



**Mobile printer for data loggers 0572 0576**  
Instruction manual



## 1 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.

## 2 Specifications

### 2.1. Use

The testo mobile printer for data loggers is used to produce report printouts, in conjunction with compatible devices:

- testo 175/176 (manufactured during or after 2011)
- testo 184 (manufactured during or after 2013)

### 2.2. Technical data

#### General data

Feature	Values
Model	Thermal printer with USB/NFC 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

## 2 Specifications

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<b>Feature</b>	<b>Values</b>
Rechargeable battery charge time	approx. 5-6 h
Rechargeable battery life	> 6 h (20 °C / 68 °F ambient temperature)
Warranty	2 years (excl. printer mechanism, rechargeable battery pack)
Warranty terms	

### **Accessories/spare parts**

<b>Description</b>	<b>Item no.</b>
Mains unit 5 V / 1.0 A	0554 1105
Micro USB cable	0449 0134
Spare thermal paper, 6 rolls	0554 0568

### 3 Product description

#### 3.1. Overview




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





**⚠ WARNING**  
Magnetic field  
**May be harmful to those with pacemakers.**  
> Keep a minimum distance of 15 cm between pacemaker and printer.

CAUTION
<p>Magnetic field</p> <p><b>Damage to other devices!</b></p> <p>&gt; Keep a safe distance away from products that could be damaged by the effects of magnetism (e.g. monitors, computers or credit cards).</p>
<p>7 Contact surface for data logger</p> <p>8 Micro USB connection for connecting to the mains unit or the PC.</p>

### 3.2. Operating mode indicator

LED	Function
Steady green light	<ul style="list-style-type: none"> <li>• Standby mode</li> <li>• Printing out print data</li> </ul>
Flashing green light	<ul style="list-style-type: none"> <li>• Receiving print data</li> <li>• Configuration mode</li> </ul>
Steady red light	<ul style="list-style-type: none"> <li>• Not ready for operation</li> <li>• Paper compartment cover open</li> <li>• No paper inserted.</li> </ul>
Flashing red light	<ul style="list-style-type: none"> <li>• Rechargeable battery low</li> </ul>
Flashing red/green light	<ul style="list-style-type: none"> <li>• Rechargeable battery is charging</li> </ul>
Off	<ul style="list-style-type: none"> <li>• Sleep mode, automatically activated 2 minutes after a button was last pressed</li> <li>• Sleep mode, activated after 5 minutes                             <ul style="list-style-type: none"> <li>- if a connection to the logger is established and data has been read out.</li> <li>- if the logger is ready for printout, but the  key is not pressed.</li> </ul> </li> </ul>

### 3.3. Control key functions

Control keys	Functions
	<ul style="list-style-type: none"> <li>Switch on printer: press key &lt; 2 s</li> <li>Switch off printer: press key &gt; 2 s</li> </ul>
	<ul style="list-style-type: none"> <li>Short paper feed: press key &lt; 1 s</li> <li>Long paper feed: press key &gt; 1 s</li> <li>Start printout: press key &lt; 1 s</li> </ul>
 and 	<ul style="list-style-type: none"> <li>Start a test print (printer is switched off): press keys simultaneously</li> </ul>

## 4 First steps

### 4.1. Charging the rechargeable battery

The rechargeable battery can only be charged at an ambient temperature of  $\pm 0$  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.

## 4.2. Inserting paper



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

## 4.3. Setting the language version

- ✓ Printer is switched off.
- 1. Press [⏻] and [🖨️] > 2 s.
  - Configuration mode is activated.
  - Automatic printout of the available language versions.
  - The language currently selected is indicated by an \*.
- 2. Select language version: press [🖨️] briefly.
  - Each key press automatically generates a printout and the subsequent language is indicated by an \*.
- > Press [🖨️] briefly, repeating this until the language you need is indicated by an \*.
- 3. Save the language version and exit configuration mode:  
press [⏻] briefly.

## 4.4. Test print

- ✓ Printer is switched off.
- > Press [⏻] and [🖨️] simultaneously.
  - Test print is started.

## 4.5. Printing graphics (only testo 175 / testo 176)

You can set whether a printout should display graphics or not.

### Activate graphics printout

1. Disconnect the USB connection between testo 175 / testo 176 and the printer.

✓ Printer is in standby mode.

2. Press  and  simultaneously.

- The print format is printed out. The print format currently selected is indicated by an \*.

If necessary, the print format can be changed.

- > Press  and  again simultaneously.

- The print format currently selected is printed out.

## 5 Using the product

### 5.1. Printing data, testo 175 and testo176

✓ Printer is switched on.

1. Connect the printer and testo175 / testo 176 via the micro USB cable.

- Printer detection is automatic and is indicated as a message.

2. Press  briefly.

- Data is read.

- The estimated read-out time is displayed.



To ensure fault-free data transfer, the connection between the printer and the testo175 / testo 176 must not be interrupted.

3. Start printout.

> Print a log of all recorded data:

press  < 1 s

or

> Print a log of the data since the last time mark was set:

press  > 2 s.



- Data is printed out (LED flashes green).



## 5.2. Printing data, testo 184

✓ Printer is switched on.



1. Move the testo 184 up to the indicated area (distance approx. 0 - 10 mm).
  - The printer is detected automatically and the data is transferred.
2. Remove testo 184.
3. Start printout.
  - > Print a log of all recorded data:  
press  < 1 s
  - or
  - > Print a log of the data since the last time mark was set:  
press  > 2 s.
  - Data is printed out (LED flashes green).