

3M 312-1250

3M E-A-Rsoft Yellow Neons Uncorded Ear Plugs 312-1250 Instruction Manual

Your guide to proper use, care, and maintenance.

1. INTRODUCTION

1.1 Product Overview

The 3M E-A-Rsoft Yellow Neons Uncorded Ear Plugs, model 312-1250, are designed to provide effective hearing protection by sealing the ear canal. Made from soft, slow-recovery foam, these earplugs offer a comfortable and secure fit, expanding within the ear canal to reduce noise levels.

1.2 Intended Use

These earplugs are intended for noise reduction and hearing protection in various environments, including but not limited to sleeping, motorcycling, studying, working, and other situations where exposure to noise may be a concern. They are suitable for general noise protection.

1.3 Safety Information

Always ensure earplugs are clean before insertion. Improper insertion or use may reduce effectiveness. Keep out of reach of small children to prevent choking hazards. If you experience discomfort or irritation, discontinue use and consult a healthcare professional.

2. SETUP AND INSERTION

2.1 Preparing the Earplugs

Before insertion, ensure your hands are clean. Take one earplug and firmly roll it between your thumb and forefinger into a thin, crease-free cylinder. This compression is crucial for proper insertion.

2.2 Proper Insertion Technique

1. With one hand, reach over your head and pull your outer ear (pinna) upward and outward. This straightens the ear canal.

2. With the other hand, gently insert the rolled-down earplug into the ear canal.
3. Hold the earplug in place with your finger for approximately 30-60 seconds while it expands to fill the ear canal.
4. Release your ear and check the fit. The earplug should feel snug and comfortable, and noise should be noticeably reduced.



Image 1: 3M E-A-Rsoft Yellow Neons Uncorded Ear Plugs, showing their bright yellow color and soft foam material.

3. OPERATION AND PERFORMANCE

3.1 Noise Reduction Rating (NRR)

These earplugs have a Noise Reduction Rating (NRR) of 33 decibels (dB). When properly inserted, they significantly reduce exposure to hazardous noise levels. The NRR indicates the potential noise reduction achievable under ideal conditions.



Image 2: Product packaging highlighting the 33 Decibel Noise Reduction Rating (NRR).

3.2 Achieving Optimal Fit

A proper seal is essential for maximum noise reduction. If the earplug does not feel snug or if noise reduction is insufficient, remove the earplug, re-roll it, and re-insert it following the steps in Section 2.2. The earplug should not protrude excessively from the ear canal once fully expanded.

4. CARE AND STORAGE

4.1 Cleaning Instructions

These earplugs are designed for reusability. To clean, gently wipe the surface with a clean, damp cloth. Do not wash with harsh chemicals or submerge in water, as this can damage the foam and reduce its effectiveness. Allow to air dry completely before next use.

4.2 Storage

Store earplugs in a clean, dry place away from direct sunlight and extreme temperatures. Keeping them in their original packaging or a clean, sealed container will help maintain their shape and hygienic condition.

5. TROUBLESHOOTING

5.1 Insufficient Noise Reduction

- Ensure earplugs are rolled down tightly before insertion.
- Verify that the earplug has fully expanded within the ear canal.
- Re-insert the earplug if the fit feels loose or if there are gaps.
- Check for any damage or hardening of the foam, which may indicate the need for replacement.

5.2 Discomfort or Irritation

- Ensure earplugs are inserted gently and not forced into the ear canal.
- If discomfort persists, remove the earplugs.
- Consult a healthcare professional if irritation or pain continues.

6. PRODUCT SPECIFICATIONS

Brand	3M
Model Number	312-1250
Product Name	E-A-Rsoft Yellow Neons Uncorded Ear Plugs
Noise Reduction Rating (NRR)	33 dB
Material	Foam
Style	Uncorded
Size	Regular
Reusability	Reusable
Recommended Uses	Noise Protection

7. WARRANTY AND SUPPORT

7.1 Legal Disclaimer

Statements regarding personal protective equipment have not been evaluated by regulatory bodies and are not intended to diagnose, treat, cure, or prevent any disease or health condition. Always follow proper safety guidelines and consult with relevant authorities for specific workplace or health requirements.

7.2 Manufacturer Support

For further assistance, product inquiries, or to report any issues, please contact 3M customer support directly. Refer to the official 3M website or product packaging for the most current contact information.