

Bilsom®



LEIGHTNING® Series

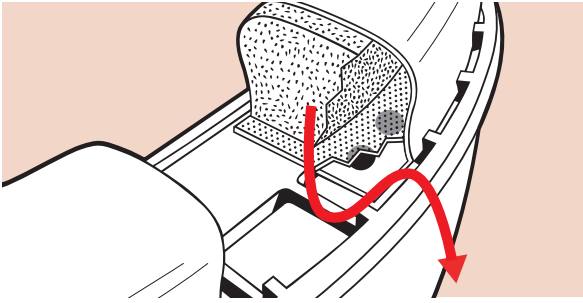


LEIGHTNING® Series Earmuffs

Maximum Comfort and Contemporary Design

When you're in a tough industrial environment and need to block noise, Bilsom's Lightning series' steel wire construction provides high performance and robust durability. Lightning stands up to daily use and abuse without compromising comfort. Bilsom has optimized the Lightning series to deliver the highest level of comfort available, featuring an exclusive padded foam headband and super soft ear cushions that eliminate that "squeezing pressure" on the head.

Air Flow Control™ Technology



Bilsom's patented Air Flow Control™ technology delivers optimal attenuation across all frequencies, without increasing earcup size or weight. As sound travels through the air in the earcup, a patented baseplate chamber and high-tech non-woven layer manage the flow of air inside the earmuff to control how sound reaches the ear. The result is better, more consistent overall attenuation for virtually all industrial noise environments. Air Flow Control is a standard feature on all LEIGHTNING series earmuffs.

Steel Wire Construction



When you're in a rough industrial environment and need to block out noise, Bilsom's LEIGHTNING series steel wire construction provides high performance and robust durability. LEIGHTNING stands up to daily use and abuse without compromising comfort. LEIGHTNING works well in extreme temperatures/humidity and under aggressive chemical influences.



Maximum Comfort



Bilsom has optimized the LEIGHTNING series to deliver the highest level of comfort. LEIGHTNING features an exclusive padded foam headband and super soft ear cushions that eliminate that “squeezing pressure” on the head.

L0 Ultraslim Earcups



The new L0 Folding and Neckband earmuffs are ideal for workers who are exposed to low levels of noise or intermittent exposure. The L0's ultraslim earcups provide reliable protection in most noise environments without the bulk and weight of a standard earmuff. The L0F folds down to less than 4" wide, while the L0N Neckband fits well underneath welding helmets.

Maximum Comfort and Contemporary Design

LEIGHTNING® Series Performance Profile

Feature	Benefit
1 Air Flow Control™ Technology	<ul style="list-style-type: none"> • Better, consistent attenuation, especially at low frequencies • Optimal protection for virtually all noise frequency environments • Improved attenuation on L1 & L2 headband models
2 Steel Wire Construction	<ul style="list-style-type: none"> • Robust design withstands demanding use, especially in tough environments
3 Snap-In Ear Cushions	<ul style="list-style-type: none"> • Makes cushion replacement quick and easy
4 Padded Foam Headband	<ul style="list-style-type: none"> • Delivers long wearing comfort • Minimal headband pressure on the head
5 Telescoping Height Adjustment	<ul style="list-style-type: none"> • Individual setting for personalized comfort • Remains fixed during usage
6 Contemporary Earcup Design	<ul style="list-style-type: none"> • Improves worker acceptance and compliance
7 Special Application Styles	<ul style="list-style-type: none"> • Cap-Mounted, Neckband and Folding styles available for special applications
8 L0 Ultraslim Earcups	<ul style="list-style-type: none"> • Ultraslim, lightweight design rests comfortably on the head, delivers high degree of comfort • Ideally suited for situations where compact earmuffs and reliable noise-blocking protection is required

LEIGHTNING® Style Key



Headband



Cap-Mounted



Neckband



Folding

Headband



Neckband



- Sleek, anatomic behind-the-head design
- Use with face shields, visors, hard hats and other PPE
- Includes attached elastic headband strap for better positioning
- LON ultraslim, lightweight earcups fit well under welding helmets

Cap-Mounted



- 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 each earmuff

Folding



- Convenient folding design for easy storage
- LON ultraslim, lightweight earcups
- Belt storage case available separately

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, MSA, 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

Ordering Information + Attenuation Info

L1 Headband Earmuff	SKU: 1010922	NRR 25 / Class B			Packaging: Ind. Box [20 Ea. Per Case]			Hygiene Kit SKU: 1011998		
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000	
Mean Attn.	19.7	23.8	29.0	31.3	32.1	37.8	39.2	39.5	39.5	
Std. Dev.	2.6	2.9	2.6	2.5	2.4	3.1	2.0	2.3	2.4	
L2 Headband Earmuff	SKU: 1010923	NRR 27 / Class B (L)			Packaging: Ind. Box [20 Ea. Per Case]			Hygiene Kit SKU: 1011999		
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000	
Mean Attn.	21.8	26.6	31.8	35.2	32.9	37.7	37.6	39.1	39.6	
Std. Dev.	3.2	3.1	2.5	2.1	2.1	2.4	2.2	2.4	2.6	
L3 Headband Earmuff	SKU: 1010924	NRR 30 / Class A (L)			Packaging: Ind. Box [20 Ea. Per Case]			Hygiene Kit SKU: 1012000		
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000	
Mean Attn.	23.8	28.8	36.5	39.9	35.3	38.7	39.0	41.0	40.8	
Std. Dev.	2.2	2.3	2.4	1.9	2.3	2.8	2.1	2.4	2.3	
L1H Cap-Mounted Earmuff	SKU: 1011991	NRR 23 / Class B (L)			Packaging: Ind. Box [20 Ea. Per Case]			Hygiene Kit SKU: 1011998		
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000	
Mean Attn.	20.0	22.4	26.9	29.6	32.1	36.4	37.4	40.2	39.6	
Std. Dev.	2.9	3.4	2.8	2.2	2.8	3.3	2.9	3.7	4.9	
L2H Cap-Mounted Earmuff	SKU: 1011992	NRR 25 / Class B (L)			Packaging: Ind. Box [20 Ea. Per Case]			Hygiene Kit SKU: 1011999		
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000	
Mean Attn.	20.0	25.1	30.5	32.6	32.6	37.8	36.5	38.3	39.7	
Std. Dev.	3.0	2.5	2.6	2.4	2.5	2.4	2.7	3.4	4.0	
L3H Cap-Mounted Earmuff	SKU: 1011993	NRR 27 / Class A (L)			Packaging: Ind. Box [20 Ea. Per Case]			Hygiene Kit SKU: 1012000		
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000	
Mean Attn.	22.5	26.5	34.2	36.9	33.6	36.8	37.3	40.4	37.7	
Std. Dev.	3.4	2.5	3.4	3.2	2.4	3.0	2.9	1.9	2.8	
L0N Neckband Earmuff	SKU 1013460	NRR 22 / Canada B			Packaging: Ind. Box [20 Ea. Per Case]			Hygiene Kit SKU: 1011998		
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000	
Mean Attn.	15.6	19.9	24.2	26.8	30.2	35.9	39.1	39.3	39.9	
Std. Dev.	2.5	2.1	2.0	2.0	2.5	3.2	2.8	2.2	2.7	
L1N Neckband Earmuff	SKU: 1011994	NRR 25 / Class B			Packaging: Ind. Box [20 Ea. Per Case]			Hygiene Kit SKU: 1011998		
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000	
Mean Attn.	19.3	23.3	28.9	33.2	32.0	36.2	37.3	38.2	38.5	
Std. Dev.	2.6	2.4	2.9	2.0	2.2	2.9	2.7	2.9	2.8	
L2N Neckband Earmuff	SKU: 1011995	NRR 26 / Class A (L)			Packaging: Ind. Box [20 Ea. Per Case]			Hygiene Kit SKU: 1011999		
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000	
Mean Attn.	20.4	25.3	31.2	35.0	33.2	37.7	37.7	38.9	39.4	
Std. Dev.	3.4	2.9	2.7	2.2	2.5	3.2	2.2	2.3	2.7	
L3N Neckband Earmuff	SKU: 1011996	NRR 28 / Class A (L)			Packaging: Ind. Box [20 Ea. Per Case]			Hygiene Kit SKU: 1012000		
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000	
Mean Attn.	22.5	27.8	33.7	37.1	33.7	38.5	38.6	40.8	40.3	
Std. Dev.	3.3	2.6	2.9	2.7	2.1	2.7	2.7	2.3	2.6	
L0F Folding Earmuff	SKU 1013461	NRR 23 / Canada B			Packaging: Ind. Box [20 Ea. Per Case]			Hygiene Kit SKU: 1011998		
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000	
Mean Attn.	16.8	22.1	25.2	27.2	31.3	36.2	40.3	40.2	42.1	
Std. Dev.	2.5	2.1	2.0	2.2	2.3	2.8	2.9	2.1	3.5	
L2F Folding Earmuff	SKU: 1011997	NRR 27 / Class B (L)			Packaging: Ind. Box [20 Ea. Per Case]			Hygiene Kit SKU: 1011999		
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000	
Mean Attn.	21.5	26.8	31.8	34.7	32.0	37.7	37.5	38.6	39.9	
Std. Dev.	2.9	2.6	2.5	1.9	2.1	2.8	2.5	2.4	2.8	

NRR testing in accordance with ANSI S.3.19-1974.

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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.hearingportal.com or call 800.430.5490.

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