

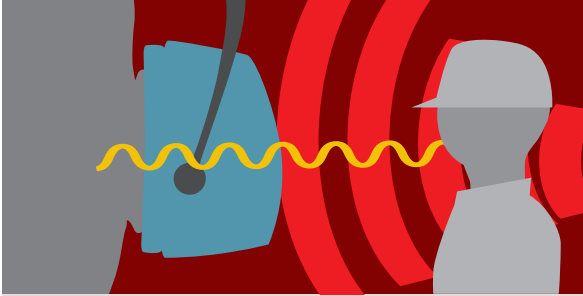
# Bilsom®



## CLARITY™ Series



## CLARITY™ Sound Management Technology



Bilsom's CLARITY™ Sound Management Technology improves worker safety by blocking noise while voice and signal frequencies can be heard more naturally. CLARITY earmuffs provide uniform attenuation that blocks low frequency noise but enhances perception of higher voice and warning signal frequencies without distortion.

## Dielectric Construction



Working under conditions with dielectric requirements? The CLARITY series features a robust non-deforming dielectric construction that withstands use and abuse, while protecting your workers in electrical environments.

# Advanced Sound Management Enhances Communication



## CLARITY™ Series Performance Profile

### Feature

- |   |  |
|---|--|
| 1 | CLARITY™ Sound Management Technology – Uniform Attenuation |
| 2 | Maximum Comfort  |
| 3 | Inner-Ventilated Headband                                  |
| 4 | Non-Deforming Outer Headband                               |
| 5 | Snap-In Ear Cushions                                       |
| 6 | Dielectric Construction                                    |
| 7 | Quick-Click Height Adjustment                              |
| 8 | Special Application Styles                                 |

## All-Day Comfort



When it comes to selecting an earmuff, comfort reigns supreme with your workers. That's why the CLARITY series earmuff is designed with all-day comfort in mind. Headband earmuffs feature a unique dual-headband design, with an inner-ventilated headband for better positioning and breathability, and non-deforming outer headband that minimizes pressure on the head.

# ment Technology ons On-the-Job

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### Benefit

- Provides more natural listening without distortion
- Prevents worker isolation and overprotection
- Broad ear cushions spacious earcups allow plenty of room for outer ear, improves wearing comfort
- Soft, comfortable contact surface breathes easier in warm/humid climates
- Robust construction withstands rough treatment in the toughest environments
- Makes cushion replacement quick and easy
- Robust ABS plastic headband construction does not conduct electricity
- Suitable for virtually all workplaces, especially electrical and mining environments
- Individual comfort setting remains fixed while wearing
- Multiple-Position, Cap-Mounted and Folding styles available for special applications

### CLARITY™ Style Key



Headband



Multiple-Position



Cap-Mounted



Folding

## Headband

**C3**



27 NRR

**C1**



20 NRR

## Multiple-Position

**C2**



23 NRR

- Use with face shields, visors, hard hats and other PPE
- Includes headband strap for better positioning

## Cap-Mounted

\*

**C3H**



25 NRR

\*

**C1H**



20 NRR

- For use with wide range of popular hard hats
- Earcups snap-lock in place during use and can rotate back when not in use
- Adapter included with earmuff

## Folding

\*

**C1F**



20 NRR

\*



Belt Storage Case

- Convenient folding design for easy storage
- Belt storage case available separately

## Ordering Information + Attenuation Info

C1 Headband Earmuff	SKU: 1011142 NRR 20 / Class B			Packaging: Ind. Box [10 Ea. Per Case]			Hygiene Kit SKU: 1006080		
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	16.6	23.9	28.7	23.2	28.4	33.7	33.2	33.9	37.1
Std. Dev.	1.9	3.0	2.5	1.9	3.5	2.8	3.0	2.5	3.2
C2 Multiple-Position Earmuff	SKU: 1011145			Packaging: Ind. Box [10 Ea. Per Case]			Hygiene Kit SKU: 1006017		
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Over-the-Head [NRR 23/Class B]									
Mean Attn.	18.2	25.1	29.0	29.7	29.4	30.7	30.6	30.7	31.9
Std. Dev.	2.7	3.0	2.6	2.1	2.0	2.5	2.2	2.7	2.2
Behind-the-Head [NRR 22/Class B]									
Mean Attn.	17.0	25.2	30.0	28.3	29.3	31.1	30.7	30.3	31.3
Std. Dev.	2.9	3.0	2.4	2.2	2.3	2.7	2.6	3.0	2.7
Under-the-Chin [NRR 22/Class B]									
Mean Attn.	18.6	25.0	30.1	28.8	28.6	31.0	30.8	30.4	31.3
Std. Dev.	2.4	2.6	2.9	2.1	2.7	2.5	3.2	2.4	2.0
C3 Headband Earmuff	SKU: 1011146 NRR 27 / Class B(L)			Packaging: Ind. Box [10 Ea. Per Case]			Hygiene Kit SKU: 1006081		
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	26.5	31.2	36.0	31.7	31.4	33.6	36.4	37.3	37.6
Std. Dev.	3.1	3.2	2.1	1.7	2.2	2.0	1.6	2.7	2.6
C1H Cap-Mounted Earmuff	SKU: 1011242 NRR 20 / Class B			Packaging: Ind. Box [10 Ea. Per Case]			Hygiene Kit SKU: 1006080		
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	19.2	22.6	27.0	22.0	28.1	33.7	32.2	33.6	35.0
Std. Dev.	2.9	2.8	2.5	1.7	2.2	3.2	3.0	2.5	2.3
C3H Cap-Mounted Earmuff	SKU: 1011243 NRR 25 / Class B(L)			Packaging: Ind. Box [10 Ea. Per Case]			Hygiene Kit SKU: 1006081		
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	26.5	30.0	34.0	29.8	29.4	33.6	37.4	36.6	38.1
Std. Dev.	2.7	3.0	2.9	1.9	2.1	2.7	2.9	2.7	2.2
C1F Folding Earmuff	SKU: 1011143 NRR 20 / Class B			Packaging: Ind. Box [10 Ea. Per Case]			Hygiene Kit SKU: 1006080		
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	19.5	23.3	27.8	24.2	27.6	32.0	32.9	31.5	30.1
Std. Dev.	4.0	2.8	2.9	2.2	2.7	2.9	2.9	3.2	3.4

*NRR testing in accordance with ANSI S3.19-1974.*

## Accessories

SKU	Description	Configuration
13910031	COOL II Absorbent Pads – 100 PR Dispenser	100 PR/CS
13910032	COOL II Absorbent Pads – 5 PR Pouch	100 PR/CS
13910033	Clip-On Adapter	20 PR/CS
13910034	Dielectric Screw-On Adapter	20 PR/CS
13910035	Blade Adapter – Centurion	20 PR/CS
13910036	Blade Adapter – JSP, LAS, MAS, Peltor, Voss, Opus	20 PR/CS
13910037	Blade Adapter – Alsafe	20 PR/CS
13910038	Blade Adapter – Cigweld, Protector	20 PR/CS
13910039	Blade Adapter – AO Safety, Bullard, Jackson, MSA, North, Willson	20 PR/CS
1000251	Folding Earmuff Belt Case	1 Each

Bacou-Dalloz  
Hearing Safety Group  
7828 Waterville Road,  
San Diego, CA 92154  
ph. 800/430-5490  
fax 401/232-3110  
www.bilsom.com

# Bilsom®

Founded in Sweden in 1968, Bilsom leads the industry in developing innovative sound management technologies and products that are used in some of the most challenging environments in the world. Bilsom is a part of the Bacou-Dalloz™ Hearing Safety Group. Combining the innovation and expertise of Bilsom® Earmuffs and Howard Leight® Earplugs, the Bacou-Dalloz Hearing Safety Group is a world leader in hearing safety. Visit us at [www.bilsom.com](http://www.bilsom.com) or call 800.430.5490.

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