



TECHNICAL SPECIFICATION

# Agrilaser - Handheld, 200 & 500

Easy to use

Range up to 2500 meters

Immediate and long-lasting results

Animal and environmentally friendly

Rugged design



**Agrilaser the ultimate solution for long range bird nuisance**

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### Agrilaser Handheld 200 | 500 features

#### Advanced laser technology

Birds perceive the Agrilaser 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 Agrilaser 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 Agrilaser Handheld is equipped with a red dot sight. The sight makes it possible to accurately aim the Agrilaser Handheld at a desired target before activating the laser.

#### Key lock system

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

#### Rugged design

The Agrilaser Handheld 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.



WARNING – LASER RADIATION  
AVOID EXPOSURE TO BEAM  
CLASS 3B LASER PRODUCT

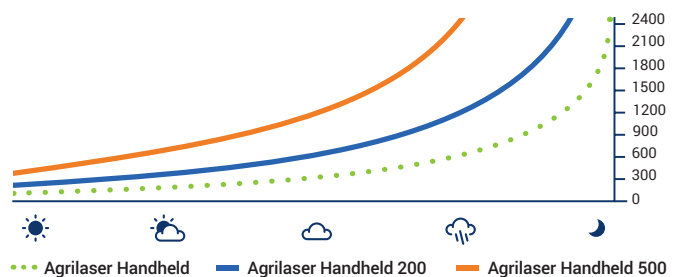
MAXIMUM OUTPUT <math>4500 \text{ mW}</math>  
WAVELENGTH 532 nm  
CLASSIFIED TO IEC EN 60825-1:2014

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### Technical specifications

Laser beam color	Green
Service life laser source	5,000 h
Power source	1 x Rechargeable lithium ion 18650 battery 1 x CR2032 battery (scope)
Power input	3 VDC - 3.6 VDC
Energy consumption	4 W
Dimensions (L x W x H)	17.9 x 2.6 x 3.1 in
Weight	915 g (32 oz)
Operating temperature	-10 °C to 35 °C (14 °F to 95 °F)

#### Estimated range for effective bird dispersal



The Agrilaser Handheld comes in three models with different laser output power: Agrilaser Handheld, Handheld 200 and 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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