Please carefully read and save these instructions before attempting to assemble, maintain, install, or operate this product. Observe all safety information to protect yourself and others. Failure to observe the instructions may result in property damage and/or personal injury. Please keep instructions for future reference.

Important Operating Instructions

North American Tool INDUSTRIES

AUTO DARKENING WELDING HELMET

Model: 7664

CALIFORNIA PROPOSITION 65

WARNING: You can create dust when you cut, sand, drill or grind materials such as wood, paint, metal, concrete, cement, or other masonry. This dust often contains chemicals known to cause cancer, birth defects, or other reproductive harm. Wear protective gear.
WARNING: This product or its power cord may contain chemicals, including lead, known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling.

Important!

When using equipment, a few safety precautions must be observed to avoid injuries and damage. Please read the complete operating manual with due care. Keep this manual in a safe place, so that the information is available at all times. If you give the equipment to any other person, give them these operating instructions as well. We accept no liability for damage or accidents which arise due to non-observance of these instructions and the safety information herein.

CAUTION:

FOR YOUR OWN SAFETY READ INSTRUCTION MANUAL COMPLETELY AND CAREFULLY BEFORE OPERATING. Failure to follow all instructions as listed below may result in electrical shock, fire, and/or serious personal injury.

SPECIFICATIONS

Shade range: 9-13
Viewing area: 3.5 by 1.5 in.
Switch time: 0.0001 seconds
Power supply: Solar + 2 AAA batteries
Manual On/Automatic Off
Delay time: 0.6 seconds

SAFETY WARNINGS

1) It is the welder's job to keep yourself and others from possible hazards associated with welding and handling high pressure gas cylinders.

2) Arc welding will release fumes into the air. Always weld in areas that allow ventilation.

3) Never attempt to weld without adequate eye protection.

4) Always wear appropriate safety equipment when welding.

5) Do not use this helmet if the filter does not work.

OPERATION

Before first time use:
Remove the protective film on the auto darkening filters. If not removed, the shade level may be incorrect or fail to function properly

For warranty purchases, please keep your dated proof of purchase. File or attach to the manual for safekeeping.

1) Gently press the ON/OFF button on the welding filter to power it on.

2) Select the correct dark shade (based upon the type of welding job) by adjusting the dark shade knob.

3) Place the helmet on your head. The work piece and your surroundings should be visible.

4) Begin welding and the view window will turn to the set dark shade immediately. If the helmet fails to work properly, immediately stop working and check the helmet. Do not use again until the problem has been resolved.

5) When done using the helmet, place it with the filter facing downwards. This helmet automatically powers off.

MAINTENANCE

If the filter becomes dirty, clean with water and mild soap.

Do not store the helmet for long periods of time with the batteries in tact.

Changing the batteries

Open the cover on the back of the filter lens, remove the batteries. Place fresh batteries in the proper slots. Replace the cover.

TROUBLESHOOTING

If the auto darkening speed and shade level decrease, the batteries are low and need to be replaced.

2) If the view window will not lighten or become clear, the power switch is off or the batteries are low. Turn on the power switch. If this does not help, check and replace the batteries.

When the light transmittance of the protective sheet in front of the lens is low, replace with a new one.

Shade Guide

Welding Process	Arc Current (Amperes) 0.5	1	2.5	5	10	15	20	30	40	60	80	100	125	150	175	200	225	250	275	300	350	400	450	500
SMAW							9		10		11				12					13				
MIG (heavy)											10	11			12					13				
MIG (light)											10	11			12			13						
TIG, GTAW				9			10		11			12			13									
MAG/CO_2									10		11		12		13									
SAW													10		11		12		13					
PAC										11				12				13						
PAW				8	9	10		11		12			13											

Note:

- SMAW - Shielded Metal Arc Welding
- MIG(heavy) - MIG on heavy metals
- MIG(light) - MIG on light alloys
- TIG, GTAW - Gas Tungsten Arc Welding (GTAW)(TIG)
- SAW - Shielded Semi - Automatic Arc Welding
- PAC - Plasma Arc Cutting
- PAW - Plasma Arc Welding

Limited Manufacturer Warranty

North American Tool (NAT) Industries makes every effort to ensure that this product meets high quality and durability standards. NAT warrants to the original retail consumer a 1-year limited warranty from the date the product was purchased at retail and each product is free from defects in materials. Warranty does not apply to defects due directly or indirectly to misuse, abuse, negligence or accidents, repairs or alterations, or a lack of maintenance. NAT shall in no event be liable for death, injuries to persons or property, or for incidental, special or consequential damages arising from the use of our products. To receive service under warranty, the original manufacturer part must be returned for examination by an authorized service center. Shipping and handling charges may apply. If a defect is found, NAT will either repair or replace the product at its discretion.

DO NOT RETURN TO STORE

For Customer Service:
Email: feedback@natitools.com or Call 1-800-348-5004