

# M1 Premium M2 Multi-Position M3 Cap-Mounted Earmuffs



## GOOD LOOKS AND STYLE

Exclusive iridescent color and sleek, curvy shape for a look that workers will want to wear. The SoftCoat® covering on the cups helps to muffle transmitted noise.

## UNIQUE METAL BAND DESIGN

The M1 Premium Earmuff features a black-chrome, spring steel headband that resists fatigue and is more durable. It maintains stability and doesn't twist out of shape like other wire-band earmuffs. Six different adjustment points provide a custom and comfortable fit for most head sizes. M1 folds into a super-compact size for easy storage.

## QUICK AND EASY ALIGNMENT

The special molded grips of the M2 Multi-Position Earmuff make fitting and alignment quick and easy. The cup adjustment is infinitely variable, distributing pressure evenly for a comfortable fit. The headband is made of lightweight plastic. The M3 Cap-Mounted version slots easily into any hard hat. Can be locked in the standby position for storage.

## MOLDEX TECHNICAL ASSISTANCE

Moldex provides all of the technical assistance required to set up a hearing protection program. For more information call +1 (800) 421-0668 ext. 512/550 or E-mail: sales@moldex.com or visit www.moldex.com.

## FEATURES

- 100% PVC-Free.
- SoftCoat® covering helps muffle transmitted noise.
- Exclusive iridescent color and curvy shape for great looks.
- High NRR ratings.
- Choose either M1 with metal band or M2/M3 with a lightweight plastic band.
- M1 Premium Earmuff folds for easy storage.
- M1 has a black-chrome, spring-steel band that doesn't twist out of shape like wire bands.
- M2/M3 have molded grips for easy and quick fitting.
- Independently tested to ANSI S3.19-1974.



M1

M2



M3



**ATTENUATION DATA  
M1 (OVER-THE-HEAD)**

Tested According to ANSI Specs S3.19-1974 Michael & Assoc., State College, PA.

Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000		
Mean Attenuation (dB)	16.4	23.9	27.8	36.2	37.5	43.9	46.1	44.4	42.7	NRR 29	CSA AL
Standard Deviation (dB)	2.8	2.6	2.0	3.5	2.8	3.9	3.6	4.1	4.7		

**ATTENUATION DATA  
M2 (BEHIND-THE-HEAD)**

Tested According to ANSI Specs S3.19-1974 Michael & Assoc., State College, PA.

Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000		
Mean Attenuation (dB)	15.3	21.6	25.2	33.1	36.1	41.4	41.3	43.5	40.9	NRR 24	CSA AL
Standard Deviation (dB)	2.4	2.4	2.2	2.4	3.2	3.8	3.4	3.4	4.3		

**ATTENUATION DATA  
M3 (CAP-MOUNT)**

Tested According to ANSI Specs S3.19-1974 Michael & Assoc., State College, PA.

Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000		
Mean Attenuation (dB)	17.9	22.4	26.1	31.5	35.5	40.2	43.1	40.9	37.6	NRR 24	CSA AL
Standard Deviation (dB)	3.4	2.3	2.5	3.2	2.8	3.8	3.8	3.8	4.5		



**WARNING TO USER**

1. Use this laboratory-derived attenuation data for comparison purposes only. The amount of protection afforded in field use often is significantly lower depending on how the protectors are fitted and worn.
2. Failure to follow all instructions could result in hearing loss or injury.
3. Failure to obtain a proper fit will reduce effectiveness of hearing protectors and could result in hearing loss or injury.
4. Earmuffs must only be used as part of a hearing conservation program that complies with applicable local safety and health regulations.
5. Overprotection can be dangerous. The wearer must be able to hear warning signals.
6. Wearers with hearing loss should exercise extreme caution.
7. It is the employer's responsibility to ensure that the type of hearing protector and its NRR is appropriate for the user in their particular workplace.
8. Failure to follow these warnings could result in serious injury or death.

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9701-789 REV F 07/09

**ATTENUATION DATA  
M2 (OVER-THE-HEAD)**

Tested According to ANSI Specs S3.19-1974 Michael & Assoc., State College, PA.

Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000		
Mean Attenuation (dB)	16.4	23.9	29.4	34.2	35.6	43.7	45.0	43.2	42.1	NRR 26	CSA AL
Standard Deviation (dB)	2.3	2.5	2.3	2.4	2.4	2.4	2.1	2.8	3.1		

**ATTENUATION DATA  
M2 (UNDER-THE-CHIN)**

Tested According to ANSI Specs S3.19-1974 Michael & Assoc., State College, PA.

Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000		
Mean Attenuation (dB)	15.5	20.2	25.7	33.5	36.7	42.0	42.2	43.7	40.8	NRR 24	CSA AL
Standard Deviation (dB)	1.9	2.4	2.4	2.1	3.4	2.7	3.0	4.5	4.4		

**PACKAGING**

**6100 M1 Premium Earmuff**

10 per Case

**6200 M2 Multi-Position Earmuff**

20 per Case

**6300 M3 Cap-Mounted Earmuff**

10 per Case

**6105 Hygiene Kit**

1 Pair per Bag  
20 Bags per Case

**LIMITED WARRANTY IMPORTANT  
NOTICE TO PURCHASER**

This limited warranty is made in lieu of the warranties of merchantability, fitness for particular purposes and all other warranties, express or implied. There are no other warranties which extend beyond the description on the face hereof. The physical standards and specifications of Moldex will be met by products sold. **Exclusive Remedies:** damages for the breach of this limited warranty are limited to the replacement of such quantity of Moldex products proved to be defectively manufactured. Except as provided above, Moldex shall not be liable or responsible for any loss, damages, or liability, direct, indirect, incidental, special or consequential, arising out of a sale, use or misuse, or the inability to use products by the user.

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