

### Save values (constants)

Measure/ calculate desired value (e.g. height of room, area, volume).



Press longer.



starts to blink on the display.

With key [+ / -] adjust value as desired (e.g. from 2.297m to 2.300m).



For larger steps press and hold additionally.



Press to adjust unit (°/°).



Confirm.



and a number (=memory location) starts to blink.

With key [+ / -] select memory location (1-10).



Save value.

### Recalling the constant



Press briefly.



and the contents of the first constant memory location are displayed (e.g. 2.300m).

With key [+ / -] select desired memory (1 to 10).



Confirm; value is ready to be used for (e.g. calculating an area).

### Memorizzazione valori (costanti)

Misurare/calcolare il valore desiderato (ad es. altezza ambiente superficie, volume).



Premere a lungo.



Lampeggia sul display.

Con il tasto [+ / -] aggiustare il valore come desiderato (ad es. da 2.297m a 2.300m).



Tenere premuto questo per incrementi maggiori.



Premere per adeguare la dimensione (°/°).



Confermare



e una cifra (=memoria) lampeggia.

Selezionare la memoria (1-10) con il tasto [+ / -].



Salvare il valore.

### Richiamo della costante



Premere brevemente.

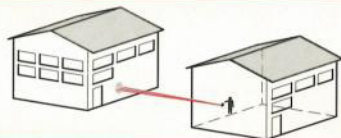


Il contenuto della prima memoria per le costanti compare sul display (es. 2.300m).

Selezionare la memoria desiderata (da 1 a 10) con il tasto [+ / -].



Confermare, il valore è pronto per essere riutilizzato (es. calcolo della superficie).



### Tracking - Minimum



Press until



appears on the display.

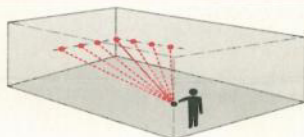
### Tracciamento - Minimo



Premere finché



questo simbolo compare sul display.



### Tracking - Maximum



Press until



appears on the display.

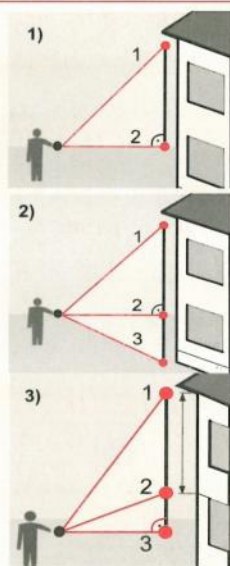
### Tracciamento - Massimo



Premere finché



compare con il display.



### Pythagoras, height/ width measurement

#### 1) Determination with two points



Press until



appears on the display; laser is activated and "1 ---" starts blinking.

2 Messungen ausführen.

#### 2) Determination with 3 points



Press until



appears on the display; laser is activated and "1 ---" starts blinking.

3 Messungen ausführen.

#### 3) Determination of a partial height with 3 points



Press until



appears on the display; laser is activated and "1 ---" starts blinking.

3 Messungen ausführen.

### Pitagora, misura delle altezze e delle larghezze

#### 1) Determinazione con due punti



Premere finché



compare sul display, il laser è acceso e lampeggia "1 ---".

Eseguire 2 misure.

#### 2) Determinazione con 3 punti



Premere finché



compare sul display, il laser è acceso e lampeggia "1 ---".

Eseguire 3 misure.

#### 3) Determinazione di un'altezza parziale con 3 punti



Press until



appears on the display; laser is activated and "1 ---" starts blinking.

Eseguire 3 misure.

## Technical Data

|  |   |
|--|---|
| Measuring accuracy (2x standard deviation) | typ.: ± 3mm / max.: ± 5mm                                 |
| Smallest unit displayed                    | 1mm   |
| Range                                      | 0.2m up to 200 m **                                       |
| Time for a measurement dist / trc          | 0.5 ...ca.4s / 0.16 ...ca.1s                              |
| ∅ Laser spot (at distance)                 | 6 / 30 / 60 mm (10 / 50 / 100 m)                          |
| Integrated telescopic viewfinder           | ✓   |
| Illumination                               | ✓   |
| Multiline display                          | ✓   |
| Multifunctional bumper                     | ✓   |
| Time delay release                         | ✓   |
| Pocket calculator                          | ✓   |
| Tracking                                   | ✓   |
| Constant                                   | 10 values   |
| min. / max. Tracking.                      | ✓   |
| Pythagoras                                 | ✓   |
| Memory (Stack)                             | 15 Werte  |
| Battery, Type AA, 2x 1.5V                  | up to 10'000 measurements (only with Alkaline batteries!) |
| Splash and dust proof                      | IP54 acc. IEC529: splash proof, dust proof                |
| Dimension and weight                       | 172 x 73 x 45 mm, 335g                                    |
| Measuring accuracy of bubble               | 1"  |
| Temperature range                          |   |
| Storage                                    | -25°C to +70°C (-13°F to +158°F)                          |
| Operating                                  | -10°C to +50°C (-14°F to +122°F)                          |

All rights reserved to make technical changes.

\* Display unit as off 100m : 1 cm

\*\* At long range ± 5 ppm (± 0,5mm/ 100 m) plus short range error.

## Message Codes

### Error message



appears beside the message number on the display.

| Message Code | Cause   | Remedy                                     |
|--------------|---|--|
| 203          | Wrong sequence with Pythagoras meas.                                  | Carry out measurement in correct sequence  |
| 204          | Calculation error   | Repeat procedure                           |
| 252          | Temperature too high, above 50°C (measuring)                          | Cool down instrument                       |
| 253          | Temperature too low, below -10°C (measuring)                          | Warm up instrument                         |
| 255          | Receiver signal too weak, measurement time too long, distance <200 mm | Use target plate measurement time >10 sec. |
| 256          | Received signal too powerful  | Use target plate (correct side)            |

| Message Code | Cause  | Remedy                |
|--------------|--|-----------------------|
| 257          | Wrong measurement, ambient brightness too high | Use target plate      |
| 260          | Laser beam interrupted                         | Repeat measurement    |
|              | All other messages                             | Call service "System" |

In case of this message switch on/off instrument several times and check if message is still displayed. Then call service and specify the message displayed.

### Care

Look after the optical surfaces with the same care that you would apply to spectacles, cameras and field glasses.



More and detailed information about DISTO classic<sup>5</sup> can be found in the respective User Manual.

To use the DISTO in the permitted manner, please refer to the detailed safety instructions in the User Manual.

Per informazioni dettagliate sul DISTO classic<sup>5</sup> consultare il relativo Manuale d'Uso.

Per utilizzare l'DISTO nella maniera consentita, fate riferimento alle norme particolareggiate di sicurezza nel Manuale d'Uso.

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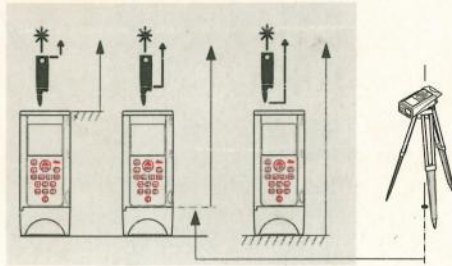


**Keypad**

- |                                |                         |
|--------------------------------|-------------------------|
| 1 Illumination                 | 9 Clear                 |
| 2 Measuring                    | 10 On/off key           |
| 3 Meas. reference              | 11 Equals, Enter        |
| 4 Areas, Volumes               | 12 Minus [ - ]          |
| 5 Distance measuring, Tracking | 13 Pythagoras functions |
| 6 Multiply [ x ] / Timer       | 14 min. / max. Tracking |
| 7 Plus [ + ]                   | 15 Memory, Stack        |
| 8 Menu                         |                         |

**Tastiera**

- |                                       |                             |
|---------------------------------------|-----------------------------|
| 1 Luce                                | 9 Clear                     |
| 2 Misura                              | 10 Tasto ON/OFF             |
| 3 Piano di misura                     | 11 Effettivo-uguale, Enter  |
| 4 Superfici, volumi                   | 12 Meno [ - ]               |
| 5 Misura della distanza, tracciamento | 13 Funzioni Pitagora        |
| 6 Moltiplicazione [ x ] / Timer       | 14 Tracciamento min. , max. |
| 7 Più [ + ]                           | 15 Memoria, Stack           |
| 8 Menu                                |                             |



**Reference setting**

Press until desired reference setting appears.

**Possible settings:**

front stand rear

Changes are lost when instrument is switched off.

Basic setting: rear reference

**Impostazione del piano di misura**

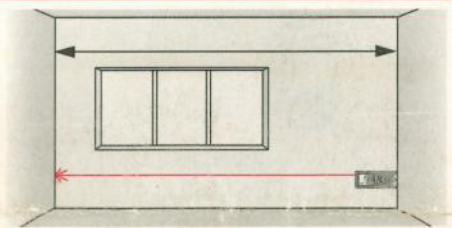
premere finché compare il piano di misura desiderato.

**Possibili impostazioni:**

Anteriore Treppiede Posteriore

L'impostazione rimane invariata fintanto che non cambia il piano di misura o l'apparecchio viene spento in modo automatico o manuale.

Impostazione di base: Piano di misura dietro



**Measuring**

**Distance measurement**

Press and the laser is switched on, the instrument is in "Pointing Mode".

A second press starts the distance measurement.

The result is displayed immediately in the selected unit.

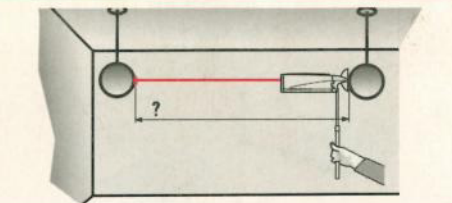
**Misure**

**Misura della distanza**

premere, il laser si accende, l'apparecchio si trova in "Modalità di Puntamento".

Premendo una seconda volta, viene eseguita la misura della distanza.

Il risultato viene subito visualizzato nell'unità selezionata.



**Time delay release**

Instrument must be in Pointing Mode.

Press and hold until desired time delay has been reached (max. 60 seconds).

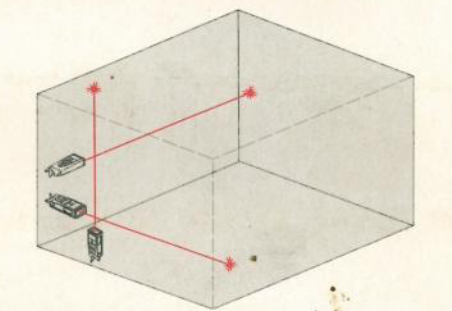
appears on the display.

**Autoscatto**

L'apparecchio deve trovarsi nella modalità di puntamento.

Tenere premuto fino a raggiungere il tempo di attesa desiderato (max. 60 secondi).

Compare sul display.



**Area**

Press until

appears on the display. The side to be measured blinks.

Make 2 measurements (l x w).

**Volume**

Press until

appears on the display. The side to be measured blinks.

Make 3 measurements (l x w x h).

**Superficie**

Premere finché

compare sul display. Il lato da misurare lampeggia.

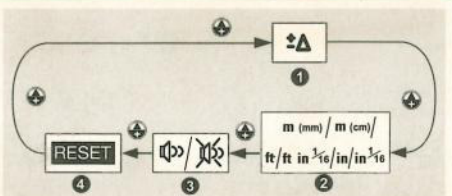
Eseguire 2 misure (L x L).

**Volume**

Premere finché

compare sul display. Il lato da misurare lampeggia.

Eseguire 3 misure (L x L x h).



**Menu/ Settings**

- 1 Measure with offset (add/reduce)
- 2 Selecting measuring units
- 3 Beep
- 4 Reset

**Menu/ Impostazioni**

- 1 Misura con aggiunta/sottrazione di una tolleranza
- 2 Impostazione dell'unità
- 3 Bip
- 4 Reset

- m (mm) = 0.000 m
- m (cm) = 0.00 m
- ft = 0.00 ft
- ft in 1/16 = 0.00 1/16 ft in
- 14' 06" 1/16 = ' " 1/16
- in = 0.0 in
- in 1/16 = 0 1/16 in

**Selecting units**

Selectable units:

**Impostazione delle unità**

Possibili unità: