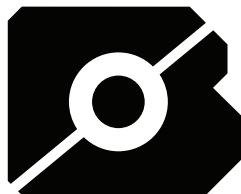


**BRUNTON®**

7088 Winchester Cir  
Boulder, CO 80301  
[www.brunton.com](http://www.brunton.com)

OmniSight  
**BRUNTON®**



Nous vous remercions de l'achat de votre inclinomètre Brunton OmniSight. Intégrant plus de 100 ans d'expérience de l'instrument, l'inclinomètre est construit pour les professionnels les plus exigeants. S'il vous plaît comprendre l'utilisation de ce produit avant de s'en servir dans le domaine.

Vue à travers la lentille optique de son objectif. En raison de l'illusion d'optique, la ligne d'index est affiché dans l'objet lorsque les deux yeux sont ouverts (Voir la figure 1). Concentrer l'objectif en tournant l'oculaire. Choisissez votre niveau désiré sur la base du tableau de la figure 1.

Voir la figure 2 pour un exemple de tracer l'emplacement sur une carte.

Parce que l'inclinaison magnétique, il est important d'acheter une boussole équilibrée à une région spécifique dans le monde. Compas OmniSight conformes au nord magnétique à l'usine avec  $1/2^\circ$  exactitude. Diffère du nord vrai nord magnétique en fonction de leur position sur le globe. Les mesures prises à cette boussole doit être ajusté à la baisse locale.

Gracias por la compra de su inclinómetro Brunton OmniSight. La incorporación de más de 100 años de experiencia del instrumento, este inclinómetro se construye para los profesionales más exigentes. Por favor, comprenda el uso de este producto antes de confiar en ella en el campo.

Ver a través de la lente óptica a su objetivo. A causa de la ilusión óptica, la línea de índice aparecerá en el objeto cuando ambos ojos están abiertos (Véase la figura 1). Enfoque la lente girando el ocular. Elija su escala deseada en base a la tabla de la figura 1.

Ver figura 2 para un ejemplo de planear la ubicación en un mapa.

Debido a la inclinación magnética, es importante para la compra de una brújula equilibrada a una región específica en el mundo. Brújulas OmniSight se ajustan al norte magnético en la fábrica con  $1/2^\circ$  exactitud. Norte geográfico difiere de norte magnético en base a su ubicación en el globo. Las mediciones tomadas con este compás se deben ajustar para la declinación local.

*Thank you for purchasing your Brunton OmniSight compass. Incorporating more than 100 years of excellence in navigation instruments, this compass is built for demanding outdoor professionals who cannot cut corners on accuracy and precision. Please fully understand the use of this product before relying on it in the field.*

## OWNER'S PURCHASE RECORD

**Model** \_\_\_\_\_

**Date of Purchase** \_\_\_\_\_

**Dealer Purchased From** \_\_\_\_\_

## WARRANTY

Please register your OmniSight by visiting [www.brunton.com/register](http://www.brunton.com/register). Brunton has taken every effort to ensure years of trouble-free use from your new product. This product is guaranteed to be free of defect in material and workmanship for 12 months according to local regulatory requirements. This product is not subject to guarantee from third-parties and is subject to change. Brunton will repair or replace with a new equivalent, without charge for parts or labor, per Brunton's discretion. Brunton cannot be held responsible for accidents, damages or injury occasioned by the use of this product. Warranty will be rendered invalid if product is damaged by tampering, negligence, or misuse.

To obtain service, please contact BRUNTON for a return authorization (RA) number. Please be prepared to provide contact name, address and phone number, and a description of the problem.

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## SPECIFICATIONS

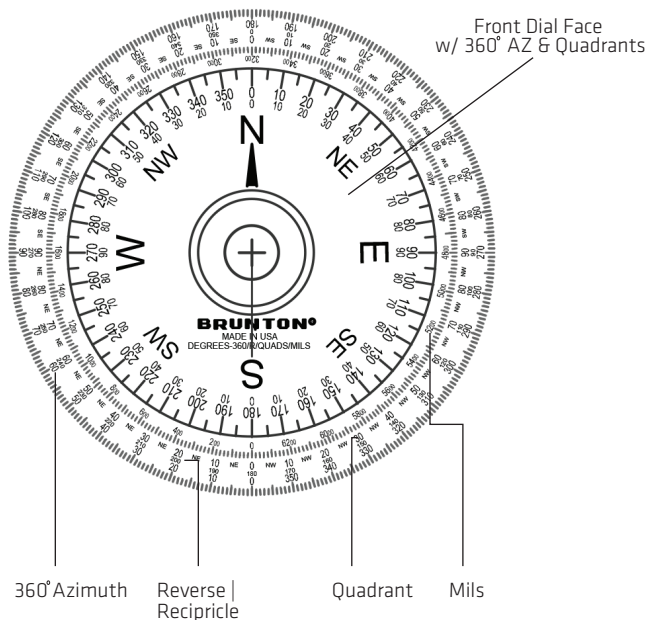
- Anodized aluminum housing with rubber bump cover and leather case.
- Aluminum card with 360 degree azimuth, reciprocal bearing, quadrants, and MILS
- 10x magnification adjustable lens.
- 1/2° accuracy
- Sapphire jewel with anti static dampening fluid.

# OmniSight User Manual

- 1** OUR STORY
- 2** INSTRUCTIONS FOR USE
- 3** PLOTTING LOCATION
- 4** BALANCE | INCLINATION
- 5** DECLINATION
- 6** SPECIFICATIONS
- 7** WARRANTY

## INDESTRUCTIBLE SINCE 1894

At Brunton, we come to work with a clear vision: remove any obstacles that stand between our customers and their passion to stay outdoors. It's been this way since 1894, when D.W. Brunton created the now legendary Pocket Transit a compact, precision compass that continues to give outdoorsman the confidence to push beyond the beaten path. Today, this spirit of indestructible innovation lives in the form of professional-grade solutions as tough and diverse as the rugged Rocky Mountains that we've called our laboratory for over 125 years. Our goal is to build products as tough as the people who get to use them and to allow these users to push themselves and our products to extend their adventure.



## BALANCE | INCLINATION

Earth's vertical magnetic field has a tendency to incline compasses and therefore instruments are balanced against the magnetic inclination for the location of use. This allows the card to rest horizontally and move without hindrance. Since the balance is made in production, the location of use should correspond to the particular balance of that OmniSight model. Designations for equatorial zones are -ME and for Southern zones are -MS . Northerly zones have no designation in the part number.

## DECLINATION

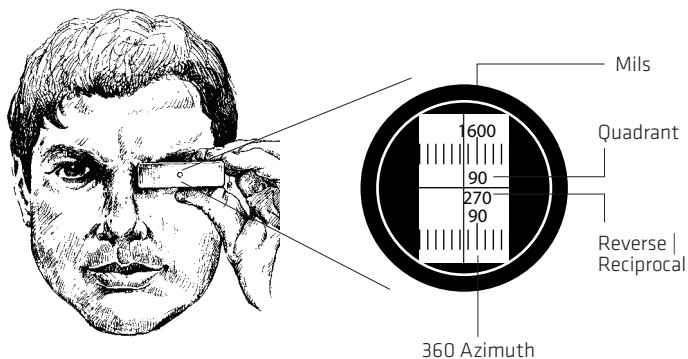
OmniSight compasses are adjusted at the factory to magnetic north with  $1/2^\circ$  precision. Geographic North differs from magnetic North based upon your location on the globe. Bearing obtained with the compass should be corrected with the local declination or variance.

## INSTRUCTIONS FOR USE

View through the optical lens and aim at your target object or direction of travel. With both eyes open, the hairline can be seen to 'stand up' from the compass housing making it easy to accurately read the correct bearing toward the object due to optical illusion. (see figure 1). You can focus the lens on your desired scale by turning the eyepiece. Choose between different scales based on the labels in figure 1.

Bearings can also be taken using the OmniSight as an auxiliary compass, but greater accuracy is always achieved when using the optical sighting system. Simply level the compass in position to view the dial from above and read the bearing at the lubber line.

FIGURE 1



## CAUTION

Some users who suffer from an eye condition called heterophoria (misalignment of the eye axis) may get incorrect bearing when reading the compass with both eyes. This can be checked as follows: take a bearing to an object with both eyes open. Then close the eye not sighting through the compass. If the bearing does not shift or change dramatically, there is no heterophoria and bearings can be taken with both eyes open.

## PLOTTING LOCATION

Aim at two fixed landmarks that likewise are distinguishable on a map/chart for example the lighthouse at direction  $20^\circ$  and landmark at  $330^\circ$  (as pictured in figure 2). Then draw straight lines along the reverse bearings of  $20^\circ$  and  $330^\circ$  ( $200^\circ$  and  $150^\circ$ ) from the lighthouse and the landmark on the chart. The intersection point of these lines indicates your location. Your distance from above mentioned fixed points can be determined either from measuring on the chart or with trigonometric calculations.

FIGURE 2

