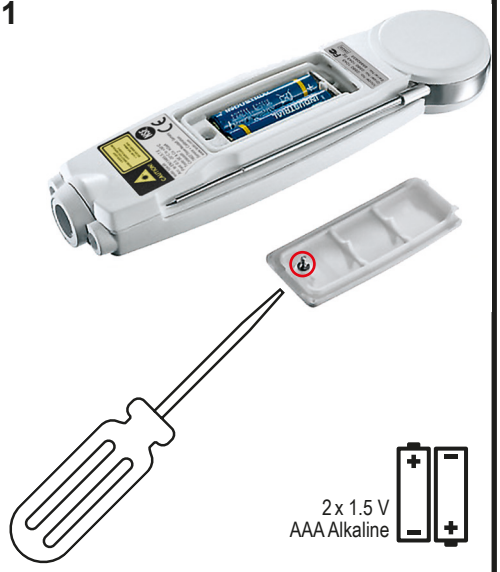
testo 104-IR BT

1



2a

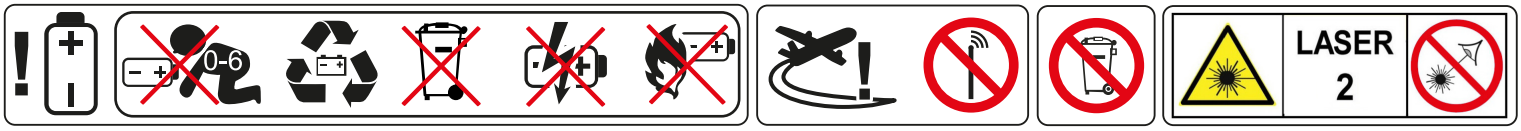
2b

3

4

www.testo.com/manuals

https://qr.testo.com/ldtw8z



	°C					
178 x 48 x 21 mm 7.0 x 1.9 x 0.8 in 	-20 ... +50 °C -4 ... +122 °F -30 ... +70 °C -22 ... +158 °F	2 x 1.5 V AAA Alkaline 10 h	0.1 °C 0.1 °F	Contact (NTC) -50 ... +250 °C -58 ... +482 °F Infrared -30 ... +250 °C -22 ... +482 °F	Contact (NTC) ±1.0 °C (-50,0 ... -30,1°C) ±1.8 °F (-58.0 ... -22.1 °F) ±0.5 °C (-30,0 to +99,9°C) ±0.9 °F (-22.0 ... +211.9 °F) ±1 % of mv (Remaining Range) Infrared ±2.5 °C (-30.0 ... -20.1 °C) ±4.5 °F (-22.0 ... -4.2 °F) ±2.0 °C (-20.0 ... -0.1 °C) ±3.6 °F (-4.1 ... +31.9 °F) ±1.5 °C or ±1.5 % of the measuring value (0.0 ... +250.0 °C) ±2.7 °F or ±1.5 % of the measuring value (+32.0 ... +482.0 °F)	197g IP65 0.433 lbs (incl. batteries)

0971 1042 02 – 08.2025

Approvals and Certification

Product	testo 104-IR BT
Mat.-No.	0560 1045
Issued / 発効	2025-08-13

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.

Country	Comments	
Australia		E 1561
Brazil	ANATEL Agência Nacional de Telecomunicações 04509-18-04701 Este equipamento opera em caráter secundário, isto é, não tem direito a proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário.	
Canada	IC ID: 6127B-2016T104BT See IC Warning	
China	CMIIT ID: 2021DJ12839	
Europa + EFTA	Hereby, Testo SE & Co. KGaA declares that the radio equipment type testo 104 IR BT (0560 1045) is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: www.testo.com/eu-conformity **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), Republic of Cyprus (CY). **EFTA countries:** Iceland, Liechtenstein, Norway, Switzerland WEEE Reg. no. DE 75334352	
India	Authorized	
Malaysia	Authorized	
Morocco	Authorized	
Russia	Authorized	
South Africa	Radio Equipment Type Approval Number: TA-2015/2318	
South Korea	MSIP-CRM-te2-t104-IRBT See KCC Warning	
Türkiye	Authorized	
Ukraine	Authorized	
United Arab Emirates (UAE)	TDRA ER41746/25	
USA	FCC ID: WAF-05601045 See FCC Warnings	
United Kingdom (GB)	UK CA The UK Declaration of Conformity can be found on the testo homepage www.testo.com under the product specific downloads.	

	Feature	Values
Bluetooth-Module	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 - 2480 MHz
	Output power	0 dBm
Laser	Conform to EN 60825-1:2014 + A11:2021 / IEC 60825-1:2014: Laser class 2: Do not stare into the beam!	
DIN EN 13485	Conform to DIN EN 13485 tested by TÜV Süd	
VO 1935/2004	Conform to VO 1935/2004	
HACCP Int.	Conform to HACCP International	
NSF	NSF	

IC Warnings

CAN ICES-003(B)/NMB-003(B):

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

RSS-Gen & RSS-247 statement:

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(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.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique 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

The product comply with the Canada portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such fuction is available.

Co-Location:

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

Attention : exposition au rayonnement de radiofréquences

Le produit est conforme aux limites d'exposition pour les appareils portables RF pour les Etats-Unis et le Canada établies pour un environnement non contrôlé.

Le produit est sûr pour un fonctionnement tel que décrit dans ce manuel. La réduction aux expositions RF peut être augmentée si l'appareil peut être conservé aussi loin que possible du corps de l'utilisateur ou que le dispositif est réglé sur la puissance de sortie la plus faible si une telle fonction est disponible.

Co-Location

Ce dispositif ne doit pas être utilisé à proximité d'une autre antenne ou d'un autre émetteur.

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 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

The device has been evaluated to meet general RF exposure requirement, The device can be used in portable exposure condition without restriction. Federal Communication Commission (FCC) Radiation Exposure Statement Power is so low that no RF exposure calculation is needed.

Co-Location:

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

KCC Warning

해당 무선 설비는 운용 중 전파혼신 가능성이 있음。

Manufacturer/ importer

Testo SE & Co. KGaA

Celsiusstr. 2, 79822 Titisee-Neustadt, Germany

+49 7653 / 681-0

www.testo.com

Warning: Please follow the instructions when using the product.