Approval and Certification

Product 产品名称	testo 300 testo 300LL
Mat.-No. 型号	0633 3002 0633 3004
Date 日期	27.04.2023

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 01071-19-04701 Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados.
Europa + EFTA	CE The EU Declaration of Conformity can be found on the testo homepage www.testo.com under the product specific downloads. **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
Korea	R-R-te2-testo300 See KCC Warning
Russia	Authorized
Thailand	Authorized
Türkiye	Authorized
United Kingdom (GB)	UKCA The UK Declaration of Conformity can be found on the testo homepage www.testo.com under the product specific downloads.
USA	FC See FCC Compliance Statement

FCC Compliance Statement

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.

KCC Warning

해당 무선 설비는 운용 중 전파혼신 가능성이 있음。

Scope

This part of IEC 61000 for EMC immunity requirements applies to electrical and electronic equipment intended for use residential, commercial, public and light-industrial locations. Immunity requirements in the frequency range 0 Hz to 400GHz are covered. No tests need to be performed at frequencies where no requirements are specified.

The generic EMC immunity standard is applicable if no relevant dedicated product or product family EMC immunity standard exists.

The standard applies to electrical and electronic equipment intended to be operated in

- Residential locations, as defined in 3.8. both indoor and outdoor.
- Commercial, public and light industrial locations, as defined in 3.9. both indoor and outdoor.

testo 300

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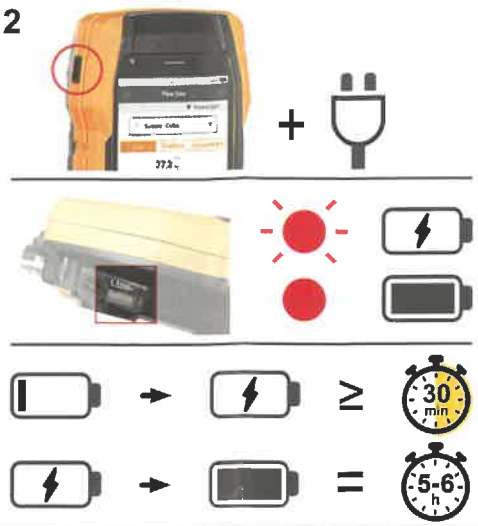

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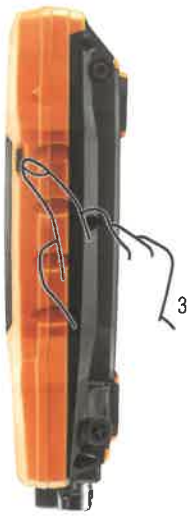

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https://www.testo.com/manuals

https://qr.testo.com/ldtw8z

https://www.testo.com/software-testo-easyheat/p/0554-3332

	°C				
244 x 59 x 98 mm	-5...+45 °C +23...+113 °F -20...+50 °C -4...+122 °F	0...+35 °C +32...+95 °F 10 h	[?] CO [?] CO-H2 [?] NO [?] Slot 3 [?] 1/x	-40 ... +1200 °C / -40 ... 2192 °F O_2 = 0 ... 21 Vol.% -9,99 ... +40 hPa -100 ... +200 hPa	ca. 800 g IP 40

	1:X	1:1
CO	0 ... 15000 ppm	0 ... 4000 ppm
CO H_2	0 ... 30000 ppm	0 ... 8000 ppm

Approval and Certification

Product 产品名称	smartphone (integrated)
Mat.-No. 型号	0480 0069
Date 日期	2023-06-13

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 **New Zealand**	E 1561
Canada	Product IC: 6127B-04800069 See IC Warnings
China	CMIIT ID: 2018DJ7295
Europa + EFTA	The EU Declaration of Conformity can be found on the testo homepage www.testo.com **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). **EFTA countries:** Iceland, Liechtenstein, Norway, Switzerland WEEE Reg. no. DE 75334352
India	Authorized
Japan	R 201-190174 See Japan Information
South Africa	ICASA TA-2018/2958
South Korea	R-R-te2-04800069 See KCC Warning
Thailand	Authorized
Türkiye	Authorized
United Kingdom (GB)	UKCA The UK Declaration of Conformity can be found on the testo homepage www.testo.com under the product specific downloads
USA	Product FCC ID: WAF-04800069 See FCC Warnings

WLAN	Feature	Values
	WLAN Range	20 m (free field)
	Compliant to protocol	802.11b/g/n (11M~350M bit/s)
	Type of Modulation	802.11b; 802.11g 802.11n(20MHz) 802.11n(40MHz)
	RF Band	Band: ISM Band 2400-2483.5
	Output power	16 dbm

Bluetooth®-Module	Feature	Values
	Bluetooth® Range	10 m (free field)
	Bluetooth® type	GFSK; 8DPSK; π/4DQPSK
	Qualified Design ID	D039574
	Bluetooth® company	Testo SE & Co. KGaA
	RF Band	2.4 GHz ISM band 2402-2480MHz
	Output power	5,5 dbm

	Comments
Honkong	Authorized
Taiwan	CCAN19LP0780T0 See NCC Warning / NCC 警告見

IC Warrnings

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. End user must follow the specific operating instructions for satisfying RF exposure compliance.

The device is designed to meet the requirements for exposure to radio waves established by the IC. These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported under this standard during product certification for using at the ear is 0.137 W/Kg, at the Body is 0.046 W/Kg.

This radio equipment should be installed and operated keeping the radiator at least 15 mm or more away from person's body in normal use position. When used with any accessory that contains no metal the positions should be a minimum of 15 mm from the body.

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 radiations IC définies pour un environnement non contrôlé. L'équipement final doit suivre les instructions d'utilisation spécifiques pour satisfaire à la conformité à l'exposition aux radio fréquences.

L'appareil est conçu pour répondre aux exigences d'exposition aux ondes radio établies par le IC, qui fixent une limite SAR de 1,6 W / kg en moyenne sur un gramme de tissu. La valeur DAS la plus élevée rapportée sous cette norme lors de la certification du produit pour l'utilisation à l'oreille est de 0,137 W / Kg, au corps est de 0,046 W / kg.

Cet équipement radio doit être installé et utilisé en gardant le radiateur au moins 15 mm ou plus du corps de la personne en position d'utilisation normale. Lorsqu'il est utilisé avec un accessoire ne contenant pas de métal, les positions doivent être à au moins 15 mm du corps.

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 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. End user must follow the specific operating instructions for satisfying RF exposure compliance.

The device is designed to meet the requirements for exposure to radio waves established by the FCC. These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported under this standard during product certification for using at the ear is 0.137 W/Kg, at the Body is 0.046 W/Kg.

This radio equipment should be installed and operated keeping the radiator at least 15 mm or more away from person's body in normal use position. When used with any accessory that contains no metal the positions should be a minimum of 15 mm from the body.

Co-Location:

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

Location of FCC and IC ID

FCC and IC ID are placed under the battery of the equipment. Please remove the battery cover and battery to read the identification.

Before using the product, please take out the insulation piece and consider the FCC and IC labels in the battery compartment.

FCC et IC ID sont placés sous la batterie de l'équipement. S'il vous plaît retirer le couvercle de la batterie et la batterie pour lire l'identification.

Avant d'utiliser le produit, retirez l'isolant et considérez les étiquettes FCC et IC dans le compartiment à piles.

KCC Warning

해당 무선 설비는 운용 중 전파혼신 가능성이 있음.

Scope

This part of IEC 61000 for EMC immunity requirements applies to electrical and electronic equipment intended for use residential, commercial, public and light-industrial locations. Immunity requirements in the frequency range 0 Hz to 400GHz are covered. No tests need to be performed at frequencies where no requirements are specified.

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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。

NCC Warnings / NCC 警告

根據低功率電波輻射性電機管理辦法規定:

第十二條 經型式認證合格之低功率射頻電機，非
經許可，公司、商號或使用者均不得
擅自變更頻率、加大功率或變更原設
計之特性及功能。

第十四條 低功率射頻電機之使用不得影響飛航安
全及干擾合法通信；經發現有干擾現
象時，應立即停用，並改善至無干擾
時方得繼續使用。
前項合法通信，指依電信法規定作業
之無線電通信。低功率射頻電機須忍
受合法通信或工業、科學及醫療用電
波輻射性電機設備之干擾。

Feature	Value
Display	5.0 Inch, HD 1280*720 pixels, IPS (160k)
Memory	EMMC 8GB+DDR3 1GB / Maximum Extended Storage 64GB
Processor	Model MT6580A / Feature Quad Core / Frequency: 1.3GHz
Connections	Ear phone jack / Bluetooth® 4.0 / Charge via USB / WLAN
Camera	front camera: Sensor *2.0MP / 3P high-resolution lens, Sensing area 1/5 Inch, Pixel area 1.67um * 1.67um, Aperture F2.8 Aperture, Sensor type CMOS back camera: Sensor *5.0MP AF /3P high-resolution lens, Sensing area 1/5 Inch, Pixel area 1.12um * 1.12um, Aperture F2.28 Aperture 67.9 degree, Sensor type CMOS, Autofocus Support, Flash led Support
Battery	2150mAh
Power input	5V / 1A
Storage temperature	-20°C to 50°C
Operating temperature	-5 to +45°C