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testo

testo 558s Wireless Module










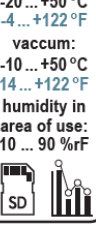




Device Overview

The Testo 558s is a digital manifold with integrated vacuum measurement and wireless connectivity, designed for HVAC/R professionals.

Specifications

Dimensions	229 x 112.5 x 71 mm (9 x 4 x 3 in)
Weight	1250 g (40 oz)
Battery	Rechargeable lithium battery integrated 3400 mAh or 3 x 1.5 V AA Alkaline
Operating Temperature	-10 to 50 °C (14 to 122 °F)
Storage Temperature	-20 to 60 °C (-4 to 140 °F)
Humidity	10 to 90 %rF

Pressure Range	HP/LP: -100 to 6000 kPa / -0.1 to 6 MPa / -1 to 60 bar (rel) / -1 4.7 to 870 psi
Vacuum	0 to 20,000 micron
Protection Class	IP 54

						
229 x 112,5 x 71 mm 9 x 4 x 3 in 	 -20 ... +50 °C -4 ... +122 °F vaccum: -10 ... +50 °C 14 ... +122 °F humidity in area of use: 10 ... 90 %rF    -20 ... +60 °C -4 ... +140 °F 	Rechargeable lithium battery integrated 3400 mAh 3 x 1.5 V AA Alkaline	HP/LP: -100 ... 6000 kPa / -0.1 ... 6 Mpa / -1 ... 60 bar (rel) / -14.7 ... 870 psi	-50 ... +150 °C -58 ... +302 °F testo 115i: -40 ... +150 °C -40 ... +302 °F vaccum: 0 ... 20.000 micron	1250 g 40 oz	IP 54

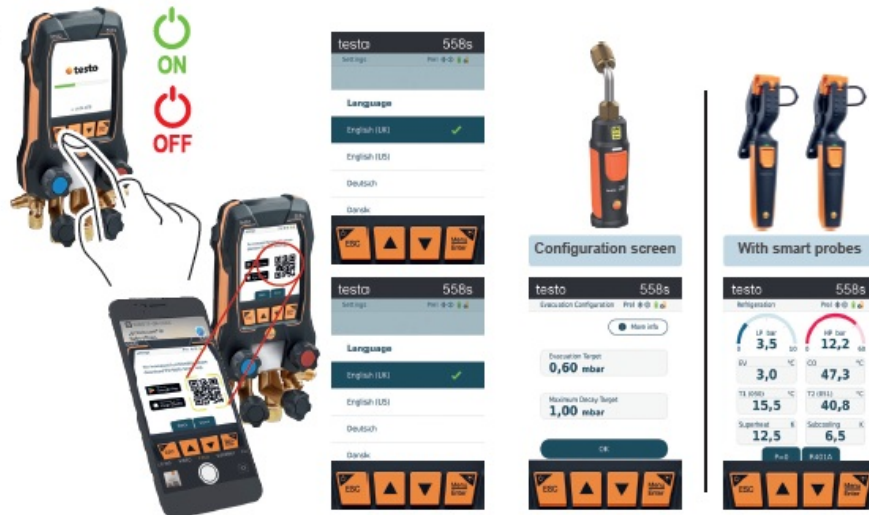
Device Setup

1. Power on the device using the button on the side.
2. Connect the device to the Testo Smart App using the QR code for configuration and data management.
3. Attach the smart probes as shown in the configuration screen.

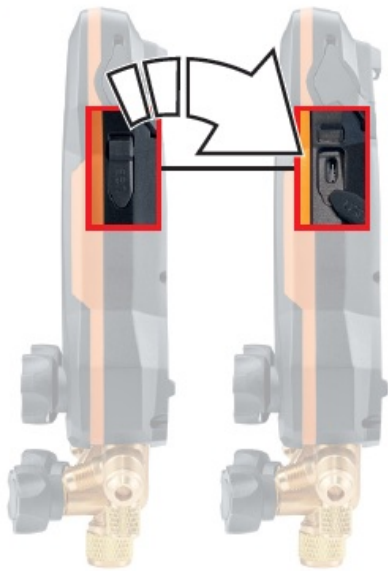
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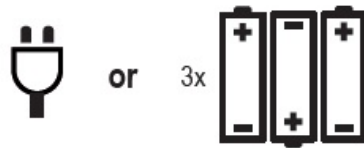
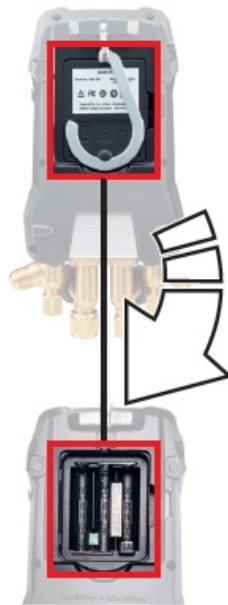
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3



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www.testo.com/manuals



<https://qr.testo.com/ldtw8z>



www.testo.com/manuals

<https://qr.testo.com/ldtw8z>

SAFETY



Battery Installation









To install or replace the batteries, open the battery compartment on the back of the device. Use either the integrated rechargeable lithium battery or three 1.5 V AA alkaline batteries.

Approval and Certification

Product	testo 558s
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Order No.	0564 5581 0564 5581 01 0564 5581 02
Model No.	0564 5581
Date	2025-02-18

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	IC: 6127B-05645581 see IC Warnings
Europa + EFTA	  Hereby Testo SE & Co. KGaA declares that the radio equipment type testo 558s (Model No. 0564 5581) is in compliance with Directive 2014/53/EU. The full text of the EU Declaration of Conformity can be found on the following website: https://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 
United Kingdom (GB)	For Order No.: 0564 5581 02   The UK Declaration of Conformity can be found on the testo homepage www.testo.com under the product specific downloads
USA	 FCC ID: WAF-05645581 see FCC Warnings

Bluetooth®– Information	Feature	Values
	Bluetooth® range	up to 150m (490 feet) (free field)
	Radio type	Bluetooth® Low Energy (BLE)
	Company	Lierda Science & Technology Group Co., Ltd Lierda LSD4BT-S98B
	RF Band	2402 – 2480 MHz
	Power output	18.53 dBm
Bluetooth® SIG Listing	Declaration ID	D051404

	Member company	Testo SE & Co. KGaA
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	Comments
Hongkong	Authorized

Product	testo 558s
Order No.	0564 5581 55
Model No.	0564 5581
Date	2025-02-18

Country	Comments
Japan	<p>Contains Lierda S98 BLE module</p> <p>R 201-200960</p> <p>See Japan Information</p>
South Korea	<p>R-R-te2-05645581</p> <p>contains: R-R-te2-S98</p> <p>See KCC Warning</p>

	Feature	Values
	Bluetooth® range	<p>up to 60m (196 feet)</p> <p>(free field)</p>

Bluetooth®– Information	Radio type	Bluetooth® Low Energy (BLE)
	Company	Lierda Science & Technology Group Co., Ltd Lierda LSD4BT-S98B
	RF Band	2402 – 2480 MHz
	Power output	<10 dBm

IC Warnings

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

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

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.

Caution: Radio Frequency Radiation Exposure

This equipment complies with radio frequency exposure limits set forth by Innovation, Science and Economic Development Canada for an uncontrolled environment.

This equipment should be installed and operated with a minimum distance of 20 cm between the device and the user or bystanders.

Co-Location:

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

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:

Caution: Radio Frequency Radiation Exposure This equipment complies with radio frequency exposure limits set forth by the FCC for an uncontrolled environment.

This equipment should be installed and operated with a minimum distance of 20 cm

between the device and the user or bystanders.

Co-Location:

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

Japan Information

Manufacturer/ importer

Testo SE & Co. KG aA

Celsiusstr. 2, 79822 Titisee-Neustadt, Germany www.testo.com

Warning: Please follow the instructions when using the product.

FAQ

- **Q: What are the power options for the testo 558s?**

A: The testo 558s can be powered by a rechargeable lithium battery (integrated 3400 mAh) or 3 x 1.5 V AA Alkaline batteries.

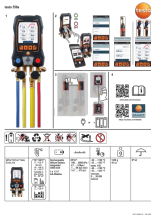
- **Q: What is the IP rating of the testo 558s?**

A: The testo 558s has an IP54 rating, providing protection against dust and water splashes.

- **Q: How should I handle the wireless module of the device?**

A: The use of the wireless module is subject to regulations of the respective country. Ensure compliance with wireless permits and maintain a minimum distance of 20 cm between the device and users or bystanders.

Documents / Resources

	<p>testo 558s Wireless Module [pdf] User Manual</p> <p>0564 5581, 0564 5581 01, 0564 5581 02, 558s Wireless Module, 558s, Wireless Module, Module</p>
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References

- [User Manual](#)

🔑 0564 5581, 0564 5581 01, 0564 5581 02, 558s, 558s Wireless Module, Module, testo, Wireless

📁 testo Module

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