



# Handheld<sup>500</sup>

Easy to use

Range up to 2500 meters

Immediate and long-lasting results

Animal and environmentally friendly

Rugged design



**Handheld 500** the ultimate solution for long range bird nuisance



## Handheld 500 features

### Advanced laser technology

Birds perceive the Handheld's laser spot as an approaching physical danger. Once they perceive the laser spot, they fly away in search of safer ground and, in contrast to conventional methods of bird deterrence, there will be no habituation. After consistent use of the Handheld, birds will perceive the controlled area as unsafe and will not return.

Bird Control Group dedicated years of research to develop the ultimate laser beam. This goal was achieved through the application of a combination of highly precise optics, filtering and light frequencies. The result is exceptional performance in bird repelling over long distances.

### Red dot sight

To make operation over long distances more accurate and safe, the Handheld 500 is equipped with a red dot sight. The sight makes it possible to accurately aim the Handheld at a desired target before activating the laser.

### Key lock system

To prevent unauthorized use of the equipment, the Handheld 500 is equipped with a key lock system.

### Rugged design

The Handheld 500 has a robust design to ensure effectiveness in demanding situations. The shockproof cover protects the laser from damage from falls and dust exposure. Therefore, the laser can be used in a wide variety of environments.

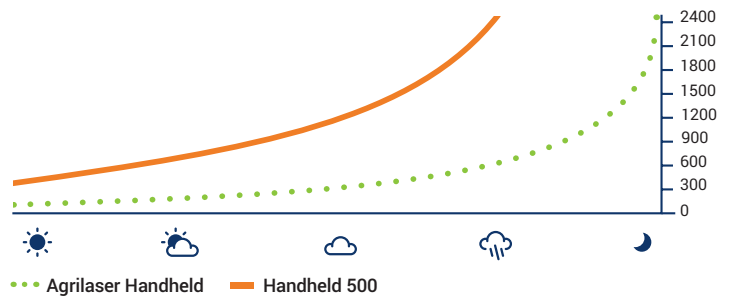


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## Technical specifications

<b>Laser beam color</b>	Green
<b>Service life laser source</b>	5,000 h
<b>Power source</b>	2 x RCR123a Lithium Ion battery 1 x CR2032 battery (scope)
<b>Operating voltage</b>	7.4 VDC
<b>Power Consumption</b>	6 W
<b>Dimensions (L x W x H)</b>	427 (16.8) x 76 (3.0) x 83 (3.3) mm (in)
<b>Weight</b>	880 g (31.0 oz.)
<b>Operating temperature</b>	-10 °C to 35 °C (14 °F to 95 °F)

### Estimated range for effective bird dispersal



The Handheld comes in two models with different laser output power: Agrilaser Handheld and Handheld 500. Choosing the right model is essential in order to generate a laser projection with sufficient contrast for effective bird dispersal.

**Light conditions:** A higher laser output power is recommended for use during bright light conditions.

**Distance and beam angle:** A higher laser output power balances out the loss of contrast due to spreading of the laser beam over a larger surface area.

**Local environmental conditions (albedo):** A higher laser output power is recommended for use in an environment with light absorbing surfaces.

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The Handheld 500 is designed and manufactured by:

**Bird Control Group**

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