

## CTRL<sup>®</sup> MS1 • OWNER'S MANUAL

This e-Tint<sup>®</sup> powered eyewear meets MIL-PRF-32432A. Please follow these care and usage instructions to ensure optimal performance from your eyewear.



### DIRECTIONS OF USE

**GLOSSARY OF TERMS** ACTIVATE: Turn on; tint | DEACTIVATE: Turn off; clear

The CTRL<sup>®</sup> MS1 electronic-tinting eyewear changes instantly between two levels of tint (on or off) by either a quick press of the button or automatically via the built-in light sensor. These tint levels are fixed and cannot be changed by the user. The eyewear comes pre-programmed with a standard setting for automatic mode. You can adjust the light sensitivity if you determine that it does not automatically turn on or off to your liking (see "Adjust Light Sensitivity" below).

#### TO OPERATE IN MANUAL MODE:

Quickly press and release the button to activate or deactivate the tint of the eyewear.

#### TO OPERATE IN HANDS-FREE (AUTOMATIC) MODE:

The CTRL<sup>®</sup> MS1 eyewear can automatically tint in the presence of an activating light. To switch the system to automatic mode, simply press and hold the button for approximately three (3) seconds. The lens will flash to indicate it has been switched into automatic mode. Release the button. The eyewear is now set for hands-free (automatic) use.

#### TO EXIT HANDS-FREE (AUTO) MODE, AND ENTER MANUAL MODE:

Press the button once to go back to manual mode. Note: The lens will turn clear upon exiting automatic mode.

#### TO ADJUST LIGHT SENSITIVITY:

First, switch the eyewear to automatic mode. Choose an ambient area of light that would be similar to where you want the eyewear to activate. Stand in your desired lighting condition. Press & hold the button for about four (4) seconds. After four seconds, the lens will flash to indicate the system has re-calibrated its sensor to your desired setting. Light that is as bright as, or brighter than, your selected ambient lighting will now trigger the sensor. The electronics will store this custom setting until it is re-adjusted or reset to its factory setting. **NOTE: Be sure to keep the area around the light sensor clear and open to the light source.** If your finger is covering the light sensor during the adjustment, the eyewear will stay activated most of the time and only switch when it is very dark. DO NOT attempt to change the light sensitivity when moving.

#### FOR A FACTORY RESET:

A factory reset can be performed in either manual or automatic mode. Press and hold the button for approximately six (6) seconds. The lens will cycle through (2) sets of flashing. After the second set of flashing, the eyewear will be restored to its original factory settings.

**WARNING! DO NOT USE** tinted lenses in the dark. **DO NOT USE** if lenses are scratched. IT IS YOUR RESPONSIBILITY TO DETERMINE THE SUITABILITY OF THIS PRODUCT FOR ITS INTENDED USE. IF AT ANY TIME YOUR EYEWEAR IS NOT PERFORMING PROPERLY, DISCONTINUE USE OF THE EYEWEAR AT ONCE. NOT RECOMMENDED FOR USE OR STORAGE IN TEMPERATURES BELOW -10°C (14°F) OR ABOVE 45°C (113°F).

**CHARGING:** Connect the supplied USB cable to eyewear and charge with the e-Tint<sup>®</sup> charging pack or computer. The lens will tint when charging and turn off when fully charged. A completely depleted battery will take up to two (2) hours to fully charge. Directions for use of the charging pack are included with the charger.

**CHARGING STORAGE:** If the eyewear will be stored for a prolonged period of time, we recommend to fully charge the battery every 2-3 months or charge in 'storage mode' with the e-Tint<sup>®</sup> charging pack. Doing so will prolong and protect the capacity of the eyewear battery. Directions for use of the charging pack are included with the charger.

**WARNING! IF EYEWEAR, USB CABLE, OR CHARGER HAVE BEEN EXPOSED TO EXCESSIVE SWEAT OR MOISTURE, ALLOW UNIT TO DRY (APPROX. 8 HRS.) BEFORE CHARGING. DO NOT STORE EYEWEAR CONNECTED TO A CHARGING SOURCE FOR AN EXTENDED PERIOD OF TIME (UNLESS IT IS CONNECTED TO THE E-TINT<sup>®</sup> CHARGER IN STORAGE MODE).**

**COMFORT & FIT:** The CTRL<sup>®</sup> MS1 is equipped with an adjustable nose piece and 360° bendable temple arms to allow for a comfortable and customized fit.

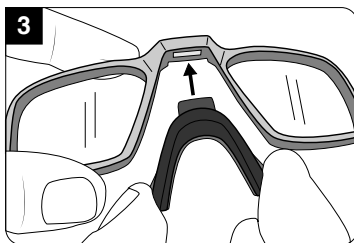
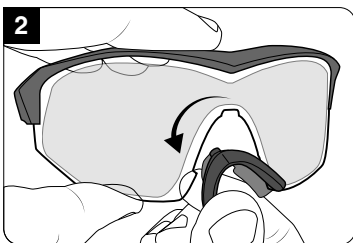
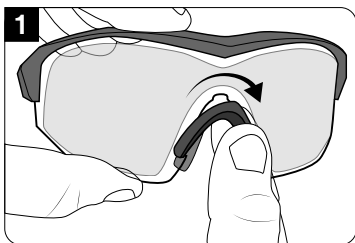
**CLEANING & CARE:** Clean with warm water, mild detergent, and a soft cloth. For stubborn residues clean with a household glass cleaner. DO NOT use cleaners which contain moisturizers, abrasives, strong acids, or caustics. DO NOT immerse the spectacle in liquids. **DO NOT leave or store eyewear in excessive heat when not in use.**

### PRESCRIPTION (RX) CARRIER INSTALLATION

**FOLLOW THESE INSTRUCTIONS TO INSTALL YOUR PRESCRIPTION (Rx)\* CARRIER AND Rx CONNECTOR INTO THE CTRL<sup>®</sup> MS1 EYEWEAR.**

**\*Prescription (Rx) must be prepared by a licensed optician.**

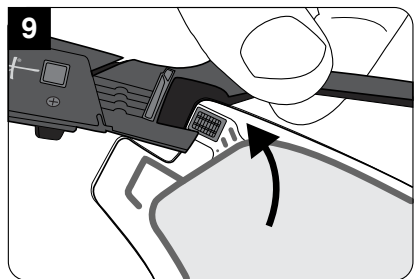
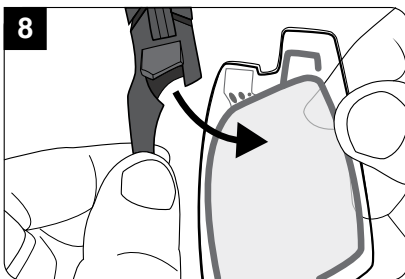
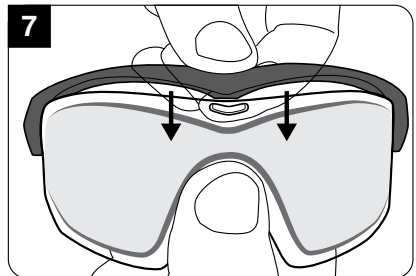
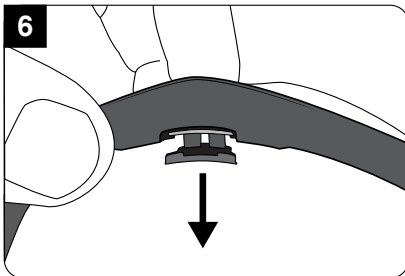
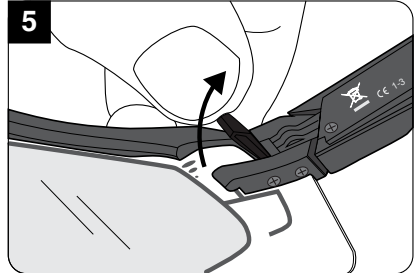
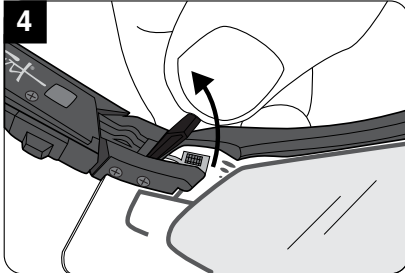
1. Switch the spectacle into the "off" or clear state.
2. Hold the eyewear frame while removing the nose piece. Avoid pressing the inner liquid crystal surface of the lens. Grip the bottom corner of the nose piece and gently rotate outward about 1/4 inch to release from the lens (**Diagram 1**).
3. Repeat process on the opposite side of the nose piece and pull to completely remove (**Diagram 2**).
4. Insert the Rx Carrier into the Rx Connector by aligning the rectangular post at the center of the Rx Carrier with the rectangular hole on the Rx Connector. Gently push Rx Carrier down until it snaps securely into place (**Diagram 3**).
5. Install the Rx Carrier by sliding the nose piece back up into the lens until it snaps securely into place. Follow Steps 1-3 to remove the Rx Carrier (by the nose piece) from your spectacle.



## LENS REMOVAL / INSTALLATION

visit [www.e-tintproducts.com](http://www.e-tintproducts.com) for instructional videos

1. Switch the spectacle into the "off" or clear state.
2. Hold the eyewear frame while removing the nose piece and avoid pressing the inner liquid crystal surface of the lens. Grip the bottom corner of the nose piece and gently rotate outward about 1/4 inch to release from the lens (**Diagram 1 - see opposite page**).
3. Repeat process on the opposite side of the nose piece and pull to completely remove (**Diagram 2 - see opposite page**).
4. Open left Temple Door, located to the right of the arm hinge (**Diagram 4**).
5. Open right Temple Door, located to the left of the arm hinge (**Diagram 5**).
6. Gently slide the center Lens Lock out from the eyewear frame about 1/4 of an inch (**Diagram 6**).
7. Grip the lens (avoid pressing the inner liquid crystal surface of the lens) and gently pull out until it separates from the frame (**Diagram 7**).
8. Gently slide the lens out of each corner of the frame (**Diagram 8**).
9. Choose a new lens (either an e-Tint® lens or clear lens). If installing an e-Tint® lens, be sure to first insert the end with the electronic plug (left corner) into the open temple cavity (**Diagram 9**). **Do not close Temple Door until the lens is entirely reinstalled.**
10. Gently slide the opposite corner of the lens into the open temple cavity until it snaps securely into place.
11. Align and press the lens back into the main brow of the eyewear frame.
12. Push the center Lens Lock back into the eyewear frame until it snaps securely into place.
13. Close Temple Doors.
14. Reinstall the nose piece by sliding it up into the lens until it snaps securely into place.



## RETURN POLICY

For warranty/repair service, or to return any new, unopened product for a full refund or exchange (within 30 days of purchase), please contact Customer Support at [support@e-tintproducts.com](mailto:support@e-tintproducts.com) or visit [www.e-tintproducts.com](http://www.e-tintproducts.com) for a Return Merchandise Authorization (RMA) number and specific shipping instructions. Products returned for a full refund must be in new condition and in original packaging (including all accessories), and returned to us within 30 calendar days of the issuance of the RMA. A 20% restocking fee may be charged for any accessories or components missing from the returned product. A purchase receipt MUST be provided with the return of any product. Products returned without an RMA will not be eligible for a refund or exchange. The shipping and duty charges for returning a product are the customer's responsibility.

The following information is required for all returns:

- **LOT NO.** Found on the UPC label (on the retail box)
- **SKU NO.** Found on the UPC label (on the retail box)
- **ORIGINAL PURCHASE RECEIPT**
- **FIRST & LAST NAME**
- **TELEPHONE NUMBER**
- **EMAIL & SHIPPING ADDRESS**

## LIMITED WARRANTY

All e-Tint® products are warranted to the original purchaser for six (6) months from the date of purchase against manufacturing defects in materials and workmanship. Upon receiving returned product(s) that e-Tint determines to be defective, we will repair or replace the product at our option. Please contact Customer Support at [support@e-tintproducts.com](mailto:support@e-tintproducts.com) for warranty service. This warranty does not affect the legal rights of customers under applicable state or national laws governing the sales of consumer goods.

### EXCLUSIONS

The Return Policy and Limited Warranty does not apply to: (a) normal wear and tear, including scratched lenses; (b) water damage; (c) damage due to neglect, abuse, misuse, or mishandling; (d) damage caused by improper storage or improper maintenance; (e) damage caused by use of chemicals or improper cleaning; (f) damage due to accidents or acts of nature; and (g) battery damage from improper use; (h) damage resulting from alterations, changes, or repairs not authorized in writing by e-Tint.

Online Auction Purchases: Products purchased through online auctions (other than our primary websites or Authorized Dealers) are not eligible for warranty coverage. Online auction confirmations are not accepted for warranty verification. EXCEPT AS SET FORTH IN THE LIMITED WARRANTY, ALL E-TINT® PRODUCTS ARE PROVIDED ON AN "AS IS" BASIS. TO THE EXTENT PERMITTED BY APPLICABLE LAW, ALL OTHER WARRANTIES OF ANY KIND, WHETHER EXPRESS OR IMPLIED, ARE EXPRESSLY DISCLAIMED.

This product is subject to one or more U.S. or foreign patents listed at: [e-tintproducts.com/intellectual-property](http://e-tintproducts.com/intellectual-property)