



## Handle for probe heads with Bluetooth® 0554 1111

Short instructions





## Application

The handle with Bluetooth® 0554 1111 is used for the wireless connection of probe heads to the testo 440 measuring instrument.

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Observe the information on the measuring process in the detailed instrument instruction manual. You will find these at: [www.testo.com](http://www.testo.com).

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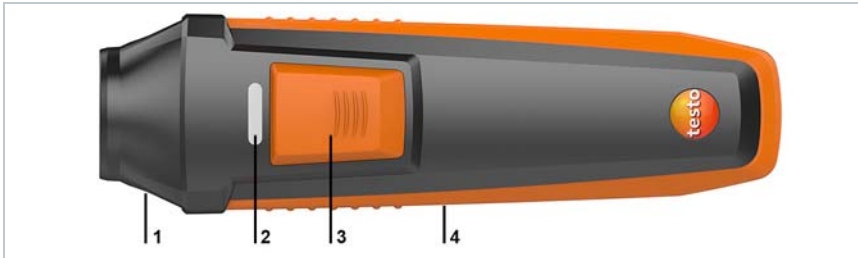
## General safety instructions

- Only operate the product properly, for its intended purpose, and within the parameters specified in the technical data. Do not apply any force.
- Dangers may also arise from the systems to be measured or from the measuring environment: Always comply with the locally valid safety regulations when carrying out measurements.
- Do not operate the instrument if there are signs of damage on the housing.
- Do not store the product together with solvents. Do not use any desiccants.
- Only perform that maintenance and repair work on this instrument which is described in the documentation. Follow the prescribed steps exactly when doing the work. Use only original spare parts from Testo.
- Temperature information given on probes/sensors relates only to the measuring range of the sensor technology. Do not expose handles and feed lines to temperatures in excess of 50 °C (122 °F), unless they are expressly authorised for use at higher temperatures.
- Do not operate the instrument if there are signs of damage on the housing or cable.

## Batteries

- Improper use of batteries may cause destruction of the batteries, injuries due to current surges, fire or the escape of chemicals.
- Only use the batteries supplied in accordance with the instructions in the instruction manual.
- Do not short, take apart or modify batteries.
- Do not expose the batteries to heavy impacts, water, fire or temperatures above +140 °C or below -20 °C.
- Do not store unused batteries in the proximity of metal objects.
- Do not use any leaky or damaged batteries.
- In the event of contact with battery acid: rinse affected areas thoroughly with water, and if necessary consult a doctor.

## Structure



Element	Element
1 Quick-release connector for probe heads and adapter	2 LED status display
3 Button	4 Battery compartment (on rear)

## LED status display

LED status display	Meaning
Flashing red	Low battery status
Flashing yellow	Measurement probe is switched on and is searching for a Bluetooth connection, but is not connected.
Flashing green	Measurement probe is switched on and Bluetooth is connected.

## Switching on and establishing the Bluetooth connection

- ✓ - You need the testo 440 with Bluetooth enabled in order to be able to establish a connection via Bluetooth.
- 1 - Press button on the handle.
  - ▶ The handle is switched on.
  - ▶ The LED flashes yellow while the Bluetooth connection is being established.
  - ▶ The LED lights up green as soon as the connection between your measurement probe and the testo 440 has been established.

## Switching off

- 1 | - Press and hold the button on the handle for three seconds.
- ▶ | The handle is switched off.

## Using the handle

You can initiate various functions on the testo 440 using the button on the handle, such as starting and stopping a series of measurements. You will find detailed information on how each of the handle's functions work in the corresponding chapter of the instruction manual for the measuring instrument.

## Technical data

Feature	Value
Storage temperature	-10°C to +50°C
Operating temperature	0 to +50°C
Dimensions	170 mm x 50 mm x 40 mm
Warranty	Duration: 2 years Warranty terms: see <a href="http://www.testo.com/warranty">www.testo.com/warranty</a> website.





## Approvals



The use of the wireless module is subject to the regulations and stipulations of the respective country of use, and the module may only be used in countries for which a country certification has been granted. The user and every owner has the obligation to adhere to these regulations and prerequisites for use, and acknowledges that the re-sale, export, import etc. in particular in countries without wireless permits, is his responsibility.

Product	0554 1111
Mat.-No.:	0554 1111
Date	06.12.2017

Country	Comments
Australia	 E 1561

Country	Comments																
Canada	Product IC ID: 6127B-05541111  IC Warnings																
Europa + EFTA	 <hr/>  The EU Declaration of Conformity can be found on the testo homepage <a href="http://www.testo.com">www.testo.com</a> under the product specific downloads. <hr/> <p>EU countries: Belgium (BE), Bulgaria (BG), Denmark (DK), Germany (DE), Estonia (EE), Finland (FI), France (FR), Greece (GR), Ireland (IE), Italy (IT), Latvia (LV), Lithuania (LT), Luxembourg (LU), Malta (MT), Netherlands (NL), Austria (AT), Poland (PL), Portugal (PT), Romania (RO), Sweden (SE), Slovakia (SK), Slovenia (SI), Spain (ES), Czech Republic (CZ), Hungary (HU), United Kingdom (GB), Republic of Cyprus (CY).</p> <p>EFTA countries: Iceland, Liechtenstein, Norway, Switzerland</p>																
Japan	  201-171021  Japan Information																
Turkey	Authorized																
USA	Product FCC ID: WAF-05541111  FCC Warnings																
Bluetooth-Module	<table border="1"> <thead> <tr> <th>Feature</th> <th>Values</th> </tr> </thead> <tbody> <tr> <td>Bluetooth range</td> <td>&lt; 20 m (free field)</td> </tr> <tr> <td>Bluetooth type</td> <td>L Series BLE module (08 May 2013) based on TI CC254X chip</td> </tr> <tr> <td>Qualified Design ID</td> <td>B016552</td> </tr> <tr> <td>Bluetooth radio class</td> <td>Class 3</td> </tr> <tr> <td>Bluetooth company</td> <td>LSD Science &amp; Technology Co., Ltd</td> </tr> <tr> <td>RF Band</td> <td>2402-2480MHz</td> </tr> <tr> <td>Output power</td> <td>0 dBm</td> </tr> </tbody> </table>	Feature	Values	Bluetooth range	< 20 m (free field)	Bluetooth type	L Series BLE module (08 May 2013) based on TI CC254X chip	Qualified Design ID	B016552	Bluetooth radio class	Class 3	Bluetooth company	LSD Science & Technology Co., Ltd	RF Band	2402-2480MHz	Output power	0 dBm
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## IC Warnings

RSS-Gen & RSS-247 statement:

This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes :

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Caution: Radio Frequency Radiation Exposure

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment and meets the IC radio frequency (RF) Exposure Guidelines. This equipment should be installed and operated keeping the radiator at least 20 cm or more away from person's body in normal use position.

Co-Location:

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

Attention : exposition au rayonnement de radiofréquences

Cet équipement est conforme aux limites d'exposition aux radiofréquences IC fixées pour un environnement non contrôlé et aux Lignes directrices relatives à l'exposition aux radiofréquences (RF). Cet équipement devrait être installé et utilisé à une distance d'au moins 20 cm d'un radiateur ou à une distance plus grande du corps humain en position normale d'utilisation.

Co-location

Ce transmetteur ne peut pas être installé en colocation ou être utilisé avec une autre antenne ou transmetteur, quel qu'en soit le type.

## FCC Warnings

Information from the FCC (Federal Communications Commission) for your own safety.

Shielded cables should be used for a composite interface. This is to ensure Information from the FCC (Federal Communications Commission)

For your own safety

Shielded cables should be used for a composite interface. This is to ensure continued protection against radio frequency interference.

FCC warning statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Shielded interface cable must be used in order to comply with the emission limits.

Warning

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution: Radio Frequency Radiation Exposure

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines. This equipment should be installed and operated keeping the radiator at least 20 cm or more away from person's body in normal use position



## Japan Information

当該機器には電波法に基づく、技術基準適合証明等を受けた特定無線設備を装着している。

