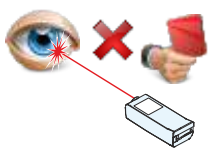
# hedue® EM1 / EM2

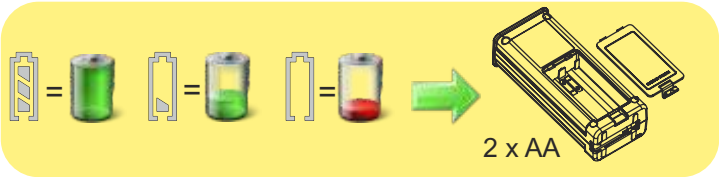
Art.Nr. E812 / E813

# Quick Start

www.hedue.de/manual.aspx?artnr=E812

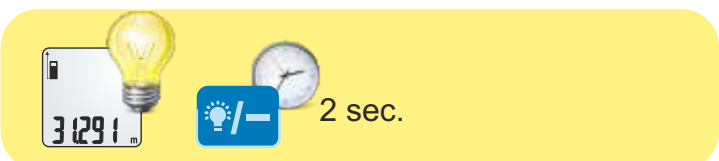


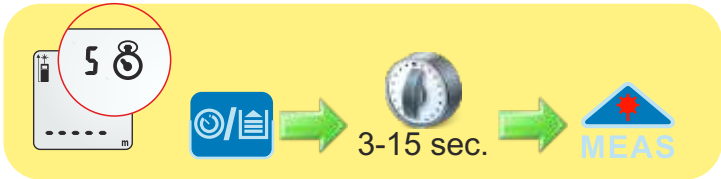


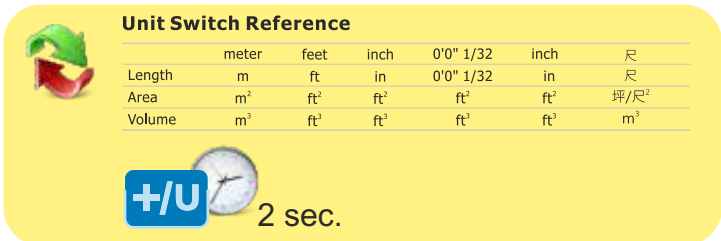


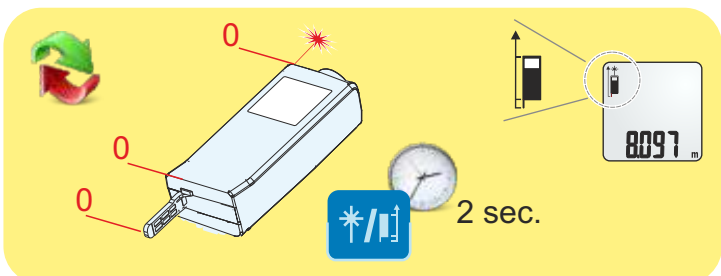


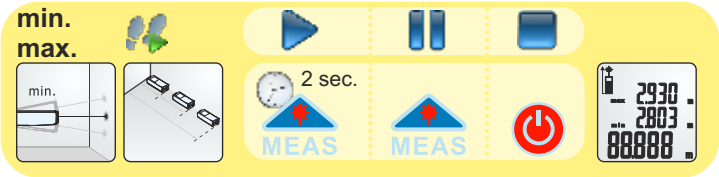


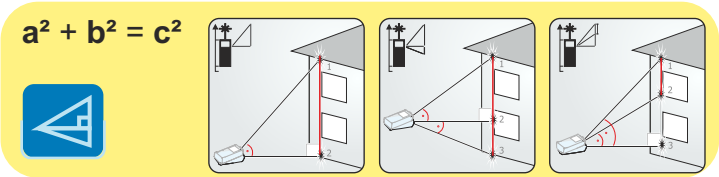


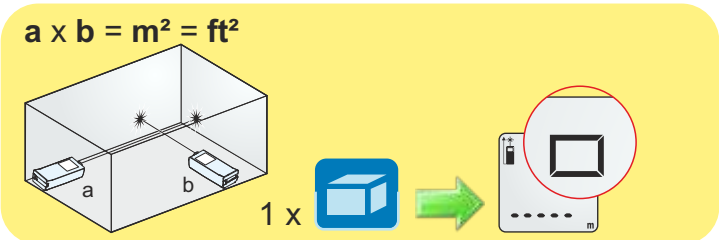



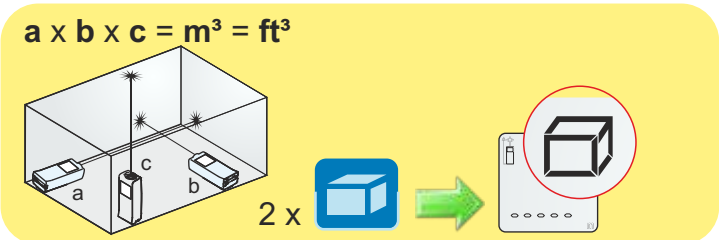



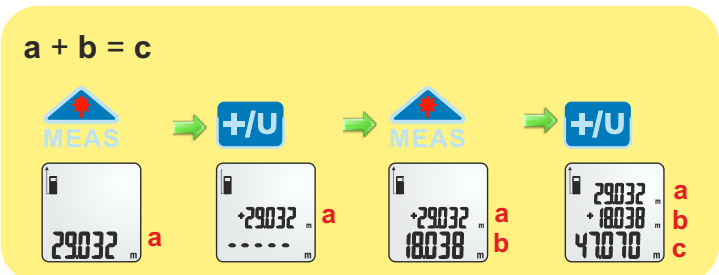



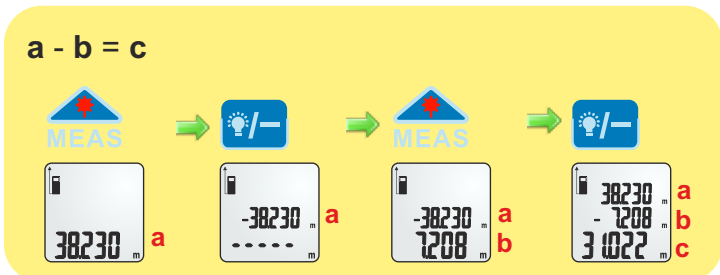



| Specification | EM1 | EM2 |
|---|---|---|
| Measure Range* | 0.05M ~ 50M | 0.05M ~ 70M |
| Resolution | 0.001M | 0.001M |
| Accuracy* | ±1.5mm | ±1.5mm |
| Measure Speed* | 0.5 sec. | 0.5 sec. |
| Laser Type | 650nm, Class 2, <1mW | 650nm, Class 2, <1mW |
| Beam Size | 25mm@30M | 25mm@30M |
| Battery | 2 x AA Batteries | 2 x AA Batteries |
| Battery Life | Up to 10,000 measures | Up to 10,000 measures |
| Dimension | 114mm x 47mm x 32mm | 114mm x 47mm x 32mm |
| Operation Temperature | -5℃ ~ 40℃ | -5℃ ~ 40℃ |
| Storage Temperature | -20℃ ~ 60℃ | -20℃ ~ 60℃ |
| Automatic switch-off | | |
| -Laser | 30 seconds | 30 seconds |
| -Device | 180 seconds | 180 seconds |

* The working range and accuracy depend on how well the energy of laser is reflected from the target surface.

## Error Code

| Code | Description | Solution |
|---|---|---|
| Err01 | Out of measuring range | Measure in a proper range |
| Err02 | Reflected signal is too weak | Select a better surface |
| Err03 | Out of display range (max value: 99999), e.g: result of area or dimension is out of display range. | Divide calculation into intermediate steps |
| Err04 | Pythagorean calculation error | Check and verify values and steps are correct |
| Err05 | Low Battery | Install a new battery |
| Err06 | Out of working temperature | Measure in an environment within specified working temperature |
| Err07 | Ambient light is too strong | Measure in a darker place (shadow target) |