane, Sporting Events, Fireworks and more

Fit Max Head Girth
49.5cm/19.48in



BM-1 **BM-3** **BM-3** **BM-5**



CERTIFICATE

Occupational Health and Safety Management Systems Certificate

Certificate Number: 00221S20291R0M

CQM hereby certifies that

Guangdong J&Y Industrial Co., Ltd.

Unit Social Credit Code:91440103MACW009L
 Domestic Add: No.285, Juhuashi Rd, Huashan Town, Huadu District, Guangzhou, China
 Certification Add: No.285, Juhuashi Rd, Huashan Town, Huadu District, Guangzhou, China(510880)

has implemented and maintains a Occupational Health and Safety Management System which fulfils the requirements of the following standards

GB/T 45001-2020/ISO 45001:2018

Occupational health and safety management systems -- Requirements with guidance for use

This certificate is valid to the following product(s)/service:

Design, production of protective products (earplugs, earmuffs, safety glasses, medical use goggles, non-sterile disposable medical masks, protective masks) and relevant management activities

Issued on: 2021-01-22
 Effective date: 2021-01-22
 Validity date: 2024-01-21
 Registration Number: CQM-44-2020-0107-0003

The validity of the certificate can be checked on www.cqm.com.cn, Certificate Confirmation and CQM website

Ji Xie Dong




CHINA QUALITY MARK CERTIFICATION GROUP
 Address: No.33, Zhonggang Road, Huadu District, Beijing, 100046, P.R. China
<http://www.cqm.com.cn>

0025737

ISO Certificate



MODULE D CERTIFICATE

Issued To

Guangdong J & Y Industrial Co., Ltd
 (Main Plant) Add: No.285 Juhuashi Rd, Huashan Town, Huadu District, Guangzhou, China, P.C: 510880

Has been found to conform to the requirements of Annex VIII (Module D) of Regulation 2016/425 on Personal Protective Equipment, as amended to apply in GB - Conformity to type based on quality assurance of the production process, for the manufacture and distribution of a range of earmuffs and ear plugs.

Standards	Module B Certificates*
EN 352-1: 2020	AB0321/19134-03/E00-00
EN 352-2: 2020	AB0321/19139-03/E00-00
EN 352-3: 2020	AB0321/19149-03/E00-00
EN 352-4: 2020	AB0321/19151-03/E00-00
	AB0321/19152-03/E00-00

* Where 'XX' denotes the Module B certificate issue number

This certificate is only valid if supported by a module D audit report issued by SATRA that is less than 12 months old

Date Issued 29th November 2024

Date first issued 29th November 2024

Valid Until 28th November 2025

SATRA Reference PRC2016308

Calvin Michael

Signed on behalf of SATRA Technology Centre Ltd - Approved Body Number: 0321

The issuance of this certificate is subject to the company maintaining its manufacturing and quality system to the required standard which will be monitored by: SATRA Technology Centre Limited, Wymouth Way, Telford Way, Kettering, Northamptonshire, NN16 8SD, United Kingdom - Tel: 0044 1536 410000 Web: www.satra.com



5170
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SATRA Certificate

Michael & Associates, Inc.

2766 W. College Ave Suite 1
 State College, PA 16801

814-234-7042 phone
 814-235-1381 fax
 Email: Kevin@michaelsassociates.com
 URL: www.michaelsassociates.com

Hearing Protective Device Test Report Number Q6828A Revision 1

Guangdong J&Y Industrial Co., Ltd.
 J&Y SAFETY (M) SDN. BHD.
 (Main Plant) Add: No.285 Juhuashi Rd, Huashan Town, Huadu District, Guangzhou, China, P.C: 510880
 (Branch Plant) Add: No. 3 Jalan Modal 23/2, Kawasan Miel, Seksyen 23, 40300 Shah Alam, Selangor Darul Ehsan
 Date of Report: 4/24/21
 Date of testing: 4/20/21-4/23/21
 Date of Revision 1: 10/2/24

Attenuation measurements have been performed according to the American National Standards Institute (ANSI) Specifications, ANSI S3.19-1974, using the experimenter-fit protocol, on the Guangdong J&Y Industrial Co., Ltd J&Y SAFETY (M) SDN. BHD. EC-1001A/EC-1001A-C/EC-1001A-C-D insert-type hearing protector (test ID Q6828A). The specified threshold measurement data were obtained using ten normally-hearing listeners, six male and four female. These listeners were selected from a standby group of about 35 volunteers who regularly serve as listeners for measurements of this kind.

The measurements were made in a room designed for this purpose. All acoustic characteristics of the room meet the requirements outlined in ANSI S3.19-1974, and open ear thresholds are used on a continuing basis to monitor the background noise levels. An automatic recording attenuator was used to record both open and occluded ear thresholds.

Each of ten subjects was tested three times at each of nine test frequencies. The attached Tables show grand mean attenuation values in decibels (dB) for each test signal along with group attenuation values. Standard deviations (S.D.) for the 30 different attenuation determinations for each test signal are also given. The results presented in this report pertain to the samples tested only.

Michael & Associates is accredited by the National Institute of Standards and Technology (NIST) National Laboratory Accreditation Program (NVLAP) for tests performed according to ANSI S3.19-1974, ANSI S12.6-2016, AS/NZ S1270:2002 and EN352 parts 1-10. These accreditation criteria encompass the requirements of international standard ISO 17025. This report may only be reproduced or transmitted electronically in its entirety. This report shall not be used to claim product certification, approval or endorsement by NIST, NVLAP or by any agency of the U.S. Government. All measurement equipment are calibrated with instrumentation traceable to the NIST. Accreditation documentation can be viewed at www.michaelsassociates.com/data/documents/NVLAP-2024.pdf.


Use these laboratory-derived attenuation data for comparison purposes only. The amount of protection afforded in field use is often significantly lower depending on how the protectors are fitted and worn.

Calvin Michael, MSS
 Director of Operations

Date 4/5/24
 Date of Rev 1: 10/2/24

Page 1 of 3

Earplug ANSI Certificate



EU Type-Examination Certificate

Certificate number: 2777/13330-05/E00-00

This EU Type-Examination Certificate covers the following product group(s) supported by testing to the relevant standards/technical specifications and examination of the technical file documentation. It has been issued Under Module B of Regulation 2016/425 on personal protective equipment. This product group has been shown to satisfy the applicable essential health and safety requirements as a Category III product.

Product reference: Description:

EC-1001A Disposable PU foam tapered uncoiled ear plugs sizing 5-11 mm
 EC-1001A-C Disposable PU foam tapered corded ear plugs sizing 5-11 mm
 EC-1001A-C-D Disposable PU foam tapered Metal detectable PVC/Brass corded ear plugs sizing 5-11 mm
 EC-1003A Disposable PU foam tapered uncoiled ear plugs sizing 5-10 mm
 EC-1003A-C Disposable PU foam tapered corded ear plugs sizing 5-10 mm
 EC-1003A-C-D Disposable PU foam tapered Metal detectable PVC/ Brass corded ear plugs, 5-10 mm
 EC-1007A Disposable PU foam T-shape uncoiled ear plugs sizing 5-10 mm
 EC-1007A-C Disposable PU foam T-shape corded ear plugs sizing 5-10 mm
 EC-1007A-C-D Disposable PU foam T-shape Metal detectable PVC/ Brass corded ear plugs, 5-10 mm

Classification:

EC-1001A/EC-1001A-C/EC-1001A-C-D	SNR = 38 dB	H = 37 dB	M = 36 dB	L = 32 dB
Frequency (Hz)	125	250	500	1000
Mean attenuation (dB)	30.1	34.2	41.0	41.7
Standard Deviation (dB)	3.9	4.0	4.1	4.7
Assumed protection (dB)	26.2	30.2	36.9	37.0
SNR _a = 40.1 dB				
SNR _a = 2.5 dB				

EC-1003A/EC-1003A-C/EC-1003A-C-D	SNR = 37 dB	H = 37 dB	M = 35 dB	L = 30 dB
Frequency (Hz)	125	250	500	1000
Mean attenuation (dB)	28.7	32.2	39.6	40.5
Standard Deviation (dB)	3.6	5.2	5.4	4.3
Assumed protection (dB)	25.1	27.0	34.2	35.0
SNR _a = 39.5 dB				
SNR _a = 2.5 dB				

EC-1007A/EC-1007A-C/EC-1007A-C-D	SNR = 36 dB	H = 34 dB	M = 34 dB	L = 34 dB
Frequency (Hz)	63	125	250	500
Mean attenuation (dB)	37.9	32.8	39.8	43.4
Standard Deviation (dB)	5.5	4.4	5.2	5.7
Assumed protection (dB)	32.4	28.4	34.8	37.6
SNR _a = 40.8 dB				
SNR _a = 4.3 dB				


Standards/Technical specifications applied:
 EN 352-2:2020

Technical reports/Approval documents:
 Interim: 190725089ZU-001
 Michael & Associates: Q6493A, Q6499A, Q6564A

Signed on behalf of SATRA: *Geoff Graham*
 Geoff Graham
 Date first issued: 09/09/2019
 Date of issue: 18/10/2024
 Expiry date: 18/10/2029

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Earplug CE Certificate



MODULE D CERTIFICATE

Issued To

Guangdong J & Y Industrial Co., Ltd
 No.285 Juhuashi Rd,Huashan Town,Huadu District Guangzhou 510800

Has been found to conform to the requirements of Annex VIII (Module D) of the PPE Regulation (EU) 2016/425 - Conformity to type based on quality assurance of the production process, for the manufacture and distribution of Manufacture and supply of a range of earmuffs and ear plugs.

Standards	Module B Certificates*
EN ISO 352-1: 2020	2777/13067-XX/E00-00
EN ISO 352-2: 2020	2777/13060-XX/E00-00
EN ISO 352-3: 2020	2777/13061-XX/E00-00
EN ISO 352-4: 2020	2777/13062-XX/E00-00
EN ISO 352-8: 2020	2777/13063-XX/E00-00
EN ISO 352-8: 2020	2777/13064-XX/E00-00
	2777/13075-XX/E00-00
	2777/13076-XX/E00-00
	2777/13326-XX/E00-00
	2777/13328-XX/E00-00
	2777/13329-XX/E00-00
	2777/13330-XX/E00-00
	2777/13331-XX/E00-00
	2777/13332-XX/E00-00
	2777/13333-XX/E00-00
	2777/13334-XX/E00-00
	2777/13335-XX/E00-00
	2777/13338-XX/E00-00
	2777/13339-XX/E00-00
	2777/14738-XX/E00-00
	2777/17598-XX/E00-00
	2777/20477-XX/E00-00
	2777/24186-XX/E00-00

* Where 'XX' denotes the Module B certificate issue number

This certificate is only valid if supported by a module D audit report issued by SATRA that is less than 12 months old.

Date of first issue 3rd July 2024

Date Issued 28th August 2024

Valid Until 2nd July 2025

SATRA Reference STE2007277

Revision 1 - STE2010512


Ruth Grover

Signed on behalf of SATRA Technology Europe Ltd - Notified Body Number: 2777

The issuance of this certificate is subject to the company maintaining its manufacturing and quality system to the required standard which will be monitored by: SATRA Technology Europe Limited, Broadtown Business Park, Clonree Dublin 15 D15 YN2P Ireland - Tel: +353 (0) 1 437 2484 Web: www.satra.com

Page 1 of 2

SATRA Certificate



Intertek SAI Global hereby grants: Guangdong J&Y Industrial Co., Ltd.

No.285, Juhuashi Road, Huashan Town, Huadu District, Guangzhou, China

StandardsMark Licence

Manufactured to:
AS/NZS 1270:2002 - Acoustics - Hearing protectors

"the StandardsMark Licensee "the right to use the STANDARDSMARK as shown below only in respect of the goods described and detailed in the Schedule which are produced by the Licensee or on behalf of the Licensee" and which comply with the appropriate Standard referred to above as from time to time amended. The Licence is granted subject to the rules governing the use of the STANDARDSMARK and the Terms and Conditions for certification and licence. The Licensee covenants to comply with all the Rules and Terms and Conditions.

Certificate No: **SMK40540**

Originally Certified: 23 January 2017

Current Certification: 20 January 2025

Issued: 30 January 2025

Expires: 22 January 2027

Ruth Grover
 Ruth Grover
 President, Business Assurance
 SAI Global Certification Services Pty. Ltd.
 Level 7 Suite 7.01 45 Clarence Street
 Sydney NSW 2000 Australia

* For details of manufacturers, refer to the license

Page 1 of 2

AS/NZS Certificate

Michael & Associates, Inc.

2766 W. College Ave Suite 1
 State College, PA 16801

814-234-7042 phone
 814-235-1381 fax
 Email: Kevin@michaelsassociates.com
 URL: www.michaelsassociates.com

Hearing Protective Device Test Report Number Q9026A Revision 1

Guangdong J&Y Industrial Co., Ltd.
 J&Y SAFETY (M) SDN.BHD.
 (Main Plant) Add: No.285 Juhuashi Rd, Huashan Town, Huadu District, Guangzhou China, P.C:510880
 (Branch Plant) Add: No. 3 Jalan Modal 23/2, Kawasan Miel, Seksyen 23, 40300 Shah Alam, Selangor Darul Ehsan.

Date of Revision 1: 9/26/24 (to correct manuf.)
 Date of Report: 9/25/24
 Date of testing: 8/15/24 - 9/19/24
 Date of Sample Receipt: 6/18/24

Attenuation measurements have been performed according to the American National Standards Institute (ANSI) Specifications, ANSI S3.19-1974, using the experimenter-fit protocol, on the Guangdong J&Y Industrial Co., Ltd. J&Y SAFETY (M) SDN.BHD. EC-3011B foam stemmed earplugs (test ID Q9026A). The specified threshold measurement data were obtained using twenty normally-hearing listeners. These listeners were selected as specified in AS/NZ S1270:2002.

The measurements were made in a room designed for this purpose. All acoustic characteristics of the room meet the requirements outlined in ANSI S3.19-1974. The ambient noise levels in this room are below the limits specified in ANSI S3.19-1974, and open ear thresholds are used on a continuing basis to monitor the background noise levels. An automatic recording attenuator was used to record both open and occluded ear thresholds.

Each of ten subjects was tested three times at each of seven test frequencies. The attached Tables show grand mean attenuation values in decibels (dB) for each test signal along with group attenuation values. Standard deviations (S.D.) for the 30 different attenuation determinations for each test signal are also given. The results presented in this report pertain to the samples tested only.

Michael & Associates is accredited by the National Institute of Standards and Technology (NIST) National Laboratory Accreditation Program (NVLAP) for tests performed according to ANSI S3.19-1974, ANSI S12.6-2016, AS/NZ S1270:2002 and EN352 parts 1-10. These accreditation criteria encompass the requirements of international standard ISO 17025. This report may only be reproduced or transmitted electronically in its entirety. This report shall not be used to claim product approval, certification or endorsement by NIST, NVLAP or by any agency of the U.S. Government. All measurement equipment are calibrated with instrumentation traceable to the NIST. Accreditation documentation can be viewed at www.michaelsassociates.com/data/documents/NVLAP-2024.pdf.

Use these laboratory-derived attenuation data for comparison purposes only. The amount of protection afforded in field use is often significantly lower depending on how the protectors are fitted and worn.

Jackie DiFranzese, AuD, PhD

Date 9/26/24

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Earplug ANSI Certificate

Michael & Associates, Inc.

2766 W. College Ave Suite 1
 State College, PA 16801

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 814-235-1381 fax
 Email: Kevin@michaelsassociates.com
 URL: www.michaelsassociates.com

Hearing Protective Device Test Report Number Q3680A Revision 0

BDS PPE Group Co., Ltd.
 No.5, Yongle Road, Huashan Town
 Huadu District, Guangzhou China

Date of Report: 7/13/15
 Date of testing: 7/6/15-7/10/15
 Date of Sample Receipt: 6/19/15

Attenuation measurements have been performed according to the Australian National Standard AS/NZ S1270:2002, on the BDS PPE Group Co., Ltd. EC1001A / EC1001AC foam earplug (test ID Q3680A). The specified threshold measurement data were obtained using twenty normally-hearing listeners. These listeners were selected as specified in AS/NZ S1270:2002.

The measurements were made in a room designed for this purpose. All acoustic characteristics of the room meet the requirements outlined in AS/NZ S1270:2002. The ambient noise levels in this room are below the limits specified in AS/NZ S1270:2002, and open ear thresholds are used on a continuing basis to monitor the background noise levels. An automatic recording attenuator was used to record both open and occluded ear thresholds.

Each of the twenty subjects was tested at each of seven test frequencies. The attached Tables show grand mean attenuation values in decibels (dB) for each test signal. Standard deviations (S.D.) for the attenuation determinations for each test signal are also given. The results presented in this report pertain to the samples tested only.

Michael & Associates is accredited by the National Institute of Standards and Technology (NIST) National Laboratory Accreditation Program (NVLAP) for tests performed according to AS/NZ S1270:2002, ANSI S3.19-1974, ANSI S12.6-2008, ANSI S12.42-2010 and EN352 parts 1-8. These accreditation criteria encompass the requirements of international standard ISO 17025. This report may only be reproduced or transmitted electronically in its entirety. This report shall not be used to claim product endorsement by NVLAP or by any agency of the U.S. Government.

Use these laboratory-derived attenuation data for comparison purposes only. The amount of protection afforded in field use is often significantly lower depending on how the protectors are fitted and worn.

Kevin Michael, Ph.D., President

Date 7/13/15

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Earplug AS/NZS Certificate


J&Y SAFETY 51

J&Y SAFETY 52

Michael & Associates, Inc.

Hearing Protective Device Test Report Number 09151A Revision 1

Guangdong J&Y Industrial Co., Ltd.
J&Y SAFETY (M) SDN.BHD.
(Main Plant) Add: No.285 Jiahushui Rd,
Huashan Town, Huadu District, Guangzhou
China, P.C:510880
(Branch Plant) Add: No. 3 Jalan Model 23/2, Kawasan
Miel, Seksyen 23, 40300 Shah Alam,
Selangor,Darul Ehyen.

®

TESTING
NVLP LAB CODE 100427-Q

Technician: Eileen Kline

Date of Revision 1: 11/7/24 (to correct manuf. name pg2)
Date of Report: 10/9/24
Date of testing: 9/5/24 – 10/3/24
Date of Sample Receipt: 9/3/24

Attenuation measurements have been performed according to the European Standards EN352-1:2020 on the Guangdong J&Y Industrial Co., Ltd. J&Y SAFETY (M) SDN.BHD. EM-9001BP earmuffs (test ID Q9151A). The specified threshold measurement data were obtained using six normal-hearing listeners. These listeners were selected as specified in EN352-1:2020.

The measurements were made in a room designed for this purpose. All acoustic characteristics of the room meet the requirements outlined in EN352-1:2020. The ambient noise levels in this room are below the limits specified in EN352-1:2020, and open ear thresholds are used on a continuing basis to monitor the background noise levels. An automatic recording attenuator was used to record both open and occluded ear thresholds.

Each of the sixteen subjects was tested at each of seven test frequencies. The attached Tables show mean and standard deviation attenuation values in decibels (dB) for each test signal. The results presented in this report pertain to the samples tested only.

Michael & Associates is accredited by the National Institute of Standards and Technology (NIST) National Laboratory Accreditation Program (NVLAP) for tests performed according to AS/NZS 1270:2002, ANSI S3.19-1974, ANSI S12.6-2016, ANSI S12.42-2010 and EN325 parts 1-10. These accreditation criteria encompass the requirements of international standard ISO 17025. This report may only be reproduced or transmitted electronically in its entirety. This report shall not be used to claim product certification, approval or endorsement by NVLAP or by any agency of the U.S. Government. Accreditation documentation can be viewed at www.michaelassociates.com/data/documents/NVLAP-2024.pdf.

Use these laboratory-derived attenuation data for comparison purposes only. The amount of protection afforded in field use is often significantly lower depending on how the protectors are fitted and worn.

Jackie DiFrancesco, AuD, PhD

Date 11/7/24

Earmuff CE Certificate

Earmuff CE Certificate

Michael & Associates, Inc.

Hearing Protective Device Test Report Number Q9119A Revision 1

Guangdong J&Y Industrial Co., Ltd.
J&Y SAFETY (M) SDN.BHD.
(Main Plant) Add: No.285 Juhiashi R.d.
Huashan Town, Huadu District, Guangzhou
China, P.C:510880
(Branch Plant) Add: No. 3 Jalan Modal 23/2,
Kawasan Miel, Seksyen 23, 40300 Shah Alam,
Selangor Darul Ehsan.

Date of Revision 1: 10/8/24 (to correct model pg1)
Date of Report: 10/7/24
Date of testing: 8/29/24 – 9/17/24
Date of Sample Receipt: 8/26/24

Attenuation measurements have been performed according to the European Standards EN352-1:2020 on the Guangdong J&Y Industrial Co., Ltd. J&Y SAFETY (M) SDN.BHD. EM-7001L earmuffs (test ID Q9119A). The specified threshold measurement data were obtained using sixteen normally-hearing listeners. These listeners were selected as specified in EN352-1:2020.

The measurements were made in a room designed for this purpose. All acoustic characteristics of the room meet the requirements outlined in EN352-1:2020. The ambient noise levels in this room are below the limits specified in EN352-1:2020, and open ear thresholds are used on a continuing basis to monitor the background noise levels. An automatic recording attenuator was used to record both open and occluded ear thresholds.

Each of the sixteen subjects was tested at each of seven test frequencies. The attached Tables show mean and standard deviation attenuation values in decibels (dB) for each test signal. The results presented in this report pertain to the samples tested only.

Michael & Associates is accredited by the National Institute of Standards and Technology (NIST) National Laboratory Accreditation Program (NVLAP) for tests performed according to AS/NZS 1270:2002, ANSI S3.19-1974, ANSI S12.6-2016, ANSI S12.42-2010 and EN352 part 1-10. These accreditation criteria encompass the requirements of international standard ISO 17025. This report may only be reproduced or transmitted electronically in its entirety. This report shall not be used to claim product certification, approval or endorsement by NVLAP or by any agency of the U.S. Government. Accreditation documentation can be viewed at www.michaelassociates.com/data/documents/NVLAP-2024.pdf.

Use these laboratory-derived attenuation data for comparison purposes only. The amount of protection afforded in field use is often significantly lower depending on how the protectors are fitted and worn.

Use these laboratory-derived attenuation data for comparison purposes only. The amount of protection afforded in field use is often significantly lower depending on how the protectors are fitted and worn.

Jackie DiFrancesco, AuD, PhD Date (Rev 10/8/24)

Earmuff CE Certificate

Earmuff CE Certificate

Michael & Associates, Inc.

Guangdong J&Y Industrial Co., Ltd.
J&Y SAFETY (M) SDN.BHD.
(Main Plant) Add: No.285 Juhuashi Rd.
Huashan Town, Huadu District, Guangzhou
China, P.C.510880
(Branch Plant) Add: No. 3 Jalan Modal 23/2,
Kawasan Miel, Seksyen 23, 40300 Shah Alam,
Selangor Darul Ehsan.



Date of Report: 10/7/24
Date of testing: 8/29/24 - 9/17/24
Date of Sample Receipt: 8/26/24

Attenuation measurements have been performed according to the European Standards EN352-1:2020 on the Guangdong J&Y Industrial Co., Ltd. J&Y SAFETY (M) SDN.BHD. EM-5005T earmuffs (test ID Q9115A). The specified threshold measurement data were obtained using sixteen normally-hearing listeners. These listeners were selected as specified in EN352-1:2020.

The measurements were made in a room designed for this purpose. All acoustic characteristics of the room meet the requirements outlined in EN352-1:2020. The ambient noise levels in this room are below the limits specified in EN352-1:2020, and open ear thresholds are used on a continuing basis to monitor the background noise levels. An automatic recording attenuator was used to record both open and occluded ear thresholds.

Each of the sixteen subjects was tested at each of seven test frequencies. The attached Tables show mean and standard deviation attenuation values in decibels (dB) for each test signal. The results presented in this report pertain to the samples tested only.

Michael & Associates is accredited by the National Institute of Standards and Technology (NIST) National Laboratory Accreditation Program (NVLAP) for tests performed according to ASTM S1270-2002, ANSI S3.19-1974, ANSI S12.6-2016, ANSI S12.42-2010 and EN352 parts 1-10. These accreditation criteria encompass the requirements of international standard ISO 17025. This report may only be reproduced or transmitted electronically in its entirety. This report shall not be used to claim product certification, approval or endorsement by NVLAP or by any agency of the U.S. Government. Accreditation documentation can be viewed at www.michaelassociates.com/data/documents/NVLAP-2024.pdf.

Use these laboratory-derived attenuation data for comparison purposes only. The amount of protection afforded in field use is often significantly lower depending on how the protectors are fitted and worn.

Jackie DiFrancesco, AuD, PhD

10/7/24

Earmuff CE Certificate

SATRA Technology Group Limited, Brandon Business Park, Clontarf, Dublin 15, Ireland

EU Type-Examination Certificate

Certificate number: 2777/13332-04/E00-00

This EU Type-Examination Certificate covers the following product group(s) supported by testing to the relevant standards/technical specifications and examination of the technical file documentation. It has been issued Under Module B of Regulation 2016/425 on personal protective equipment. This product group has been shown to satisfy the applicable essential health and safety requirements as a Category III product.

Product reference: EC-4101, EC-4102, EC-4103, EC-4109

Description: Banded silicon earplug, under-the-chin type, Silicon tip with PP band, nominal diameter 10/14mm, SNR = 30 dB; Banded earplug, under-the-chin type, PU foam tip with PP band, nominal diameter 12/17mm, SNR = 29 dB; Banded earplug, under-the-chin type, PU foam tip with PP band, nominal diameter 11/16mm, SNR = 27 dB; Banded earplug (foldable), under-the-chin type, PU foam tip with PP band, nominal diameter 8/18mm, taper shape design, SNR = 28 dB

Classification: EC-4101, EC-4102, EC-4103, EC-4109

Standards/Technical specifications applied: EN 352-2:2020

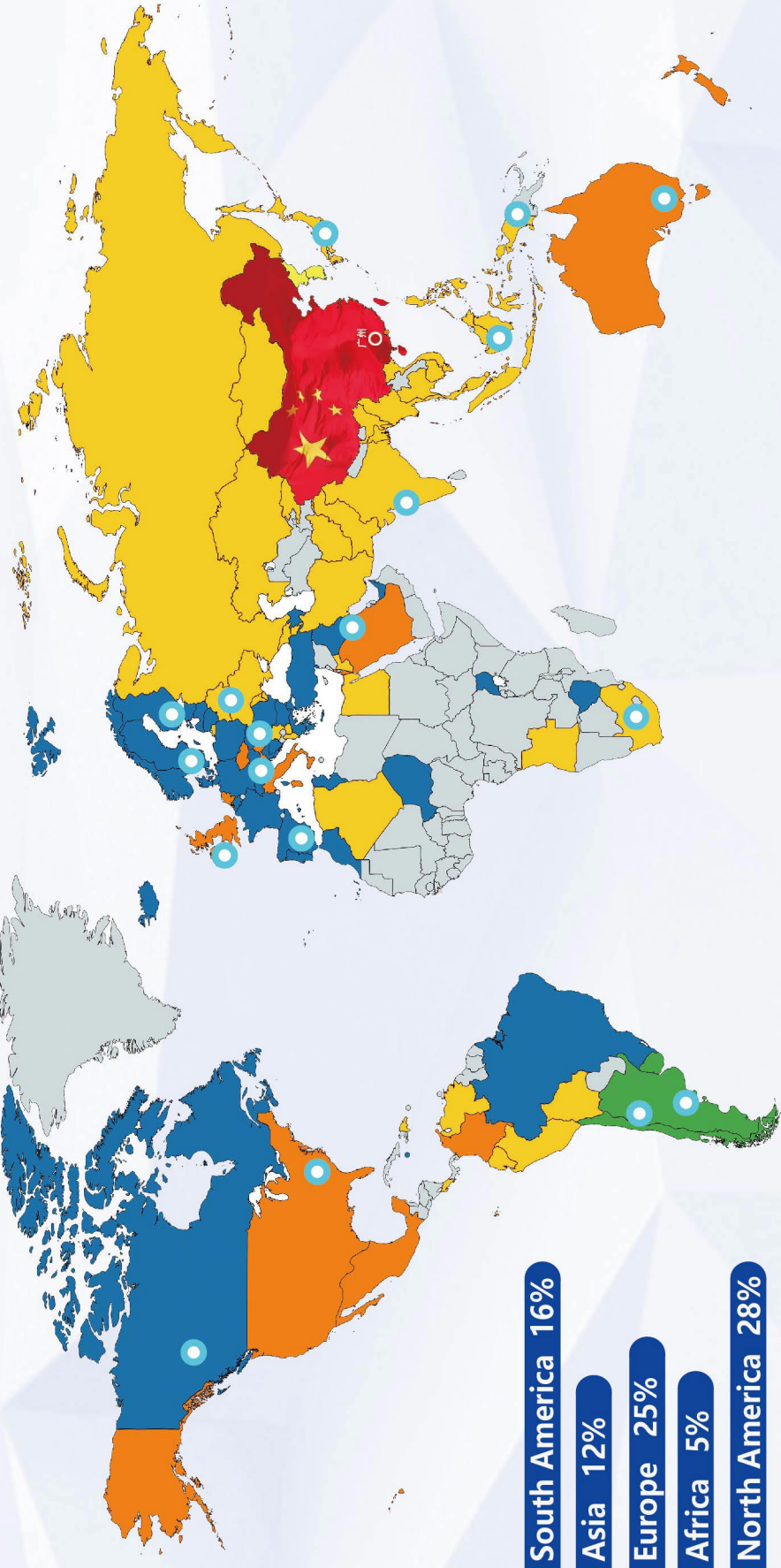
Technical reports/Approval documents: Interlink: 190725089GZU-001, Michael & Associates: Q4638A Revision 1, Q4689A Revision 1, Q4697A Revision 1, Q5102A Revision 1

Signed on behalf of SATRA: Geoff Graham

Date first issued: 09/09/2019
Date of issue: 18/10/2024
Expiry date: 21/12/2027

Earplug CE Certificate

全球分布图 GLOBAL DISTRIBUTION MAP



证书号第4096425号



发明专利证书

发明名称: 一种负离子PU材料耳塞

发明人: 林太钦

专利号: ZL 2017 1 1298439.7

专利申请日: 2017年12月08日

专利权人: 广州金海纳防护用品有限公司

地址: 510000 广东省广州市花都区花山镇永乐路5号(可作厂房使用)

授权公告日: 2020年11月17日 授权公告号: CN 107854214 B

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局长 申长雨



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其他事项参见背面

证书号第6698907号



实用新型专利证书

实用新型名称: 一种具有耳罩的安全帽

发明人: 林太钦

专利号: ZL 2017 2 0015573.0

专利申请日: 2017年01月06日

专利权人: 广州金海纳防护用品有限公司

地址: 510000 广东省广州市花都区花山镇永乐路5号(可作厂房使用)

授权公告日: 2017年12月08日

本实用新型经过本局依照中华人民共和国专利法进行初步审查, 决定授予专利权, 颁发实用新型专利证书并在专利登记簿上予以登记, 专利权自授权公告之日起生效。

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局长 申长雨



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