J&Y www.cn-safety.com

广州金海纳防护用品有限公司

GUANGZHOU J&Y SAFETY PRODUCTS MANUFACTURER CO., LTD.

ADD: NO.5 Yongle Road, Huashan Town, Huadu District, Guangzhou, China. 510876
TEL: 86-20-36853918 FAX: 86-20-36853898
Mobile: 86-13544565835
http://www.cn-safety.com
E-mail: jysafety@cn-safety.com

www.cn-safety.com

J&Y SAFETY

To be the most professional manufacturer of Head Protection Products!

COMPANY PROFILE

We,Guangzhou J&Y Safety Products Manufacturer Co.,Ltd is located in Huadu District，Guangzhou City.It is about 20 minutes drive to the Baiyun Airport，and 1 hour to Guangzhou Port. We have 2 manufacturing foundations covering an area over 60,000 square meters，more than 400 workers, USD 25 million output of Auto-production lines.

Our company specialized in Manufacturing Hearing Protective products,such as Disposable and Reusable earplugs, Passive & Active Electronic earmuffs.They are mainly used as labor protection and personal protection equipment involving industrial，mining,military,aviation,tourism,airlines,sports,medicals and other fields.OEM is welcomed!

We take"**To Be the Most Professional Manufacturer of Hearing Protection Products!**" as our eidos of management.We had got ANSI,CE,AS/NZS certifications for our products.

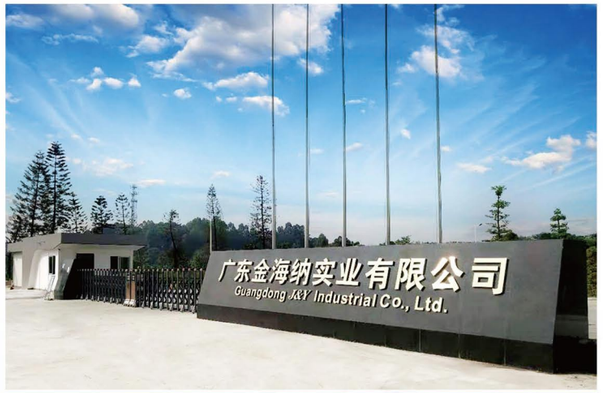
We have the independent import and export license.Our main market is USA, European,Australia,Japan,Hong Kong,Taiwan etc.With good quality and best after-sell service,J&Y has been well known by many customers all over the world.

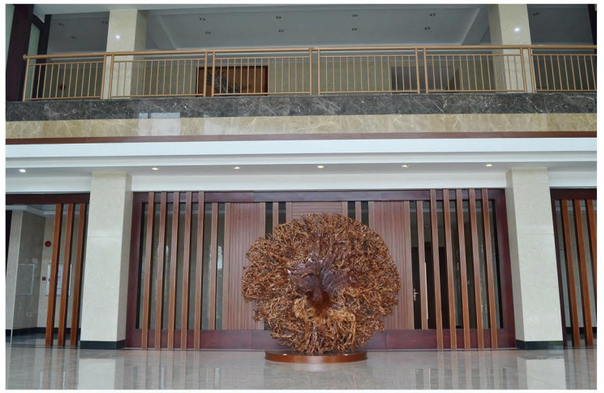
In the further development,we will enlarge our products range,while maintaining our best quality,and provide our best service to every customer.welcome to contact us.

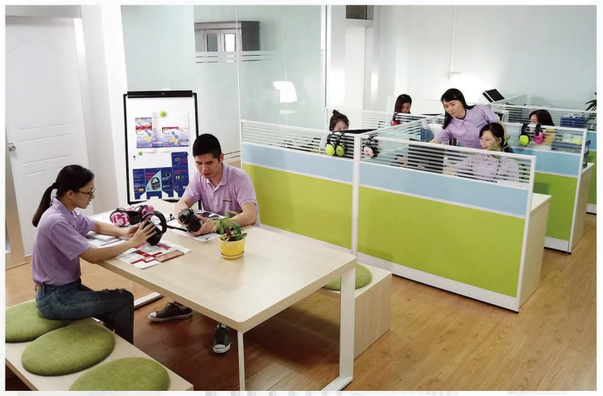
To be the most Professional Manufacturer of
Hearing Protection Products!

J&Y SAFETY

HEADQUARTERS







J&Y SAFETY BRANCH

J&Y SAFETY WORKSHOP REVIEW

- Assemble -

- Assemble -

- Injection -

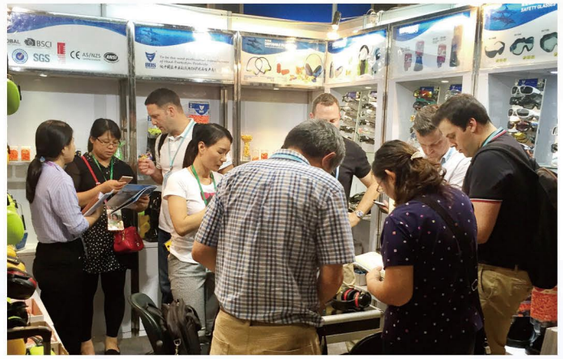
- Packing -

- Auto-packing -

- Warehouse -

J&Y SAFETY

EXHIBITIONS



HEARING
PROTECTION

Protection Marking Chart

	dBA		
Harmful Range	140		Jet Engine
	130		Riveting Hammer
	120		Propeller Aircraft
	110		Rock Drill
	100		Plate Fabrication Shop
	90		Heavy Vehicle
Upper Action Level	85		Busy Traffic
Lower Action Level	80		
	70		Private Car
	60		Conversation

SAI GLOBAL · BSCI Business Social Compliance Initiative · CE · AS/NZS certified products · ANSI ANSI Accredited Certification Program · Certified Product™ Australian Standard AS/NZS 1270:2002 SMK40540 · Certified Product™ Australian Standard AS/NZS 1337.1: 2010 SMK40575

FDA :10054875 · ISO 9001 · Supplier Assessment · SGS

- CE EN 352
- Test By Michael Associates Inc.
- Certification Notified Body: SATRA Technology Europe Limited.
- Notified body Number : 2777

- ANSI S3. 19-1974
- AU/NZS 1270:2002
- Test by Micheal Associates Inc.

PU FOAM EARPLUG 1

SILICONE EARPLUG 6

PACKING SERIES 17

EARMUFF 18

CERTIFICATE 36







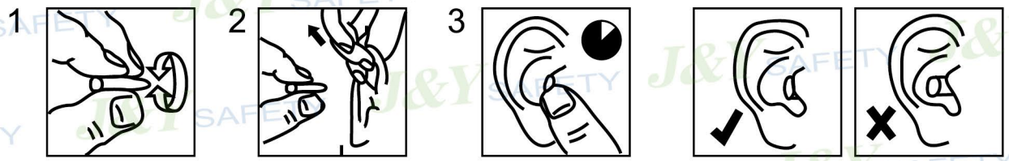


Hearing Protection by J&Y

We produce premium quality earplugs with raw materials original from Germany.
It's sent to the international lab for testing, all passed by one time. It's also passed the main 8 heavy metal test and chemical test.

To test and use the disposable foam earplug in a professional way

1. ROLL: with clean hands roll the earplug between your thumb and forefinger into a thin crease free cylinder. Keep rolling the plug tighter until it is as thin as you can make it.
2. INSERT: Keep the earplug compressed tightly and use your free hand to reach over your head to lift your ear upward to open the ear canal. Quickly insert the compressed plug deeply in your ear canal.
3. HOLD: Keep your finger at the end of the earplug for 35 seconds until the plug fully expands to fit the whole ear canal.
4. FIT CHECK ask some to confirm the correct fit and check if the plug is fully inserted in the ear canal. Only the tip should be visible and be able to felt. If the plug is not deeply inserted, re-fit per steps.



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.

EC-1001A
EC-1001A-C

EC-1001AS
EC-1001AS-C

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 cannals making the plugs easier to use
Dispenser available (ED250, ED500)
Nylon cord or PVC cord helps prevent earplugs loss

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

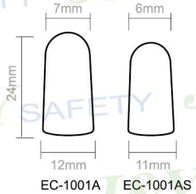
CE EN 352-2
SNR 34dB

Frequency [Hz]	63	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	28.6	32.6	35.6	38.8	38.0	36.6	47.0	44.8
Standard deviation Sf [dB]	8.0	7.5	8.6	8.2	5.4	6.4	3.7	4.5
APV Mf-Sf [dB]	20.6	25.1	27.0	30.6	32.6	30.2	43.3	40.3
[dB]	–	5	8	10	12	12	12	12

SNR-value	H-value	M-value	L-value
34dB	33dB	32dB	29dB

ANSI S3. 19-1974
Noise Reduction Rate **NRR 26dB**
AS/NZS 1270:2002
SLC(80) = 25.9dB CLASS 5

CE EN352-2
SNR 34dB



EC-1003A
EC-1003A-C

EC-1003A-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 cannals making the plugs easier to use
Dispenser available (ED250, ED500)
Nylon cord or PVC cord helps prevent earplugs loss

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

CE EN 352-2
SNR 36 dB

Frequency [Hz]	63	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	27.2	30.2	37.0	42.3	41.7	37.2	47.8	46.1
Standard deviation Sf [dB]	6.1	6.7	4.9	7.1	7.1	5.8	6.3	5.9
APV Mf-Sf [dB]	21.1	23.5	32.1	35.2	34.6	31.4	41.5	40.2
[dB]		5	8	10	12	12	12	12

SNR-value	H-value	M-value	L-value
36dB	34dB	34dB	31dB

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 (ED250, ED500)
Nylon cord or PVC cord helps prevent earplugs loss

Compatible with

Designed to be compatible with earmuff or other PPE

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

CE EN 352-2
SNR 35dB

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-value	H-value	M-value	L-value
35dB	35dB	33dB	30dB

EC-1005AS
EC-1005AS-C

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

CE EN352-2
SNR 34dB

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
Design to fit majority ear canal with premium comfort and protection.

Convenient

Bell design fits most ear canals making the plugs easier to use
Dispenser available (ED250, ED500)
Nylon cord or PVC cord helps prevent earplugs loss

Compatible with

Designed to be compatible with earmuff or other PPE

ANSI S3. 19-1974
Noise Reduction Rate **NRR 31dB**
AS/NZS 1270:2002
SLC(80) = 17.8dB CLASS 3

CE EN 352-2
SNR 35dB

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-value	H-value	M-value	L-value
35dB	34dB	33dB	30dB

Bullet Shape PU Earplug

EC-1001A(RO)

EC-1001A(BWG)

EC-1001A(OY)

EC-1001A(YW)

EC-1001A(WO)

EC-1001A(GW)

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

CE EN 352-2
SNR 34dB

Q BOX

R BOX

Bell Shape PU Earplug

EC-1006A(BW)

ANSI S3. 19-1974
Noise Reduction Rate **NRR 31dB**
AS/NZS 1270:2002
SLC(80) = 17.8dB CLASS 3

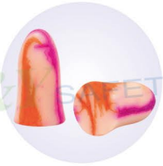
CE EN 352-2
SNR 35dB

EC-1006A(YWO)

EC-1006A(BWG)

EC-1006A(GW)

EC-1001A(OPW)



J&Y Earplug Dispenser

ED-250 | ED-250

sold in packages of 250 pairs | with the base

ED-250

Sold in package of 250 pairs
Station eliminates the need for individual paper/polybag packaging
Polyurethane tapered design fo comfortable positive fit
Highly coloured Earplug makes it easy to compliance check provides high levels of attenuation
Appproved to EN352-2
PVC Free
SNR=34dB

Packing :1 set/inner box 4 sets/carton 1532sets per 20ft container

ED-500 | ED-500

sold in packages of 500 pairs | with the base

ED-500

Sold in package of 500 pairs
With the dispenser,you afford to put earplugs in all the places they're needed.Earplug dispenser increase compliance,because their high visibility dispenser increases awareness With the dispenser,earplugs drop right into the palm of your hand so you don't have to worry about earplugs falling on the floor,or trays collecting dust and contaminants, becarse the chute is positioned right in front of the turn handle.
Approved to EN352-2
PVC Free
SNR=34dB

User Instruction for Dispenser Cap

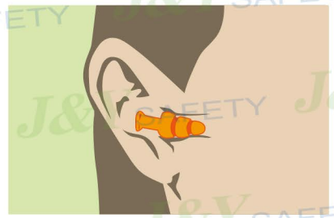
1. Turn right to open.
2. Turn left to close.
3. Put the dispenser cap on the dispenser in such a way, that when you turn the cap in the left direction, the two alignment lines on the cap will align perfectly with the dispenser.
Please see the instruction pictures for reference.

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.

Australian Standard AS/NZS 1270:2002 Lic.40540

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

EC-2001
EC-2001-C

Comfortable

Pure silicone material for low pressure inside the ear
Reusable use for long time in good shape
Humidity and sweat resistant, helps prevent 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

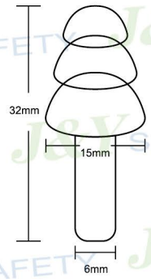
Christmas tree design fits most ear canals making the plugs easier to use Nylon cord or PVC cord helps prevent hearing loss

Compatible with

Designed to be compatible with earmuff or other PPE

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

CE EN 352-2
SNR 32dB



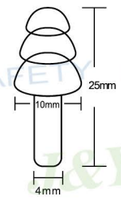
Frequency [Hz]	63	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	–	34.5	30.4	36.0	31.9	36.1	41.2	43.0
Standard deviation Sf [dB]	–	5.8	4.4	4.7	4.6	4.8	5.6	4.1
APV Mf-Sf [dB]	–	28.8	26.0	31.3	27.3	31.2	35.6	38.9

SNR-value	H-value	M-value	L-value
32dB	32dB	29dB	28dB

For Kids
EC-2001S
EC-2001S-C

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

CE EN352-2
SNR 28dB



Frequency [Hz]	63	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-value	H-value	M-value	L-value
28dB	27dB	27dB	26dB

EC-2014
EC-2014-C

Comfortable

Pure silicone material for low pressure inside the ear
Reusable use for long time in good shape
Humidity and sweat resistant, helps prevent 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 prevent hearing loss

Compatible with

Designed to be compatible with earmuff or other PPE

ANSI S3. 19-1974
Noise Reduction Rate **NRR 26dB**
AS/NZS 1270:2002
SLC(80) = 20dB CLASS 3

CE EN 352-2
SNR 31dB

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	5.5
APV Mf-Sf [dB]	25.4	22.2	26.5	26.4	33.6	35.5	38.3

SNR-value	H-value	M-value	L-value
31dB	33dB	28dB	25dB

Aqua Earplugs
Model: EC-2011P / EC-2011P-C

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
- Perfect comfort and gentle on the skin
- 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.

CE EN 352-2
SNR 33dB

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

Frequency [Hz]	63	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-value	H-value	M-value	L-value
33dB	33dB	31dB	30dB

Travel Earplugs
Model: EC-2010L CE

Diameter
A = 9.62 mm
B =10.43 mm

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.

CE EN 352-2
SNR 24dB EC-2010L

CE EN 352-2
SNR 24dB EC-2010S

Travel Earplugs
Model: EC-2010S CE

Diameter
A = 8.5mm
B = 9.26 mm

EC-2010L

Frequency [Hz]	63	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	–	24.4	22.4	23.4	23.8	28.3	37.7	41.4
Standard deviation Sf [dB]	–	5.2	6.6	6.1	4.5	2.8	5.2	5.7
APV Mf-Sf [dB]	–	19.2	15.8	17.3	19.3	25.5	32.5	35.7

SNR-value	H-value	M-value	L-value
24dB	26dB	20dB	18dB

EC-2003
EC-2003-C CE

Comfortable

Pure silicone material for low pressure inside the ear
Reusable use for long time in good shape
Humidity and sweat resistant, helps prevent 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 prevent hearing loss

Compatible with

Designed to be compatible with earmuff or other PPE

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

CE EN352-2
SNR 26dB

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-value	H-value	M-value	L-value
26dB	25dB	23dB	22dB

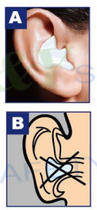
Mouldable Silicone Earplug
Model: EC-2016 CE ANSI

Adult

Kids

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 small 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.



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

CE EN352-2
SNR 28dB

Frequency [Hz]	63	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-value	H-value	M-value	L-value
28dB	32dB	24dB	21dB

Model: EC-2018 / EC-2018-C CE ANSI

Model: EC-2018-C-D (Metal Detectable)

Features and Benefits:
- Replicates the natural response of the ear, so sound quality is the same as the original, only quieter.
- Music and speech are clear, not muffled.
- Reduces risk of hearing damage from loud noise such as concerts, theatres, airshows, parades, athletic and motorsports events.
- Enhances the music experience; Allows musicians to hear their own instrument and their blend with others.
- Not recommended for use with impulse noise, e.g., shooting sports. Not recommended for sleeping.
- Note: The Baby Blues are for smaller ear canals
- All sound is reduced evenly by 20 dB
- Standard size fits most ear canals
- With heavy use the eartips can weaken and could break. Replace every 3-6 months

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

CE EN352-2
SNR 33dB

Frequency [Hz]	63	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-value	H-value	M-value	L-value
33dB	34dB	30dB	27dB

Christmas tree silicone earplugs
Model: EC-2002 / EC-2002-C

Four layer silicone earplugs
Model: EC-2005 / EC-2005-C

Christmas tree silicone earplugs
Model: EC-2006 / EC-2006-C

Two layer silicone earplugs
Model: EC-2007 / Banded EC-2007-C

Christmas tree silicone earplugs
Model: EC-2008 / EC-2008-C

Four layer silicone earplugs
Model: EC-2012 / EC-2012-C

Banded round shape earplugs
Model: EC-4102 / EC-4102S

Round Shape Earplug
EC-4102S

Banded hearing protectors are easy to use, extremely comfortable. They are fast insert and remove in quick and can be worn on around the neck when not for use, making them ideal for intermittent 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 .

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

CE EN352-2
SNR 29dB

Frequency [Hz]	63	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	30.3	25.2	25.9	26.9	35.1	42.5	47.8	44.8
Standard deviation Sf [dB]	4.1	3.6	3.9	2.3	3.5	3.6	6.3	4.2
APV Mf-Sf [dB]	26.2	21.6	22.0	24.6	31.6	38.9	41.5	40.6

SNR-value	H-value	M-value	L-value
29 dB	31dB	25dB	23dB

Banded taper shape earplugs
Model: EC-4103 / EC-4103S

Taper Shape Earplug
EC-4103S

Banded hearing protectors are easy to use, extremely comfortable. They are fast insert and remove in quick and can be worn on around the neck when not for use, making them ideal for intermittent 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 .

CE EN352-2
SNR 27dB

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-value	H-value	M-value	L-value
27dB	29dB	23dB	22dB

Banded bell shape earplugs
Model: EC-4105 / EC-4105S

Taper Shape Earplug
EC-4105S

Banded hearing protectors are easy to use, extremely comfortable. They are fast insert and remove in quick and can be worn on around the neck when not for use, making them ideal for intermittent 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
Model: EC-4101 / EC-4101S

EC-4101S

Banded hearing protectors are easy to use, extremely comfortable. They are fast insert and remove in quick and can be worn on around the neck when not for use, making them ideal for intermittent 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 .

CE EN352-2
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-value	H-value	M-value	L-value
30dB	31dB	26dB	25dB

Banded bell shape earplugs
Model: EC-4106

EC-4103S

Banded hearing protectors are easy to use, extremely comfortable. They are fast insert and remove in quick and can be worn on around the neck when not for use, making them ideal for intermittent 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

NEW Model: EC-4110

NEW Model: EC-4111

NEW Model: EC-3001

NEW Model: EC-3002

NEW Model: EC-3003

NEW Model: EC-3005

NEW Model: EC-3006

NEW Model: EC-3007

NEW Model: EC-3008

NEW Model: EC-3009

A. B. C.

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.

NEW Model: EC-2061 / EC-2061-C

NEW Model: EC-2062 / EC-2062-C

NEW Model: EC-2063 / EC-2063-C

Model: EC-2065 / EC-2065-C NEW

NEW Model: EC-2020 / EC-2020-C SILICONE

Packing Series

Optional packages by plastic or color paper boxes in different shape for custom-made selling unit.
Plastic box: Quality plastic raw materials injection with Taiwan made High standard molding tools.

Industrial use ,
For Cutting,Repair the Road,Shooting,
For Study,
For Kids and Baby.

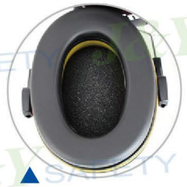
Various colours are welcomed
Normal Color

Blue Red Green Yellow

EM-5002B

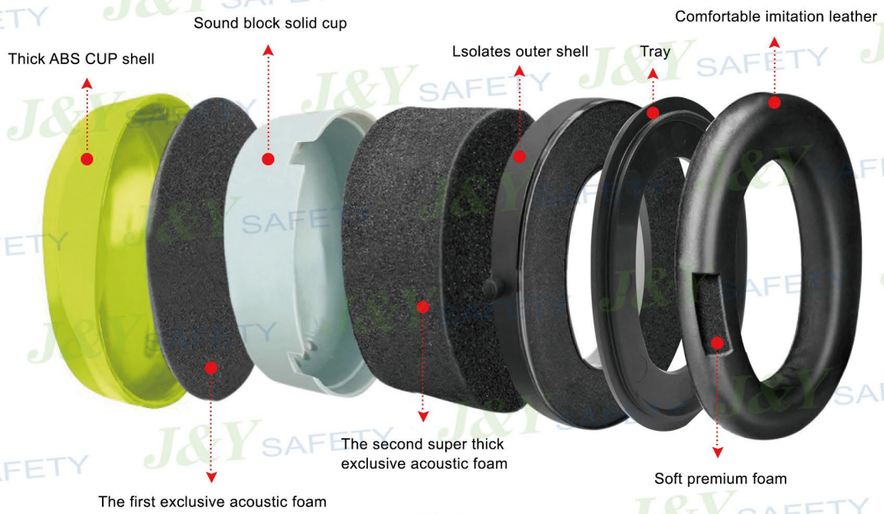
Padded Headband
Features more padded headband providing nonstop comfort to use

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

High Performance Technology



EM-5002B

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.

EM-5002B

EN 352-1:2002
H=37dB M=29dB L=22dB

SNR=32dB

Test frequentcies (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation(dB)	22.6	21.2	29.4	39.9	37.9	43.6	41.8
Standard Deviation(dB)	2.9	2.8	2.7	2.7	2.7	3.1	3.3
Mean-minus-Std. dev.dB/APV	19.6	18.4	26.7	37.1	35.2	40.5	38.5

ANSI S3.19-1974
Attenuation data

NRR:26dB

AS/NZS certified products

AS/NZS

SLC(80): 32.5dB

Class 5

PACKING INFO

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

EM-5002

SNR:33dB

EM-5002A

SNR:31dB NRR:27dB CLASS 5 32dB

EM-5002C

SNR:31dB CLASS 5 30.2dB

EM-5002D

25mm/30mm adaptor plug option

NRR: 22 dB Class 5: 28.4 dB

FM-2E

25mm/30mm adaptor plug option

NRR:24 dB Class 5: 26.6 dB

EM-5001B

CE ANSI AS/NZS certified products

Australian Standard AS/NZS 1270:2002 Lic.40540

Folding Headband

Features and Benefits:

+ Folding 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.
+ 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.

EM-5001B

EN 352-1:2002

CE SNR=28dB

H=34dB M=26dB L=17dB

Test frequentcies (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation(dB)	15.4	17.9	27.8	36.3	35.4	42.4	39.5
Standard Deviation(dB)	4.1	3.5	2.7	3.7	3.6	2.6	5.4
Mean-minus-Std. dev.dB/APV	11.3	14.4	25.1	32.6	31.8	39.8	34.1

ANSI S3.19-1974
Attenuation data

NRR:23dB

AS/NZS certified products

AS/NZS

SLC(80): 29.5dB

Class 5

PACKING INFO

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

EM-5001B

CE ANSI AS/NZS certified products

SNR:28 dB NRR:23 dB CLASS 5 29.5 dB

EM-5001

EM-5001A

EM-5001C

EM-5001D

25mm/30mm adaptor plug option

EM-5001E

25mm/30mm adaptor plug option

FM-1

CE ANSI AS/NZS certified products

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.

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

CE EN 352-1
SNR 31dB

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	35.8	35.3	35.5	37.2	34.6

SNR-value	H-value	M-value	L-value
31dB	36dB	28dB	20dB

FM-2

CE ANSI AS/NZS certified products

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.

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

CE EN 352-1
SNR 33dB

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-value	H-value	M-value	L-value
33dB	34dB	31dB	23dB

FM-3

CE ANSI AS/NZS certified products

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.

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

CE EN 352-1
SNR 34dB

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-value	H-value	M-value	L-value
34dB	35dB	31dB	25dB

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 of fer 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.

EM-5003

EN 352-1:2002 **SNR=29dB**

H=36dB M=26dB L=18dB

Test frequentcies (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

ANSI S3.19-1974
Attenuation data

NRR:23dB

AS/NZS certified products

AS/NZS

SLC(80):29.2dB

Class 5

PACKING INFO

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

EM-5003D

NEW

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.
+ Generouos 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.

CE EN 352-3
SNR 26dB

EN 352-3:2002

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-value	H-value	M-value	L-value
26dB	30dB	24dB	17dB

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.
+ Its low attenuation provides ideal protection for workers exposed to low levels of hazardous noise.

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

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

CE EN 352-1
SNR 29dB

Frequency [Hz]	63	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-value	H-value	M-value	L-value
29dB	34dB	26dB	19dB

EM-5006

ANSI AS/NZS certified products

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.

ANSI S3.19-1974 Attenuation data	AS/NZS certified products
NRR:27dB	SLC(80): 32.3dB
	Class 5

PACKING INFO

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

EM-5006 Plus NRR:28dB

EM-5006A

EM-5006B

EM-5006C

EM-5006D 25mm/30mm adaptor plug option

EM-5006E 25mm/30mm adaptor plug option

FM-1A Headbanded Ear Muffs

CE

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.

CE EN352-1
SNR 31dB

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

SNR-value	H-value	M-value	L-value
31dB	33dB	29dB	21dB

FM-1C Neckbanded Ear Muffs

CE

Features and Benefits:

+ 304 stainless headband: 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.

CE EN352-1
SNR 30dB

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

SNR-value	H-value	M-value	L-value
30dB	32dB	28dB	21dB

FM-1D Cap Mounted Ear Muffs

CE

Features and Benefits:

+ 304 stainless headband: corrosion resistance, heat resistance, good oxidation resistance, excellent weld ability and velcro strip for easy fixing.
+ Stainless steel arms with 4-point suspension, suspension system helps distribute cushion pressure evenly.
+ Light weight, comfortable & effective ear muff range.
+ Reinforced hardware for mounting on most hard hats.

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

CE EN352-3
SNR 28dB

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

SNR-value	H-value	M-value	L-value
28dB	30dB	26dB	20dB

EM-5007B

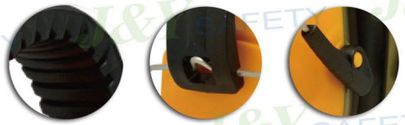
AS/NZS certified products

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.



ANSI S3.19-1974 Attenuation data
NRR:26dB

AS/NZS certified products
AS/NZS
SLC(80): 33.3dB
Class 5

PACKING INFO

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

EM-5007 AS/NZS certified products
SNR:34 dB NRR:27dB CLASS 5 32.8 dB

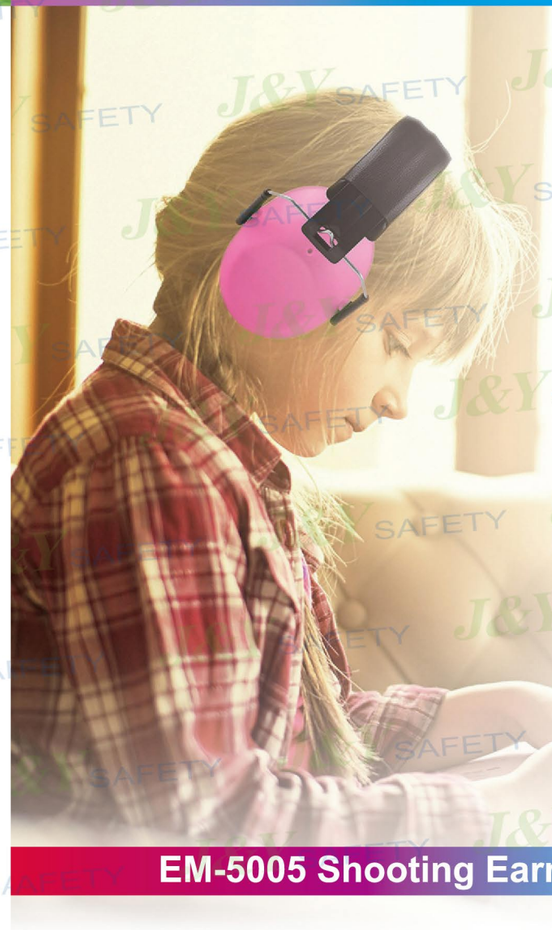
EM-5007A

EM-5007B AS/NZS certified products
NRR:26dB CLASS 5 33.3 dB

EM-5007C

EM-5007D 25mm/30mm adaptor plug option

EM-5007E
25mm/30mm adaptor plug option
SNR:30 dB NRR:25 dB CLASS 5 25.8 dB



EM-5005

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.
+ Generous space inside cup to help the ears breathe thus improving comfort.
+ Professional earmuffs for durability and reliability.
+ Available in high visibility colors.
+ Customized water transfer printing pattern on muff cups are optional.

EM-5005 Shooting Earmuff

Customized Patter Print

ANSI S3.19-1974 Attenuation data
NRR:20dB

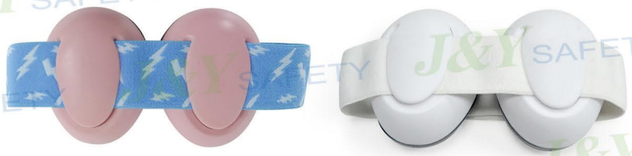
AS/NZS certified products
AS/NZS
SLC(80): 25.8dB
Class 5

PACKING INFO

PACKING	COLOR BOX
QTY/CTN	40PCS
CTN SIZE	55X26X49CM
CBM/CTN	0.07CBM
20FT	16000PCS

EN 352-1:2002 CE SNR=26 dB
H=31dB M=23dB L=16dB

Test frequentcies (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	26.0	30.4	39.3	38.7



BM-1 (3months ~ 3 years)

ANSI AS/NZS certified products

Features and Benefits:

+ The age range for our baby earmuffs are from newborn to month 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.

ANSI S3.19-1974 **NRR:22dB**

Test frequentcies (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation(dB)	22.3	17.9	24.7	36.1	37.6	46.8	46.5
Standard Deviation(dB)	2.8	2.9	3.4	3.6	2.7	2.8	2.6

AS/NZS certified products

AS/NZS

SLC(80):26.8dB Class 5

NEW

BM- 3 (3months ~ 3 years)

Features and Benefits:

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

KM-3

CE ANSI AS/NZS certified products

Headband

Features and Benefits:

+ Plastic headband 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.

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

CE EN 352-1
SNR 26dB

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-value	H-value	M-value	L-value
26dB	33dB	22dB	15dB

KM-2

CE ANSI 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 352-1:2002
H=33dB M=24dB L=16dB
CE **SNR=27dB**

Test frequentcies (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation(dB)	14.6	15.5	22.9	30.7	34.4	41.5	41.0
Standard Deviation(dB)	3.2	2.1	1.8	2.3	2.8	3.0	2.7
Mean-minus-Std. dev.dB/APV	11.4	13.3	21.1	28.4	31.5	38.5	38.3

ANSI S3.19-1974
Attenuation data
NRR:21dB

AS/NZS certified products

AS/NZS
SLC(80): 25.8dB
Class 5

PACKING INFO

UNIT PACK	COLOR BOX
QTY/CTN	40PCS
CTN SIZE	55X26X49CM
CBM/CTN	0.07CBM
20FT	15520 PCS

NEW

EM-9003

Features and Benefits:

+ Adjustable headband for secure fit; compact folding design for convenient storage; classic green color.
+ Includes AUX input and 3.5 mm connection cord for MP3 players or other audio devices. Integrated power volume knob.
+ Actively listens and automatically shuts off amplification when ambient sound reaches 100 dB.
+ Built-in directional microphones amplify range commands and other ambient sounds to a safe 100 dB, providing more natural listening and enhanced communication
+ Includes 2 AAA batteries; automatic shut-off feature after 4 hours increases battery life; approximately 350 hours of battery life; works well and long with Polaroid AAA Batteries.

Sound Amplification Electronic Earmuff

▲ Compact Storage

▲ Easy Maintenance

▲ Low Energy Earmuff

▲ Headphone Functionality

EM-9001M

EN 352-1:2002
H=31dB M=26dB L=20dB

CE SNR=29 dB

ANSI

AS/NZS certified products

Test frequentcies (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation(dB)	17.9	20.0	24.9	33.1	31.5	39.0	40.9
Standard Deviation(dB)	2.7	2.4	2.8	3.4	3.0	3.5	3.1
Mean-minus-Std. dev.dB/APV	15.2	17.6	22.1	29.8	28.5	35.5	37.8

ANSI S3.19-1974 Attenuation data

NRR:24dB

AS/NZS

SLC(80): 27.1dB

Class 5

▲ Front

▲ Left

▲ Right

▲ Bottom

EM-9001M

Electronic Earmuffs with Multifunction

+ BLUETOOTH: The built-in digital Bluetooth and microphone allow to take hands-free calls,stream music or your favorite podcast straight to your headphones.
+ When the external noise exceeds 82dB, the intelligent shooting ear protection will auto matically shut off the microphone, providing optimal noise reduction across all frequen cies on power on mode
+ Amplifies low-level sounds, reduce background noise.Electronic Ear Protection Earmuffs provide enhanced communication for hunting, shooting range, etc. The Built-in opposite direction microphones reduce environmental voices when the sound is over 82dB to protect hearing.
+ Includes AUX input allows connection to external MP3 or other audio devices.

CE ANSI AS/NZS certified products

PRODUCT DETAILS

EM-9001B

Electronic Earmuffs with Bluetooth

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

+ Includes AUX input allows connection to external MP3 or other audio devices

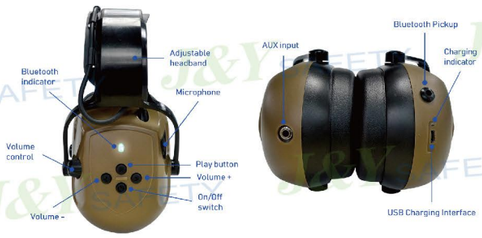
EM-9001C

Electronic Earmuffs with Compression

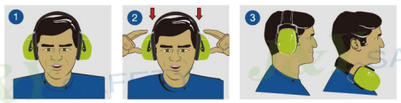
+ When the external noise exceeds 82dB, the intelligent shooting ear protection will automatically shut off the microphone, providing optimal noise reduction across all frequencies on power on mode

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

+ Includes AUX input allows connection to external MP3 or other audio devices.



Instruction for Use



Place the earcups over each ear.

Adjust the headband by sliding the headband up and down.

Multiple-Position earmuffs can be worn either over-the-head, behind-the-head or under-the-chin.

EM-9001C

EN 352-1:2002

H=32dB M=25dB L=19dB CE **SNR=28 dB**

Test frequentcies (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation(dB)	16.3	19.0	24.5	33.1	32.3	36.8	39.9
Standard Deviation(dB)	2.7	2.9	3.0	2.5	2.6	2.7	3.0
Mean-minus-Std. dev.dB/APV	13.6	16.1	21.5	30.5	29.7	34.2	36.9

AS/NZS certified products

AS/NZS

SLC(80): 26.3dB

Class 5

ANSI S3.19-1974 Attenuation data

NRR:22dB

Models

- **9002D:** AUX Input
- **9002B:** Bluetooth Connection
- **9002C:** Sound Amplification
- **9002R:** Radio Reception

Headphone Functionality

EM-9002D ▸

EM-9002B ▾ NEW

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 ▾ NEW

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 opposite direction microphones reduce environmental voices when the sound is over 82dB to protect hearing.

Headphone Functionality

EM-9002R ▾ NEW

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

J&Y Drummer Earmuffs

Models

- **9002DX:** AUX Input
- **9002BX:** Bluetooth Connection
- **9002CX:** Sound Amplification
- **9002RX:** Radio Reception

Headphone Functionality
EM-9002DX ▸

EM-9002BX ▾ NEW

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-9002CX ▾ NEW

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 opposite direction microphones reduce environmental voices when the sound is over 82dB to protect hearing.

Headphone Functionality

EM-9002RX ▾ NEW

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

证书号第7028419号

实用新型专利证书

实用新型名称：一种便携式可收合耳挂式耳塞

发　明　人：林太钦

专　利　号：ZL 2017 2 0015939.4

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

授权公告日：2018年02月27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，颁发本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。

本专利的专利权期限为十年，自申请日起算。专利权人应当依照专利法及其实施细则规定缴纳年费。本专利的年费应当在每年01月06日前缴纳。未按照规定缴纳年费的，专利权自应当缴纳年费期满之日起终止。

专利证书记载专利权登记时的法律状况。专利权的转移、质押、无效、终止、恢复和专利权人的姓名或名称、国籍、地址变更等事项记载在专利登记簿上。

局长
申长雨

2018年02月27日

第1页(共1页)

证书号第7028130号

实用新型专利证书

实用新型名称：一种防耳鸣耳塞

发　明　人：林太钦

专　利　号：ZL 2017 2 0015941.1

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

授权公告日：2018年02月27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，颁发本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。

本专利的专利权期限为十年，自申请日起算。专利权人应当依照专利法及其实施细则规定缴纳年费。本专利的年费应当在每年01月06日前缴纳。未按照规定缴纳年费的，专利权自应当缴纳年费期满之日起终止。

专利证书记载专利权登记时的法律状况。专利权的转移、质押、无效、终止、恢复和专利权人的姓名或名称、国籍、地址变更等事项记载在专利登记簿上。

局长
申长雨

2018年02月27日

第1页(共1页)

证书号第6696825号

实用新型专利证书

实用新型名称：一种头戴式耳罩

发　明　人：林太钦

专　利　号：ZL 2017 2 0015575.X

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

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，颁发本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。

本专利的专利权期限为十年，自申请日起算。专利权人应当依照专利法及其实施细则规定缴纳年费。本专利的年费应当在每年01月06日前缴纳。未按照规定缴纳年费的，专利权自应当缴纳年费期满之日起终止。

专利证书记载专利权登记时的法律状况。专利权的转移、质押、无效、终止、恢复和专利权人的姓名或名称、国籍、地址变更等事项记载在专利登记簿上。

局长
申长雨

2017年12月08日

第1页(共1页)

证书号第6696907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

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，颁发本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。

本专利的专利权期限为十年，自申请日起算。专利权人应当依照专利法及其实施细则规定缴纳年费。本专利的年费应当在每年01月06日前缴纳。未按照规定缴纳年费的，专利权自应当缴纳年费期满之日起终止。

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局长
申长雨

2017年12月08日

第1页(共1页)

QUALITY MANAGEMENT SYSTEM CERTIFICATE

Registration No. : 0350318030328R1S

This is to certify that the quality management system of

GuangZhou J&Y Safety Products Manufacturer Co., Ltd.

No.5 YongLe Road, HuaShan Town, Huadu District, Guangzhou, 510880

Social Credit Code: 91440114677784521R

is in conformity with

GB/T 19001-2016 / ISO 9001:2015 Standard

This certificate is valid to the following product(s)

Earmuff, Earplug, Safety glasses (except production certificate)

Household products: Memory foam pillow, mattress, The production and service of safety & household products (Site Covered: No.5 YongLe Road, HuaShan Town, Huadu District, Guangzhou).

Date of issue: June 16, 2018

Date of expiry at most: June 15, 2021

Representative: WangHonglin

XINGYUAN CERTIFICATION CENTRE CO., LTD. (XCCC)

17FL, Tower C, Global Trade Plaza, No.9 Shangdi 3 St., Haidian, Beijing

MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT IAF

CNAS 中国认可 国际互认 管理体系 MANAGEMENT SYSTEM CNAS C035-M

NOTE: This certificate shall be maintained by regular surveillance audit. The validity of the certificate can be verified by scanning QR code. The information of the certificate can be available in http://www.cnca.gov.cn, the website of CNCA, and in our website http://www.xccc.com.cn.

ISO 9001

Producer : GUANGZHOU J&Y SAFETY PRODUCTS MANUFACTURER CO., LTD.

amfori BSCI Trade with purpose

Auditee :	GUANGZHOU J&Y SAFETY PRODUCTS MANUFACTURER CO., LTD.
Audit Date From :	12/10/2018
Audit Date To :	12/10/2018
Expiry Date of the Audit :	Please refer to the producer profile in the amfori BSCI platform
Auditing Company :	TUEV Rheinland
Auditor's Name(s) :	Vincent Xie(Lead)
Auditing Branch (if applicable) :	TUV Rheinland China

amfori BSCI

Trade with purpose

This is an extract of the on line Audit Report.The complete report is available in the amfori BSCI Platform. Access www.bsciplatform.org, for entitled users only.

amfori BSCI www.bsciplatform.org Page 1/21

BSCI

SATRA TECHNOLOGY

Issued to: Guangzhou J&Y Safety Products Manufacturer Co., Ltd No. 5 Yongle Road, Huashan Town Huadu District Guangzhou China

Notified Body: 2777 SATRA customer number: P19048

EU Type-Examination Certificate

Certificate number: 2777/13062-01/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:
Following the EU Type-Examination this product group has been shown to satisfy the applicable essential health and safety requirements of Annex II of the PPE Regulation (EU) 2016/425 as a Category III product.

Product reference:	Description:
EC-2011P	Silicone flanged earplugs
EC-2011P-C	Silicone flanged earplugs with connecting cord
	Nominal diameter 8-13mm

Classification:

Frequency (H_z)	125	250	500	1000	2000	4000	8000
Mean attenuation	34.5	31.9	35.0	35.3	36.3	33.8	40.3
Standard deviation	4.8	3.5	4.9	4.0	3.3	2.3	4.0
Assumed protection	29.9	28.3	30.1	31.4	33.0	31.5	36.4

SNR = 33 dB H = 33 dB M = 31 dB L = 30 dB

Standards/Technical specifications applied:
EN 352-2: 2002

Technical reports/Approval documents:
Michael & Associates, Inc.: QS360A

Signed on behalf of SATRA: Geoff Graham Jacque Glasspool

Date first issued: 24/07/2019
Date of issue: 24/07/2019

Expiry date: 24/07/2024

Page 1 of 2

SATRA Technology Europe Limited, Bracetown Business Park, Clonee, D15YN2P, Republic of Ireland

EC-2011P / EC-2011P-C CE Certificate

SATRA TECHNOLOGY

Issued to: Guangzhou J&Y Safety Products Manufacturer Co., Ltd No. 5 Yongle Road, Huashan Town Huadu District Guangzhou China

Notified Body: 2777 SATRA customer number: P19048

EU Type-Examination Certificate

Certificate number: 2777/13058-01/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:
Following the EU Type-Examination this product group has been shown to satisfy the applicable essential health and safety requirements of Annex II of the PPE Regulation (EU) 2016/425 as a Category III product.

Product reference:	Description:
EC-1001AS	PU foam earplugs
EC-1001AS-C	Pu foam earplugs with connecting cord
	Nominal diameter 6-11mm

Classification:

Frequency (H_z)	125	250	500	1000	2000	4000	8000
Mean attenuation	26.4	28.8	34.9	37.1	37.7	41.0	45.2
Standard deviation	4.0	4.8	5.6	4.9	2.8	4.4	5.5
Assumed protection	22.5	24.0	29.3	32.2	34.9	36.6	39.7

SNR = 34 dB H = 36 dB M = 31 dB L = 27 dB

Standards/Technical specifications applied:
EN 352-2: 2002

Technical reports/Approval documents:
Michael & Associates, Inc.: QS533A

Signed on behalf of SATRA: Geoff Graham Jacque Glasspool

Date first issued: 24/07/2019
Date of issue: 24/07/2019

Expiry date: 24/07/2024

Page 1 of 2

SATRA Technology Europe Limited, Bracetown Business Park, Clonee, D15YN2P, Republic of Ireland

EC-1001AS / EC-1001AS-C CE Certificate

STANDARDSMARK LICENCE

SAI Global hereby grants:

Guangzhou J&Y Safety Products Manufacturer Co., Ltd.

No 5 Yongle Road, Hua Shan 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

Issued: 13 August 2018
Expires: 22 January 2022

Originally Certified: 23 January 2017
Current Certification: 6 August 2018

Kevin Goodwin
General Manager Technical Services
SAI Global Assurance

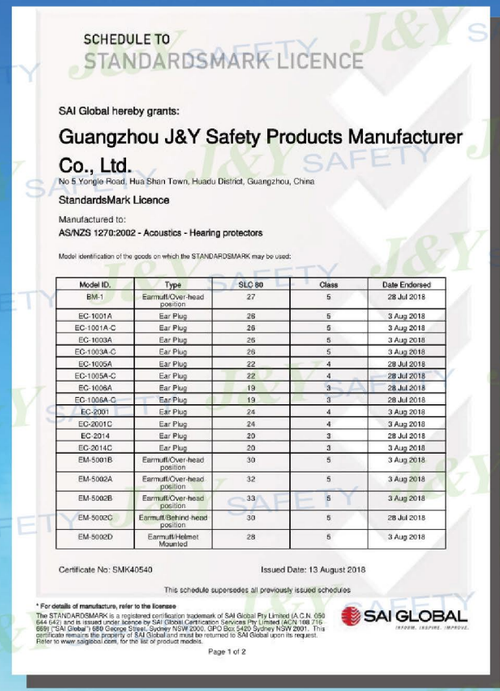
Certified Product Australian Standard JAS-ANZ

* For details of manufacture, refer to the licensee

The STANDARDSMARK is a registered certification trademark of SAI Global Pty Limited (A.C.N. 050 644 642) and is issued under licence by SAI Global Certification Services Pty Limited (ACN 108 716 669) ("SAI Global") 680 George Street, Sydney NSW 2000. GPO Box 5420 Sydney NSW 2001. This certificate remains the property of SAI Global and must be returned to SAI Global upon its request. Refer to www.saiglobal.com, for the list of product models.

SAI GLOBAL

STANDARDSMARK LICENCE



SCHEDULE TO

STANDARDSMARK LICENCE

SAI Global hereby grants:

Guangzhou J&Y Safety Products Manufacturer Co., Ltd.

No 5 Yongle Road, Hua Shan Town, Huadu District, Guangzhou, China

StandardsMark Licence

Manufactured to:

AS/NZS 1270:2002 - Acoustics - Hearing protectors

Model identification of the goods on which the STANDARDSMARK may be used:

Model ID.	Type	SLC 80	Class	Date Endorsed
BM-1	Earmuff/Over-head position	27	5	28 Jul 2018
EC-1001A	Ear Plug	28	5	3 Aug 2018
EC-1001A-C	Ear Plug	28	5	3 Aug 2018
EC-1003A	Ear Plug	25	5	3 Aug 2018
EC-1003A-C	Ear Plug	26	5	3 Aug 2018
EC-1005A	Ear Plug	22	4	28 Jul 2018
EC-1005A-C	Ear Plug	22	4	28 Jul 2018
EC-1006A	Ear Plug	19	3	28 Jul 2018
EC-1006A-C	Ear Plug	19	3	28 Jul 2018
EC-2001	Ear Plug	24	4	3 Aug 2018
EC-2001C	Ear Plug	24	4	3 Aug 2018
EC-2014	Ear Plug	20	3	28 Jul 2018
EC-2014C	Ear Plug	20	3	3 Aug 2018
EM-5001B	Earmuff/Over-head position	30	5	3 Aug 2018
EM-5002A	Earmuff/Over-head position	32	5	3 Aug 2018
EM-5002B	Earmuff/Over-head position	33	5	3 Aug 2018
EM-5002C	Earmuff/Behind-head position	30	5	28 Jul 2018
EM-5002D	Earmuff/Helmet Mounted	28	5	3 Aug 2018

Certificate No: SMK40540 Issued Date: 13 August 2018

This schedule supersedes all previously issued schedules

* For details of manufacture, refer to the licensee

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SAI GLOBAL

Page 1 of 2

STANDARDSMARK LICENCE

SATRA TECHNOLOGY

Issued to: Guangzhou J&Y Safety Products Manufacturer Co., Ltd No. 5 Yongle Road, Huashan Town Huadu District Guangzhou China

Notified Body: 2777 SATRA customer number: P19048

EU Type-Examination Certificate

Certificate number: 2777/13075-01/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:
Following the EU Type-Examination this product group has been shown to satisfy the applicable essential health and safety requirements of Annex II of the PPE Regulation (EU) 2016/425 as a Category III product.

Product reference:	Description:
EM-5008	Ear defenders consisting of a headband with two PP plastic ear cups. Each cup houses PU foam and cushion.

Classification:

Frequency (H_z)	125	250	500	1000	2000	4000	8000
Mean attenuation	16.7	16.8	25.5	36.4	35.1	40.3	38.4
Standard deviation	2.3	1.8	2.7	3.0	2.9	2.8	3.2
Assumed protection	14.4	15.0	22.8	33.4	32.2	37.4	35.2

SNR = 29 dB H = 34 dB M = 26 dB L = 19 dB

Standards/Technical specifications applied:
EN 352-1:2002

Technical reports/Approval documents:
Michael & Associates, Inc.: QS354A

Signed on behalf of SATRA: Geoff Graham Jacque Glasspool

Date first issued: 25/07/2019
Date of issue: 25/07/2019

Expiry date: 25/07/2024

Page 1 of 2

SATRA Technology Europe Limited, Bracetown Business Park, Clonee, D15YN2P, Republic of Ireland

EM-5008 CE Certificate

SATRA TECHNOLOGY

Issued to: Guangzhou J&Y Safety Products Manufacturer Co., Ltd No. 5 Yongle Road, Huashan Town Huadu District Guangzhou China

Notified Body: 2777 SATRA customer number: P19048

EU Type-Examination Certificate

Certificate number: 2777/13076-01/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:
Following the EU Type-Examination this product group has been shown to satisfy the applicable essential health and safety requirements of Annex II of the PPE Regulation (EU) 2016/425 as a Category III product.

Product reference:	Description:
EM-9001M	Electronic ear defenders with Bluetooth consisting of a headband with two ABS plastic ear cups. Each cup houses PU foam and cushion.
EM-9001C	Electronic ear defenders without Bluetooth consisting of a headband with two ABS plastic ear cups. Each cup houses PU foam and cushion.

Classification:

EM-9001M

Frequency (H_z)	125	250	500	1000	2000	4000	8000
Mean attenuation	17.9	20.0	24.9	33.1	31.5	39.0	40.9
Standard deviation	2.7	2.4	2.8	3.4	3.0	3.5	3.1
Assumed protection	15.2	17.6	22.1	29.8	28.5	35.5	37.8

SNR = 29 dB H = 31 dB M = 26 dB L = 20 dB

EM-9001C

Frequency (H_z)	125	250	500	1000	2000	4000	8000
Mean attenuation	16.3	19.0	24.5	33.1	32.3	36.8	39.9
Standard deviation	2.7	2.8	3.0	2.5	2.6	2.7	3.0
Assumed protection	13.6	16.1	21.5	30.6	29.7	34.2	36.9

SNR = 28 dB H = 32 dB M = 25 dB L = 19 dB

Standards/Technical specifications applied:
EN 352-1:2002; EN 352-4:2001 + A1:2005; EN 352-6:2002; EN 352-8:2008

Technical reports/Approval documents:
Michael & Associates, Inc.: QS438A, QS436A

Signed on behalf of SATRA: Geoff Graham Jacque Glasspool

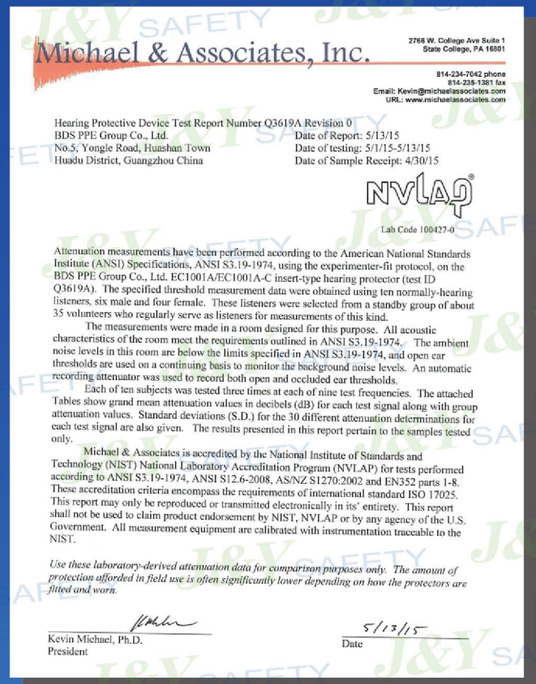
Date first issued: 25/07/2019
Date of issue: 25/07/2019

Expiry date: 25/07/2024

Page 1 of 2

SATRA Technology Europe Limited, Bracetown Business Park, Clonee, D15YN2P, Republic of Ireland

EM-9001M / EM-9001C CE Certificate



Michael & Associates, Inc.

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

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

Hearing Protective Device Test Report Number Q3619A Revision 0
BDS PPE Group Co., Ltd.
No.5, Yongle Road, Huashan Town
Huadu District, Guangzhou China

Date of Report: 5/13/15
Date of testing: 5/1/15-5/13/15
Date of Sample Receipt: 4/30/15

NVLAP®
Lab Code 100427-0

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 BDS PPE Group Co., Ltd. EC1001A/EC1001A-C insert-type hearing protector (test ID Q3619A). 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. 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 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.

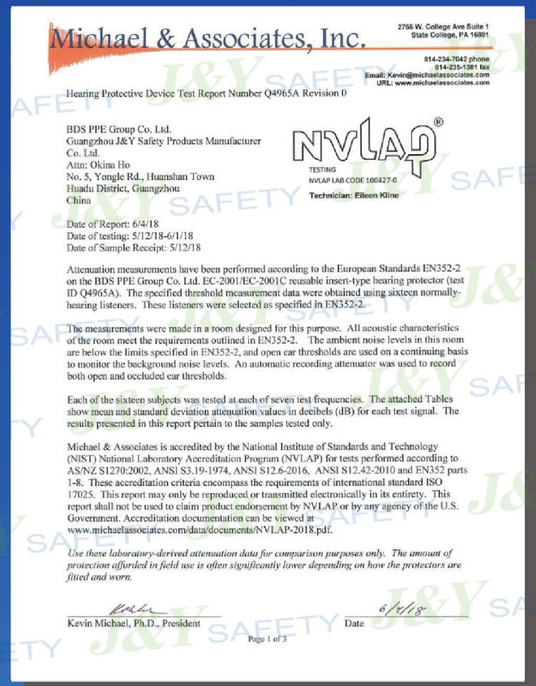
Michael & Associates is accredited by the National Institute of Standards and Technology (NIST) National Laboratory Accreditation Program (NVLAP) for tests performed according to ANSI S3.19-1974, ANSI S12.6-2008, AS/NZ S1270:2002 and EN352 parts 1-8. These accreditation criteria encompass the requirements 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 NIST, NVLAP or by any agency of the U.S. Government. All measurement equipment are calibrated with instrumentation traceable to the NIST.

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

5/13/15
Date

EC-1001A / EC-1001AC ANSI Test Report



Michael & Associates, Inc.

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

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

Hearing Protective Device Test Report Number Q4965A Revision 0

BDS PPE Group Co. Ltd.
Guangzhou J&Y Safety Products Manufacturer Co. Ltd.
Attn: Okina Ho
No. 5, Yongle Rd., Huanshan Town
Huadu District, Guangzhou
China

NVLAP®
TESTING
NVLAP LAB CODE 100427-0
Technician: Eileen Kline

Date of Report: 6/4/18
Date of testing: 5/12/18-6/1/18
Date of Sample Receipt: 5/12/18

Attenuation measurements have been performed according to the European Standards EN352-2 on the BDS PPE Group Co. Ltd. EC-2001/EC-2001C reusable insert-type hearing protector (test ID Q4965A). The specified threshold measurement data were obtained using sixteen normally-hearing listeners. These listeners were selected as specified in EN352-2.

The measurements were made in a room designed for this purpose. All acoustic characteristics of the room meet the requirements outlined in EN352-2. The ambient noise levels in this room are below the limits specified in EN352-2, 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/NZ S1270:2002, ANSI S3.19-1974, ANSI S12.6-2016, 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. Accreditation documentation can be viewed at www.michaelassociates.com/data/documents/NVLAP-2018.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.

Kevin Michael, Ph.D., President

6/4/18
Date

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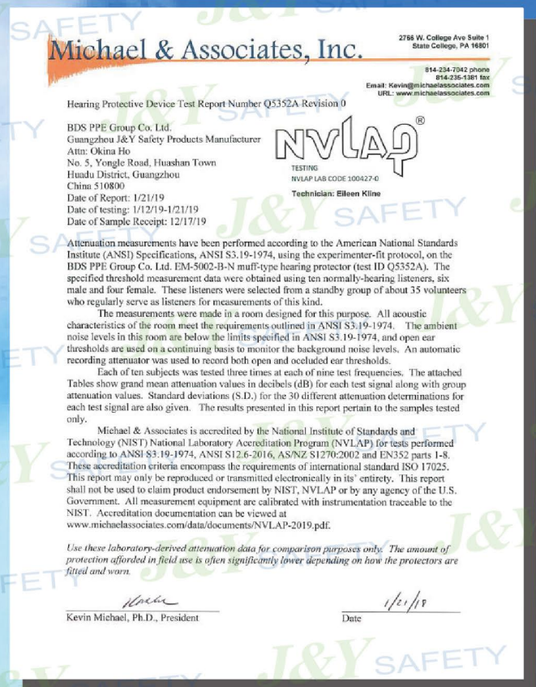
EC-2001 / EC-2001C CE Test Report



Michael & Associates, Inc.

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

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

Hearing Protective Device Test Report Number Q5352A Revision 0

BDS PPE Group Co. Ltd.
Guangzhou J&Y Safety Products Manufacturer Co. Ltd.
Attn: Okina Ho
No. 5, Yongle Road, Huashan Town
Huadu District, Guangzhou
China 510800

NVLAP®
TESTING
NVLAP LAB CODE 100427-0
Technician: Eileen Kline

Date of Report: 1/21/19
Date of testing: 1/12/19-1/21/19
Date of Sample Receipt: 12/17/19

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 BDS PPE Group Co. Ltd. EM-5002-B-N muff-type hearing protector (test ID Q5352A). 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. 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 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.

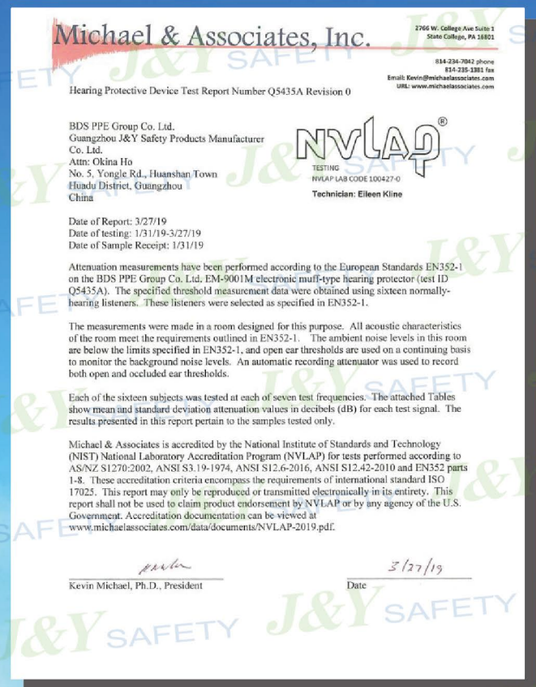
Michael & Associates is accredited by the National Institute of Standards and Technology (NIST) National Laboratory Accreditation Program (NVLAP) for tests performed according to ANSI S3.19-1974, ANSI S12.6-2016, AS/NZ S1270:2002 and EN352 parts 1-8. These accreditation criteria encompass the requirements 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 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.michaelassociates.com/data/documents/NVLAP-2019.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.

Kevin Michael, Ph.D., President

1/21/19
Date

EM-5002B ANSI Test Report



Michael & Associates, Inc.

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

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

Hearing Protective Device Test Report Number Q5435A Revision 0

BDS PPE Group Co. Ltd.
Guangzhou J&Y Safety Products Manufacturer Co. Ltd.
Attn: Okina Ho
No. 5, Yongle Rd., Huanshan Town
Huadu District, Guangzhou
China

NVLAP®
TESTING
NVLAP LAB CODE 100427-0
Technician: Eileen Kline

Date of Report: 3/27/19
Date of testing: 1/31/19-3/27/19
Date of Sample Receipt: 1/31/19

Attenuation measurements have been performed according to the European Standards EN352-1 on the BDS PPE Group Co. Ltd. EM-9001M electronic muff-type hearing protector (test ID Q5435A). The specified threshold measurement data were obtained using sixteen normally-hearing listeners. These listeners were selected as specified in EN352-1.

The measurements were made in a room designed for this purpose. All acoustic characteristics of the room meet the requirements outlined in EN352-1. The ambient noise levels in this room are below the limits specified in EN352-1, 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.

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Kevin Michael, Ph.D., President

3/27/19
Date

EM-9001M CE Test Report