

Leica DISTO™

Precise measurements –
Exactly what you need.



SITE PROOF
by Leica Geosystems

- when it has to be **right**

Leica
Geosystems

Measuring with the Leica DISTO™ Simple, quick and accurate!



■ Quick and efficient

You can measure distances at the touch of a button, in just a few seconds – even when working on your own. Saving you time and money.

■ Precise and reliable

The laser makes it possible for you to measure distances precisely to the millimetre.

■ Safe and modern

You can avoid dangerous measurement situations and potential associated accidents. Use the modern technology of today.

Which Leica DISTO™ is the right one for me?

	DXT	D2	D3a	D3a BT	D5	D8
Distance measurements including area, volume and continuous measurement	✓	✓	✓	✓	✓	✓
Addition and subtraction of distances, areas and volumes	✓	✓	✓	✓	✓	✓
Indirect height and distance measurement to inaccessible places	✓	✓	✓	✓	✓	✓
Automatic calculation of room dimensions e.g. wall and ceiling areas	✓		✓	✓	✓	✓
Measurement of tilts			± 45°	± 45°	± 45°	360°
Measure horizontal distances, even past obstacles			✓	✓	✓	✓
Target far-off objects in very bright conditions using the digital Pointfinder					✓	✓
Measurement of roof slopes and facade areas					✓	✓
Measure heights without a reflection point						✓
Determine spot heights and ground profiles						✓
Particularly robust, dust tight and protected against jets of water.	✓					
Data transmission by BLUETOOTH®				✓		✓
	Mainly indoors				In and outdoors	

Leica DISTO™

DXT

Tough enough?

■ **Robust**

The sensitive measuring elements are protected by solid rubber parts. The Leica DISTO™ DXT is therefore particularly resistant.

■ **IP 65**

The housing and keypad are specially sealed against water and dust. Cleaning under running water is also no problem.

■ **Multifunctional end-piece**

Whether measuring out of corners, slots or from edges, with this endpiece you are prepared for all measuring situations. The instrument detects the endpiece automatically, which helps you avoid expensive measuring errors.





The room height is obtained effortlessly at the press of a key.



Extremely robust with IP 65 protection.



The Leica DISTO™ DXT has a diverse range of functions, e.g. addition, subtraction, area, volume, Pythagoras, continuous measurement, min/max measurement.

Your advantages at a glance

Measuring range 0.05 to 70 m Typ. accuracy ± 1.5 mm	Precise, quick and reliable measurements
Sealed keypad	For measurements in extremely dusty environments. Easy to clean under running water.
Solid rubber housing	Withstands drop tests from 2 m height
Hard-wearing, illuminated display	Measured values can be read, even in the dark
Flip-out end-piece with automatic detection	Reliable, trouble free and error free measurement from edges or out of corners
Minimum and maximum measurement function	Horizontal and diagonal measurements, e.g. in corners.
Room dimensions	Values such as total wall length, wall and ceiling area are available at the touch of a button
Continuous measurement	Simple and quick staking out
IP 65	Dust tight and protected against jets of water

Leica DISTO™

D2

THE SMALLEST
LASER DISTANCE METER
IN THE WORLD!

Is it that small?

■ Small and handy

Thanks to its ergonomic and compact design with soft grip, the Leica DISTO™ D2 sits securely in your hand, is lightweight and fits into any pocket.

■ Clear display

The comprehensive measurement results are clearly displayed on three lines. Easily readable, even in the dark, thanks to the illuminated display.

■ Simply clever

Minimum/maximum measurements, tracking and storage of results make your work easier.





Quick and easy – measure distances and calculate areas or volumes at the touch of a button.



Measuring from edges or corners – with the flip-out end-piece you are equipped for any measurement situation.



The illuminated display makes your measurement results clearly readable, even in the dark.

Your advantages at a glance	
Measuring range 0.05 m up to 60m typ. accuracy ± 1.5 mm	Precise, quick and reliable measurements
Shortcut keys	Easy-to-use and rapid access to frequently used functions
Illuminated 3-line display	Measured values can be read even in the dark
Flip-out end-piece	Measure from edges or corners
Time delay release	Measure without shake
Stake out function	Stake out equal distances
Pythagoras functions	Indirect height and width measurements at inaccessible positions
IP 54	Splash and dust proof

Leica DISTO™

D3a

Can it measure
that accurately?

■ **Precision at the touch
of a button**

For everyone who needs to be really accurate: Leica DISTO™ D3a has an accuracy of ± 1.0 mm.

■ **Tilt measurement**

Using the integrated tilt sensor you can quickly determine tilts up to $\pm 45^\circ$.

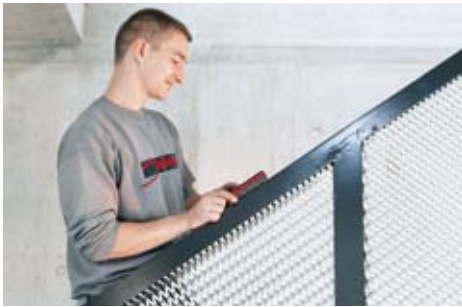
■ **Smart Horizontal Mode™**

Thanks to the combination of distance and tilt measurements you can determine the horizontal distance absolutely precisely and simply – even past obstructions.

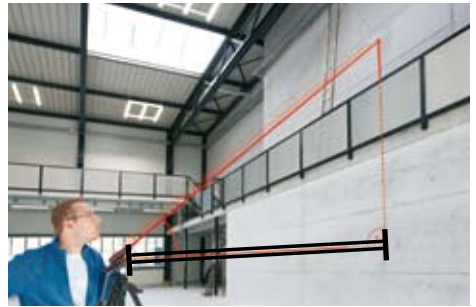




Thanks to a wealth of functions, you are equipped for any measurement situation.



Measure tilts up to $\pm 45^\circ$ quickly and simply



Indirect height measurements using Pythagoras functions.

Your advantages at a glance

Measuring range 0.05 to 100m Typ. accuracy $\pm 1.0\text{mm}$	Precise, quick and reliable measurements
Smart Horizontal Mode™	Determine precise horizontal distances with one touch
Tilt sensor	Measure angles up to $\pm 45^\circ$ at the touch of a button
Flip out end-piece with automatic detection	Reliable, trouble free and error free measurement from edges or out of corners
Pythagoras functions	Indirect height and width measurements in inaccessible places
Room dimensions	Values such as total wall length, wall and ceiling area are available at the touch of a button
Stake out function	Stake out equal or two different recurring distances
Triangle function	Determine the area of a non square room efficiently

Leica DISTO™

D3a BT

Can it transfer
data simply?

■ **Error free data transfer**

You can transfer your measurement data directly to your PC with the integrated BLUETOOTH® technology and avoid expensive typing errors.

■ **Navigation keys**

Using the navigation keys on the DISTO™ you can control the movements of the cursor on your Pocket PC or PC.

■ **Free software**

The data transfer software "Leica DISTO™ Transfer" is included – simple to install and with automatic updates.





Measure distances in just a few seconds and use them immediately in your Pocket PC or PC.



Professional dimensions can be taken even to inaccessible places.



Smart Horizontal Mode™ – measure distances absolutely horizontally, even past obstructions.

The Leica DISTO™ D3a BT has all the characteristics of the DISTO™ D3a. In addition it offers the following advantages:

BLUETOOTH®	Rapid, error free data transfer to your Pocket PC or PC
“Leica DISTO™ Transfer” software included	It's simple to process your data in Excel®, Word®, AutoCAD® or other Windows-based programs
Plug-in for AutoCAD® and Bricscad™	Convenient drawing using your AutoCAD® software
Navigation keys	Control cursor movements on your Pocket PC or PC using the DISTO™

Leica DISTO™

D5

WORLD FIRST:
DIGITAL POINTFINDER
WITH 4x ZOOM!

Outside viewing – no problem?

■ Strong outdoor performer

The in-built digital Pointfinder with 4x zoom makes aiming at long distances much easier. You can even carry out measurements in glaring sunlight.

■ Easy to read

Measurement results and supplementary information are comprehensively shown on the large colour display. The high image resolution provides a clear, sharp picture in the digital Pointfinder.

■ Integral tilt sensor

Using the tilt sensor you can also take indirect measurements. From this the horizontal distance can be derived in spite of obstructions.





The trapezium function provides you with a simple way of measuring roof slopes.



Indirect height-measurement: Window heights can be determined using the Pythagoras function.



Determine the horizontal distance in spite of obstructions. The tilt sensor makes it possible.

Your advantages at a glance	
Measuring range 0.05 m up to 200 m typ. Accuracy ± 1.0 mm	Precise, quick and reliable measurements
Digital Pointfinder with 4x zoom and high resolution colour display	Convenient measuring to distant objects, even in strong sunlight
Power Range Technology™	Measure long distances, up to 100m without and 200m with a target plate
Tilt sensor	Measure vertical angles up to $\pm 45^\circ$ at the touch of a button
Horizontal distance measurement using the tilt sensor	It's no problem to determine distances despite obstructions
Trapezium function	Simple and quick measurement of roof slopes and facade areas
Pythagoras functions	Indirect height and width measurements in inaccessible positions
Detailed display	Additional measurement information available at a touch of a button, e.g. angle information

Leica DISTO™

D8

Infinite combinations?

■ **360° tilt sensor**

The combination of angle and distance measurements allows you to determine distances where conventional methods fail.

■ **Error-free data transfer**

BLUETOOTH® and the supplied "Leica DISTO™ Transfer" software ensure that data transfer to pocket PCs and PCs is quick and error-free. The simple way to enter your results into Excel®, Word®, AutoCAD® and other programs for further processing.

■ **Strong outdoor performer**

Measure long distances simply and quickly thanks to the digital Pointfinder with its 4x zoom and high resolution colour display.



 **Bluetooth®**



Any tilt can be determined in the simplest of ways by placing the housing on the sloping surface.



The in-built digital Pointfinder provides you with an easy way to point precisely at long distance.



The BLUETOOTH® interface means you can transfer data quickly, without errors.

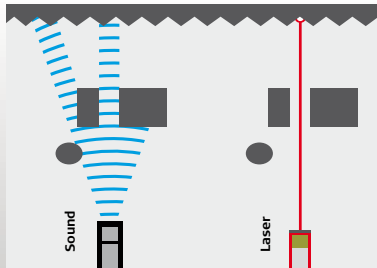
Your advantages at a glance	
Measuring range 0.05 m up to 200 m typ. accuracy ± 1.0 mm	Precise, fast and reliable measurements
BLUETOOTH®	Error-free and quick data transfer to Pocket PC or PC
"Leica DISTO™ Transfer" software is included	Easy transfer for further processing in Excel®, Word®, AutoCAD® or other Windows-based programs
Plug-in for AutoCAD® and Bricscad™	Convenient drawing using your AutoCAD® software
360° tilt sensor	Measure any slope, even overhead
Digital Pointfinder with 4x zoom and high resolution colour display	Convenient measurement of distant objects, even in bright sunlight
Indirect measurement functions with tilt sensor	Determine distances to objects that cannot be measured directly because they lack reflective points
Height profile measurements	Determine spot heights and ground profiles

Our Promise – Innovation by Tradition

More than 15 years ago Leica Geosystems brought out the first hand-held laser distance meter and revolutionised the world market. Since then we have set the standards for productivity in modern measuring. A lively spirit of innovation inspires our highly motivated development engineers to keep coming up with new ideas. They lead to products that win over the customer with their robustness, reliability and precision. Leica DISTO™ eases our customers' everyday tasks.



Measuring long distances thanks to Power Range Technology™ from Leica Geosystems.



Millimetre-accurate measurements – the laser makes it possible! An innovation from Leica Geosystems.

The highest demands

Satisfying customers' needs and fulfilling their expectations receives the highest priority at Leica Geosystems. We promise outstanding quality. We keep this promise by employing highly qualified specialists and working with the best partners. Only materials complying with the highest international standards are used in the manufacture of our products. Continuous tests during production guarantee consistently high quality.



Model range

The user can select his ideal model from the range of innovative laser distance meters manufactured by Leica Geosystems. The product portfolio is rounded off by some worthwhile accessories that allow you to complete your measurement tasks even more efficiently. As you would expect, we also offer the same spirit of innovation and promise of the highest quality with all our other products.

Warranty and customer service

Register your device with us within 8 weeks of purchase at www.disto.com and benefit from our 3-year warranty. Should a problem arise we normally deal with it in a simple way – your dealer will immediately replace a defective device with a new one, because time is money.

Represented worldwide

Leica Geosystems has a global network of dealers with numerous branches in Europe, Asia and America. We are always there for you. Never far away.

Leica DISTO™ Accessories



Softbag
Art. No. 667169



Arm holster
Art. No. 739200
For Pocket PCs:
Allowing handsfree
operation with
Leica DISTO™ D8.



**GLB30 Super light laser
visibility glasses 3 in 1**
Art. No. 780117
with 3 different lenses:
laser visibility glasses,
safety glasses, sun glasses



**Tripod Leica
TRI 100**
Art. No. 757938
Quality tripod with
very easy fine
adjustment.



**Stick-on
target plates
(45 mm x 100 mm)**
Art. No. 723 774
For fixing on edges

**Stick-on
target plates
(197 mm x 274 mm)**
Art. No. 766 560
For placing on
ground markers

**Target plate
(DIN A4)**
Art. No. 723 385
With two different
surfaces, recommended
from 50 m



**Adaptor for
attachment
to a pole and
a tripod**
Art. No. 769 459



Laser class 2
In accordance with IEC 60825-1

Functions	DXT	D2	D3a	D3a BT	D5	D8
Smart Horizontal Mode™			•	•		
Min/max measurement	•	•	•	•	•	•
Continuous measurement	•	•	•	•	•	•
Addition/subtraction	•	•	•	•	•	•
Area/volume measurements	•	•	•	•	•	•
Pythagoras functions	•	•	•	•	•	•
Room dimensions	•		•	•	•	•
Horizontal distance					•	•
Trapezium measurements					•	•
Indirect measurements using tilt sensor						•
Technical Data	DXT	D2	D3a	D3a BT	D5	D8
Typical measuring accuracy	± 1.5 mm	± 1.5 mm	± 1.0 mm	± 1.0 mm	± 1.0 mm	± 1.0 mm
Range	0.05 – 70 m	0.05 – 60 m	0.05 – 100 m	0.05 – 100 m	0.05 – 200 m	0.05 – 200 m
Measuring units	m, ft, in				m, ft, in, yd	
Power Range Technology™			•	•	•	•
Distance in m Ø of the laser dot in mm	10, 50, 100 m 6, 30, 60 mm				10, 50, 100 m 6, 30, 60 mm	
Tilt sensor Measuring range Accuracy to the laser beam Accuracy to the housing			± 45° ± 0.3° ± 0.3°		± 45° ± 0.3° ± 0.3°	360° – 0.1°/+0.2° ± 0.1°
Units in the tilt sensor			0.0°, 0.0%		0.0°, 0.00% mm/m, in/ft	
4-fold digital viewfinder					•	•
Store constant values			1		1	
Recall last values	10	10	20		20	30
Time delay release (timer)		•	•	•	•	•
Display illumination	•	•	•	•	•	•
Free software				•		•
Data interface*				BLUETOOTH® (Class 2)		BLUETOOTH® (Class 2)
Measurements per set of batteries	up to 5,000	up to 5,000		up to 5,000**	up to 5,000	up to 5,000**
Multifunctional end-piece	automatic	manual	automatic	automatic	automatic	automatic
Tripod thread			•	•	•	•
Batteries	Typ AAA 2x1.5V				Typ AA 2x1.5V	
Protection class	IP65	IP 54		IP 54		
Dimensions	122 x 55 x 28 mm	111 x 42 x 23 mm	127 x 49 x 27.3 mm		143.5 x 55 x 30 mm	
Weight with batteries	159 g	90 g	149 g	150 g	195 g	205 g

*) System requirements and recommended Pocket PCs can be found under: www.disto.com

**) Reduced in BLUETOOTH® mode



**Andreas Schindela
(Interior construction)**

"It is astonishing how indestructible the DISTO™ DXT is. The simple way of displaying perimeters, wall and ceiling areas allows me to make a rough estimate of the materials required. It is really worth the money."



**Günter Vigl
(Kitchen installer)**

"When working indoors I come across many different measuring situations. Thanks to the Leica DISTO™ D3a with its integrated tilt sensor, I can deal with them quickly and extremely accurately. This gives me the certainty that I need."



**Detlef Foht
(Crane driver)**

"I often have to measure long distances on site. Therefore I find the Leica DISTO™ D5 with its digital Pointfinder extremely useful."

Dealer Stamp



www.disto.com

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