



**Bluetooth®/IRDA printer
0554 0620**

Instruction manual



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2 Safety and the environment

- > Dispose of faulty rechargeable batteries/spent batteries in accordance with the valid legal specifications.
- > At the end of its useful life, send the product to the separate collection for electric and electronic devices (observe local regulations) or return the product to Testo for disposal.

3 Specifications

3.1. Use

The testo Bluetooth®/IRDA printer is used to produce report printouts, in conjunction with compatible devices:

- Testo measuring instruments, e.g. testo 330 (0632 3306 - 3307 from firmware 2.02 onwards), testo 320 (from firmware 1.06 onwards), testo 324 (from firmware 1.08 onwards)
- All electronic instruments with a Bluetooth® interface

The product may only be operated in countries in which it is type approved (see Technical data).

Changes or modifications that have been made without the explicit consent of the responsible approval authority may cause the retraction of the type approval.

Data transfer may be disturbed by equipment that uses the same ISM band, e.g. WLAN, microwave ovens, ZigBee.

The use of radio links is not permitted in aeroplanes and hospitals, among others:

3.2. Technical data

General data

Feature	Values
Model	Thermal printer with Bluetooth® and IrDA interface
Printing speed	30 mm/s
Operating temperature	0 to +50 °C / 32 to 122 °F
Storage temperature	-20 to +50 °C / -4 to 122 °F
Dimensions (LxWxH)	150 mm x 80 mm x 41 mm
Weight	approx. 400 g (including rechargeable battery pack, paper roll, mains unit)
EU Directive	2004/108/EC
Power supply	Lithium-Ion rechargeable battery pack, 2600 mAh, 3.7 V
Thermal paper roll	56.5 mm x 34 mm x 12 mm
Rechargeable battery storage temperature	±0 to 35 °C / 32 to 95 °F
Rechargeable battery charge time	approx. 5-6 h
Rechargeable battery life	approx. 50 m report printouts
Bluetooth® (optional)	Range < 10 m
Warranty	2 years (excl. printer mechanism, rechargeable battery pack)
Warranty terms	Warranty terms: see website www.testo.com/warranty

Bluetooth® data

Feature	Values
Type designation	Bluegiga WT12
Specification	2.0
Radio class	Class 2
Coverage	< 10 m / < 32.8 ft.
Product note	WT12
Identification	B011198
Company	10274
Certification	<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> <p>Other countries: Colombia, El Salvador, Turkey, Ukraine, Australia, USA, Canada</p> <p>FCC (Federal Communications Commission) notice</p> <ul style="list-style-type: none"> - This instrument fulfils part 15 of the FCC Rules - Its commissioning is subject to the following two conditions: <ol style="list-style-type: none"> 1. this instrument must not cause any harmful interference and 2. this instrument must be able to cope with interference, even if this has undesirable effects on operation.


Feature	Values
	Changes The FCC demands that the user be informed that any changes or modifications to the instrument that are not explicitly approved by testo AG may void the user's right to use this instrument.

Accessories/spare parts

Description	Item no.
Mains unit 5 V / 1.0 A with micro USB cable	0554 1105
Spare thermal paper, 6 rolls	0554 0568

EC declaration of conformity



Wir messen es. 

EG-Konformitätserklärung

EC declaration of conformity

Für die nachfolgend bezeichneten Produkte:

We confirm that the following products:

testo BLUETOOTH / IRDA Drucker / testo BLUETOOTH / IRDA printer

Best. Nr.: / Order No.: 0554 0620

wird bestätigt, daß sie den wesentlichen Schutzanforderungen entsprechen, die in der Richtlinie des Rates zur Angleichung der Rechtsvorschriften der Mitgliedstaaten über die **elektromagnetische Verträglichkeit** (2014/30/EU) festgelegt sind.

corresponds with the main protection requirements which are fixed in the EEC "Council Directive 2014/30 EU on the approximation of the laws of the member states relating to electromagnetic compatibility" The declaration applies to all samples of the above mentioned product.

Zur Beurteilung der Erzeugnisse hinsichtlich elektromagnetischer Verträglichkeit wurden folgende Normen herangezogen:

For assessment of the product following standards have been called upon:

Standards:

ETSI EN 300 328 V1.8.1
ETSI EN 301 489-1 V1.9.2
ETSI EN 301 489-17 V2.2.1

The product is marked with **CE 0700**

Diese Erklärung wird für:

This declaration is given in responsibility for:

Testo AG
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abgegeben durch / by:

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(Name / name)

Managing Director
(Stellung im Betrieb des Herstellers)
(Position in the company of the manufacturer)

Head of Electrical Engineering
(Stellung im Betrieb des Herstellers)
(Position in the company of the manufacturer)

Lenzkirch, 22.08.2014
(Ort, Datum / place, date)


(Rechtsgültige Unterschrift)
(Legally valid signature)

i.v. 
(Rechtsgültige Unterschrift)
(Legally valid signature)



Der Hersteller betreibt ein zertifiziertes Qualitätssicherungssystem nach DIN ISO 9001

The manufacturer operates a certified quality assurance system according to DIN ISO 9001

4 Product description

4.1. Overview



- 1 Bluetooth®/infrared interface
- 2 Operating mode indicator
- 3 On/Off control key
- 4 Paper feed control key
- 5 Paper roll (printable side out)
- 6 Paper compartment cover
- 7 Magnetic holder (on back)

⚠ WARNING

Magnetic field

May be harmful to those with pacemakers.

- > Keep a minimum distance of 10 cm between pacemaker and printer.

CAUTION

Magnetic field

Damage to other devices!



- > Keep a safe distance away from products that could be damaged by the effects of magnetism (e.g. monitors, computers or credit cards).



8 Micro USB connection for connecting to the mains unit or the PC.

4.2. Operating mode indicator

LED	Function
Steady green light	<ul style="list-style-type: none"> • Standby mode • Printing out print data
Flashing green light	<ul style="list-style-type: none"> • Receiving print data
Steady red light	<ul style="list-style-type: none"> • Not ready for operation • Paper compartment cover open • No paper inserted.
Flashing red light	<ul style="list-style-type: none"> • Rechargeable battery low
Flashing red/green light	<ul style="list-style-type: none"> • Rechargeable battery is charging
Off	<ul style="list-style-type: none"> • Sleep mode, automatically activated 2 minutes after a button was last pressed

4.3. Control key functions

Control keys	Functions
	<ul style="list-style-type: none"> • Switch on printer: press key < 2 s • Switch off printer: press key > 2 s
	<ul style="list-style-type: none"> • Short paper feed: press key < 1 s • Paper feed for as long as the key is pressed: press key > 1 s

Control keys	Functions
 and 	<ul style="list-style-type: none"> • Start a test print (printer is switched off): press keys < 1 s simultaneously • Bluetooth® module test (printer is off): press keys > 1 s simultaneously

5 First steps

5.1. Charging the rechargeable battery

The rechargeable battery can only be charged at an ambient temperature of ± 0 to $+35$ °C. If the rechargeable battery has been completely discharged, charging time at room temperature using the testo mains unit is approx. 6 h.

- > Connect battery charger (0554 1105) to a mains socket and connect the printer.

i If stored for a prolonged period of time, the battery should be charged every once in a while because otherwise this may result in damage due to deep discharge.

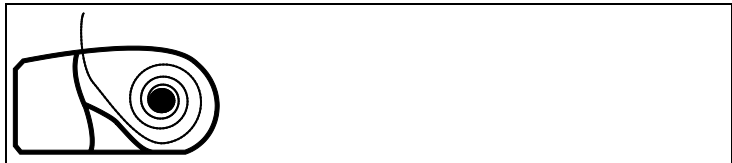
Charging in the measuring instrument

1. Plug the mains unit instrument plug into the instrument's micro USB socket.
2. Plug the mains plug of the mains unit into a mains socket.
 - The charging process will start. The charging process will stop automatically when the battery is fully charged.

Battery care

- > Do not fully exhaust rechargeable batteries.

5.2. Inserting paper



1. Flip paper compartment cover up.
2. Insert paper roll, see illustration.
3. Close paper compartment cover.

6 Using the product

Printing data

i When first setting up a connection between a testo measuring instrument and the Bluetooth / IRDA printer, the initialization phase can last up to 30 seconds.

- ✓ Printer is switched on.
- > Start the print process from the instrument transmitting the data.
- Data is printed out (LED flashes green).



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