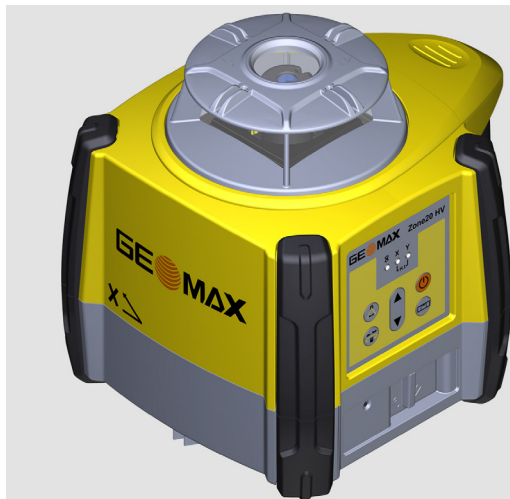


# GeoMax Zone20 HV

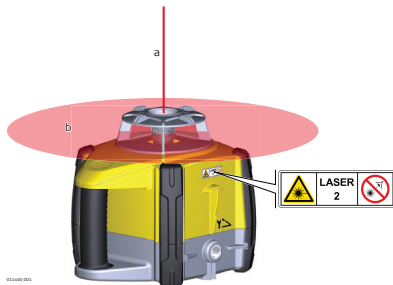


**Quick Guide**  
Version 1.3

# 1 Important Information about your Instrument



## Labelling



a), b) Laser beam

Laser Radiation  
Do not stare into the beam  
Class 2 Laser Product  
according to IEC 60825-1  
(2014 - 05)

$P_{av} = 2.1 \text{ mW}$

$\lambda = 635 \text{ nm}$

$tp = 1.1 \text{ ms}$

|                                                                                                                                                                         |                                                                                   |                                                                                                                                                                                                                                                                  |                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                        |  | <br> =  |                                                                                                                                                                            |
|  0/I  |  |              |                                                                                         |
|  1x   |  |              | <br> |
|  2x   |  |              |      |
|  3x   |  |              |      |

|                             |                   |  |  |
|-----------------------------|-------------------|--|--|
|                             |                   |  |  |
| <b>0/I</b>                  | <b>X</b> <b>Y</b> |  |  |
| <b>1x</b>                   | <b>X</b> <b>Y</b> |  |  |
| <b>2 rps, 5 rps, 10 rps</b> |                   |  |  |
| <b>5°/10°/20°/30°</b>       |                   |  |  |



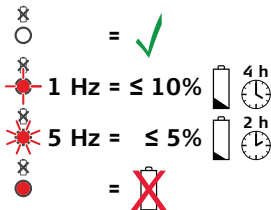
H.I. ALERT



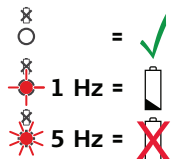
+  5 Hz =



### Battery (Li-Ion)



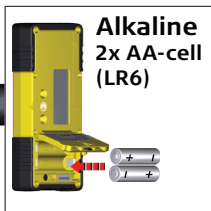
### Battery (Alkaline)



**ZRB35**

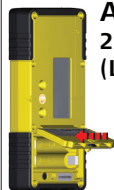
 $\frac{0}{1}$ 

 $\pm 1 \text{ mm}, \pm 3 \text{ mm}$ 

**ZRP105**

 $\frac{0}{1}$ 

 $\pm 1 \text{ mm}, \pm 2 \text{ mm}, \pm 3 \text{ mm}$ 


**ZRD105**



**Alkaline  
2x AA-cell  
(LR6)**



**%<sub>I</sub>**

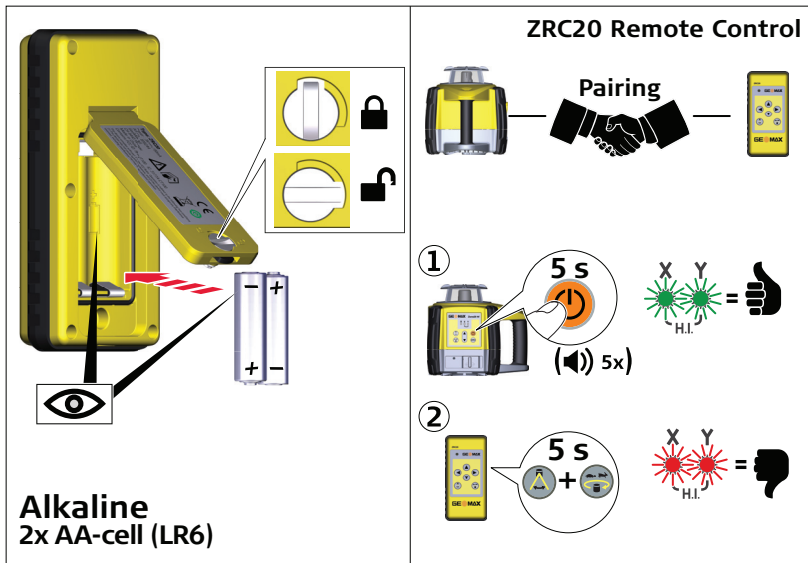


**±0.5 mm, ±1 mm,  
±2 mm, ±3 mm, ±5 mm**

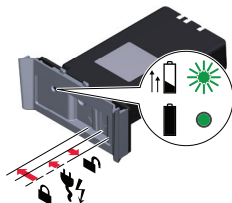


**1x**

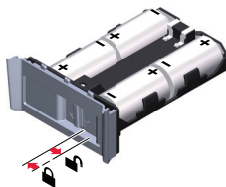


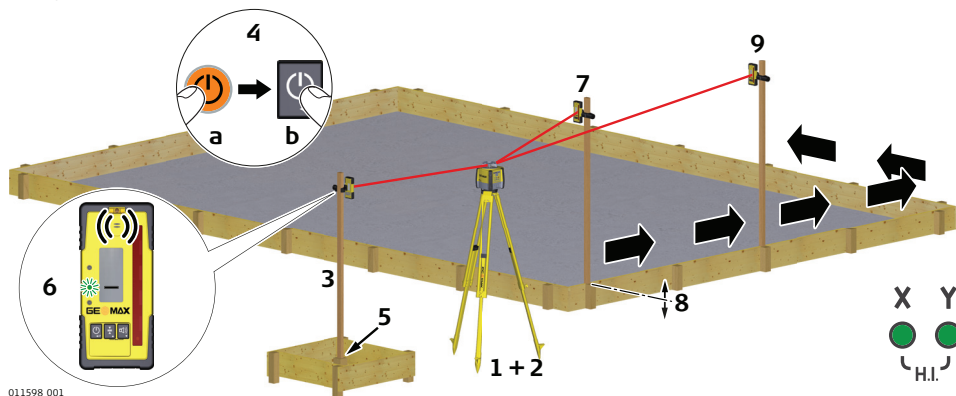


**Li-Ion**



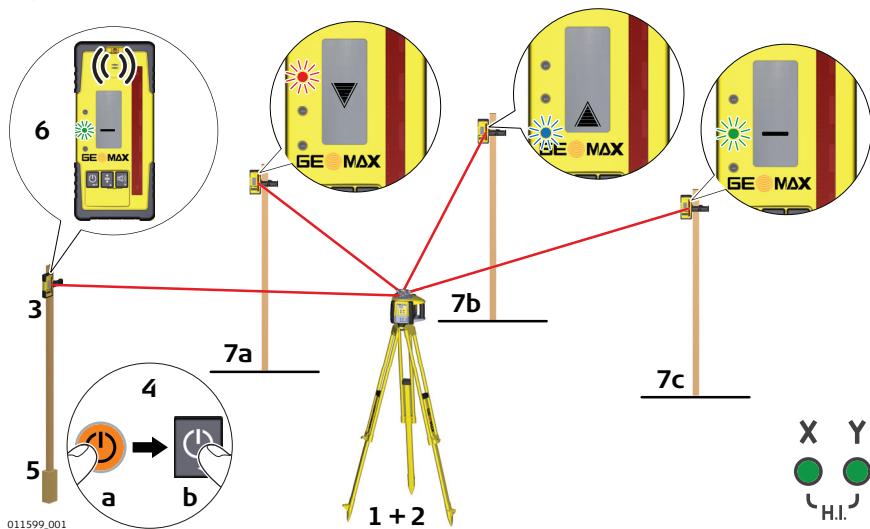
**Alkaline**  
4x D-cell (LR20)

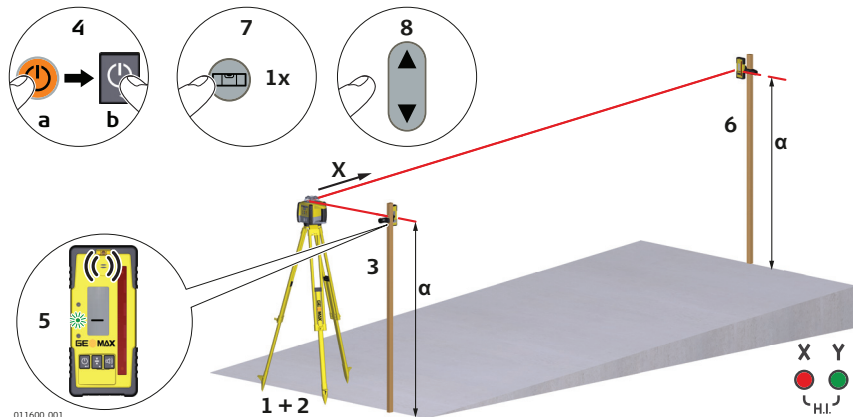


**Setting Forms**


011598.001

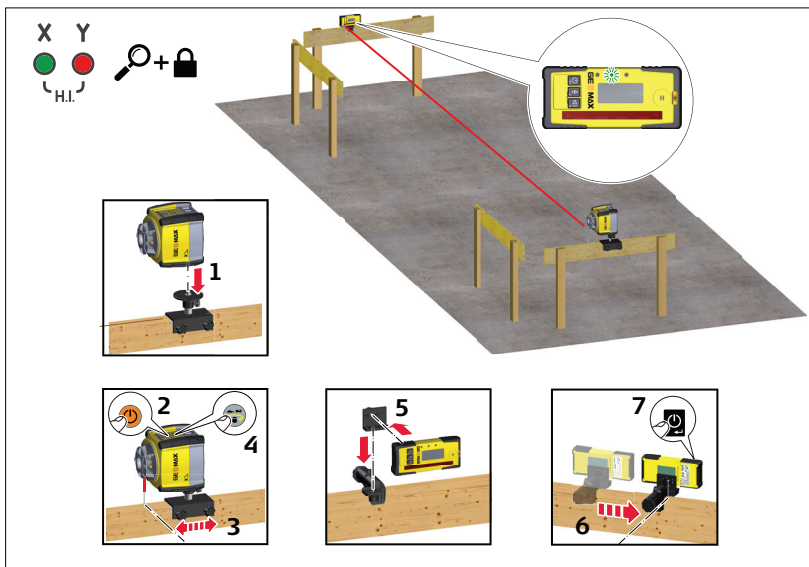
## Checking Grades

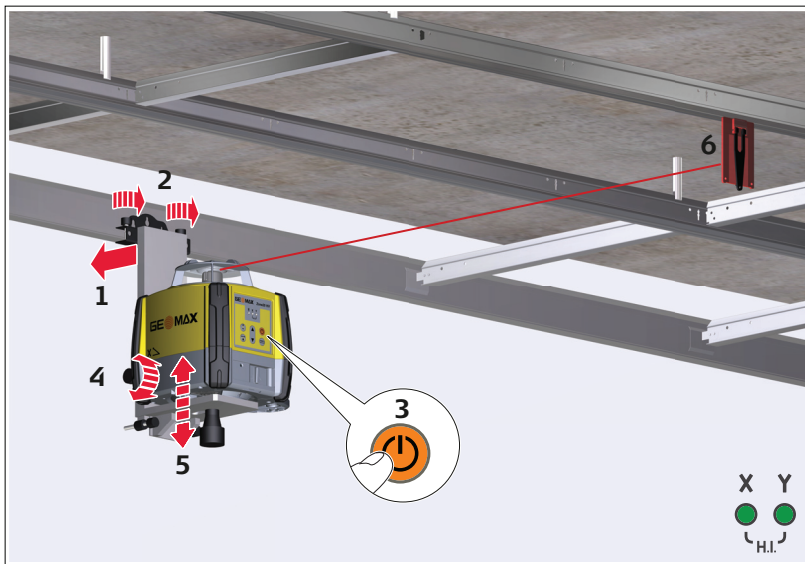


**Manual Grading**


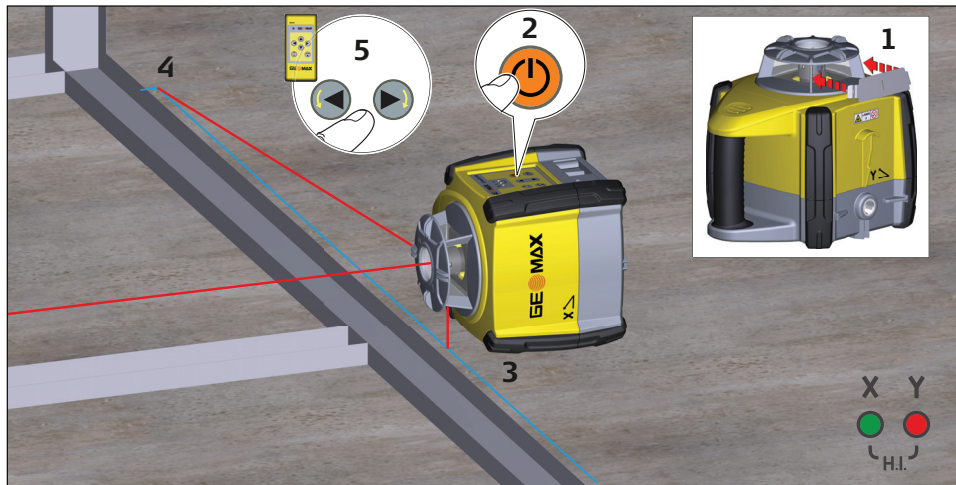
011600\_001

## Batter Boards



**Suspended Ceilings**


## Layout



**Conformity to  
National Regula-  
tions**

- FCC Part 15 (applicable in US)
  -  Hereby, GeoMax, declares that the product/s is/are in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC and other applicable European Directives. The declaration of conformity may be consulted at <http://www.geomax-positioning.com/Downloads.htm>.  
Class 1 equipment according European Directive 1999/5/EC (R&TTE) can be placed on the market and be put into service without restrictions in any EEA member state.
  - The conformity for countries with other national regulations not covered by the FCC part 15 or European directive 1999/5/EC has to be approved prior to use and operation.
-

## Dangerous Goods Regulations

The products of GeoMax are powered by Lithium batteries.

Lithium batteries can be dangerous under certain conditions and can pose a safety hazard. In certain conditions, Lithium batteries can overheat and ignite.



When carrying or shipping your GeoMax product with Lithium batteries onboard a commercial aircraft, you must do so in accordance with the **IATA Dangerous Goods Regulations**.



GeoMax has developed **Guidelines** on “How to carry GeoMax products” and “How to ship GeoMax products” with Lithium batteries. Before any transportation of a GeoMax product, we ask you to consult these guidelines on our web page (<http://www.geomax-positioning.com/dgr>) to ensure that you are in accordance with the IATA Dangerous Goods Regulations and that the GeoMax products can be transported correctly.



Damaged or defective batteries are prohibited from being carried or transported onboard any aircraft. Therefore, ensure that the condition of any battery is safe for transportation.

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# GeoMax Zone20 HV Series



Laser class 2 product in accordance with  
IEC 60825-1 (2014-05)



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