



Ceradyne, Inc.
a 3M company

Ballistic Helmets: November (N) Series 3M™ Ultra Light Weight (ULW) Ballistic Bump Helmet N49



The N49 is a NIJ IIIA Ballistic Helmet starting at a ~1.2lb finished shell weight (medium), making it one of the lightest ballistic helmets available in the market today.

This special operations helmet is engineered to provide outstanding ballistic and bump head protection – while reducing weight for improved mobility.



Black



Brown



Green

Product Highlights

- Shell is manufactured with advanced Ultra-High Molecular Weight Polyethylene (UHMWPE)
- Composite fiber shell utilizes seamless ballistic molding technology for robust ballistic protection
- Unique geometry to maximize coverage and fit
- Helmet comes standard with NVG shroud & bungee cords
- Helmet comes standard with reverse dovetail slot accessory rail with removable picatinny adapter
- Rail system is mounted to helmet without the need for bolts or drill through holes
- Rail provisions for NVG counterweight and O2 respirator

Weight

Finished shell weight with paint and trim

Medium	~1.20lbs (0.54kgs)
Large	~1.27lbs (0.58kgs)
Extra Large	~1.39lbs (0.63kgs)

Ballistic Helmets: November (N) Series 3M™ Ultralight Weight (ULW) Ballistic Bump Helmet N49

Ballistic Performance

Tested in accordance to NIJ Standard 0106.01 for Ballistic Helmets to the following ballistic resistance*

Level IIIA Helmet to NIJ 0108.01 IIIA Ballistic threats:

- 9 mm FMJ - 124 gr – 1400-1450 ft/s (430 m/s) (Vo)
- .44 Magnum - 240 gr – 1400-1450 ft/s (430 m/s) (Vo)

Provides fragmentation protection against 17 grain .22 cal FSP with V50 value >2,198 f/s (>670 m/s) when tested in accordance to STANAG 2920

**Testing performed at a NIJ accredited laboratory*

Blunt Impact Protection

Tested and evaluated with D3O® Trust Pad System to DOT&E protocol in accordance with AR/PD 10-02, AR/PD 14-01 and GL/PD 09-04 (Latest versions)

Accessories



3M Counterweight Pocket
(Includes weights)
Black: 7010304583
Brown: 7100159152



Ballistic Helmet Bag
7010350718



Rail Picatinny Adaptor
Black: 7010350777
Brown: 7010291009



N49 & L110 Hook and Loop Set
Black: 7100159065
Brown: 7100159155
Green: 7100159154

Ordering Information

The N49 helmet includes retention, suspension, rails, NVG shroud, bungee cords, and picatinny adapter.

3M ID	Size	Color	Retention	Suspension
7100094863	Med	Black	X-Back	D3O
7010304479	Large	Black	X-Back	D3O
7010399859	XL	Black	X-Back	D3O
7010399857	Med	Brown	X-Back	D3O
7010320312	Large	Brown	X-Back	D3O
7010399858	XL	Brown	X-Back	D3O
7010399875	Med	Green	X-Back	D3O
7010352319	Large	Green	X-Back	D3O
7010305829	XL	Green	X-Back	D3O
7010305828	Med	Black	BOA	D3O
7010399870	Large	Black	BOA	D3O
7010352316	XL	Black	BOA	D3O
7010321242	Med	Brown	BOA	D3O
7010399869	Large	Brown	BOA	D3O
7010352315	XL	Brown	BOA	D3O
7010399876	Med	Green	BOA	D3O
7010352320	Large	Green	BOA	D3O
7100096387	XL	Green	BOA	D3O

Warning

Only qualified and trained operators should use these helmets. Many factors uniquely within the user's knowledge and control can affect the use and performance of the helmet. The user is solely responsible for evaluating the helmet and determining whether the helmet is suitable for user's intended conditions of use. Misuse or failure to follow warnings and user instructions may result in serious personal injury or death.

Export Control: The Ceradyne product(s) listed here may be controlled commodities under applicable U.S. export control laws and regulations, including, but not limited to, the U.S. International Traffic in Arms Regulations (ITAR) and the Export Administration Regulations (EAR). These laws and regulations may, among other things, prohibit the export and/or reexport of controlled product(s) to any or all locations outside of the United States without prior U.S. Government export authorization, the sharing of export controlled technical data and services with those anywhere who are not U.S. citizens or U.S. permanent residents, dealings with U.S. Government, United Nations and other "Restricted Parties," and proliferation activities including those that further nuclear, chemical, or biological warfare, missile stockpiling/use, or the use of rockets or unmanned aerial vehicle systems. Ceradyne and purchasers or prospective purchasers of the Ceradyne product(s) shall comply with all applicable export control laws and regulations, which may require obtaining and maintaining applicable export control authorization or licenses, and understand that the ability of a party to obtain or maintain such authorization or license is not guaranteed. The exporter of record has the sole responsibility to determine whether the export or subsequent reexport of the Ceradyne product(s) requires export authorization. An explicit condition to Ceradyne selling or making available the Ceradyne product(s) is the customer's agreement to comply with all applicable trade compliance laws and regulations.

Ceradyne Inc., a 3M company
3M Center 220-9E-02
St. Paul, MN 55144-1000
3M.com

For more information visit
3M.com/BallisticHelmets or call
Technical Service at
1-800-367-8905 or email:
ah-ballistichelmets@mmm.com

© 3M 2019. All rights reserved.
3M is a trademark of 3M Company. All other
trademarks are the property of their respective
owners. 3M Ceradyne products are occupational
use only. D3O® is a registered trademark
of Design Blue Limited.