

Handheld Thermal Printer

GeBE®

GPT-4336

**Add-On for Handheld Computer PSION Workabout
Easy Load Technology • 58 mm Paper Width • Text and
Graphics • High Resolution 203 dpi • Battery Operation •
Internal Charging Circuit Sturdy • Shock Absorption •
Tightly Mounted**

**Elektronik und
Feinwerktechnik GmbH**

Module und Geräte zum Eingeben,
Auswerten, Anzeigen und Ausdrucken
analoger und digitaler Daten.

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Easyload thermal printer for the PSION Workabout. A new generation of portable printers - from GeBE !

Short Information

- Compact, efficient thermal printer
- Ergonomically pleasing with highly grippable, protecting rubber casing
- Directly docks to handheld computer PSION Workabout
- For protocol, receipt, and ticket printing
- Lightweight rolls (31 mm diameter, 10 m length)
- Simple paper handling:
Open printer, insert paper, close printer, done!
- High print speed up to 40 mm/s
- High print quality with 203 dpi
- Text, graphics, and bar code printing
- Different character sets (IBM-II/850) with 24, 32, 42, or 54 characters per line
- Optional special character sets
- 384 dots per horizontal line (48mm)
- 4 different printable bar codes:
EAN8 / EAN13 / 2 out of 5 interleaved / code39
- Battery charging PSION Workabout charging station (max. 14h)
- Rapid charging with plug-in power supply (max. 4h)
- Sophisticated power management with multiple energy saving power-down modes
- One charge prints up to 100 m of 58 mm wide roll paper

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GeBE Elektronik und Feinwerktechnik GmbH

Beethovenstr. 15 • Germering • Germany • www.oem-printer.com

Telefon: ++49 (0) 89/894141-0 • Fax: ++49 (0) 89/8402168 • email: sales.ef@gebe.net

Description

Protection through Integrated Casing:

With this thermal printer, GeBE is opening new horizons in printer housing concepts. The casing that has been successfully used for many devices is a protecting rubber cover that is put over the actual device housing and is integrated in the printer housing. This results in great ergonomics and effective shock absorption. The top of the inner metal housing provides the stability needed to attach the printer to the interface connections of the Workabout.

Easy Paper Handling:

The paper supply compartment can be easily opened with a small flap lever that is also available in transparent, showing the paper roll. The paper only needs to be inserted without threading. There is no easier way to insert paper! Since the exchanging of paper rolls does not pose a problem any more, it allows us to work with lighter, smaller paper rolls.

Light Weight -- a True, Mobile "Handheld"

The weight of the paper rolls used in this printer is only about a third of the usual rolls. Therefore, the Workabout remains easy to carry, even when the thermal printer GPT-4336 from GeBE is docked in. This makes it ideal for all mobile applications. Protocol printing for mobile measuring tasks in open terrain, ticket and receipt printing, billing systems, and logistics are typical applications for a handheld computer with a lightweight printer.

Impressive Print Results

There are four character sets with 256 characters each (similar to IBM-II code table 850) and different sizes to choose from. Other character sets like Cyrillic on request. Extensive commands to create a more attractive receipt: Print black on white, print white on black, print gray, underline, select a character size between single- and eight-fold, single or double character width, change horizontal spacing, set effective print width. Text and graphic files (advertising texts and company logos) that can be printed at any time can be stored permanently in the flash memory of the μ -controller, or in the optional 8 - 64 KB serial

EEPROM alterable by the user. The printer independently generates four different bar codes (EAN8 / EAN13 / Code-39 / 2 out of 5 interleaved, others on request). The paper can be transported forward and reverse by the line.

Controlled Reliability

A synchronizing command will cause the printer to give feedback to the Workabout, when the print job has been processed up to this position. The software is protected by a Watchdog. Sensors monitor the paper supply, the temperature at the print head and the battery, as well as the battery voltage.

Battery and Power Management:

The charging process is controlled by the μ -processor of the printer controller.

There are two ways to charge the batteries: The printer has an integrated charging circuit. With the simple, uncontrolled Euro plug-in power supply GNG-6V-0,5A-U-S295, (input 230VAC, special internal resistance, app. 2 m cable with angled hollow connector with 5.5/2,1 mm diameter), the battery is charged through the socket on the bottom with about 0.5A in max. 4 hours. The printer can also be charged through the Workabout by switching on the corresponding output port during the charging of the Workabout, so that 5V (max. 200 mA) can be loaded there. For a completely empty battery, the time for charging will be about 14 hours.

High Efficiency with One Battery Charge:

Since about 70 - 100m of paper can be printed with one complete charge, depending on how much of the total area is blackened, it should be sufficient for one day worth of work in practically all cases. More efficient battery life can be achieved by taking advantage of the power-down modes of the printer. Immediately after printing, the printer can be switched to an energy saving sleep mode (selected parameters are preserved) by command (or automatically, if selected), or a power-off mode (print parameters have to be re-selected after reactivation).

Important Technical Data

Paper- / eff. print width	57.5±0.5 / 48 mm
Paper thickness	50 -- 80 μ m
Roll diameter	max. 31 mm
Paper length	app. 10 m paper (60 μ m)
Resolution	8 dots/mm; 203 dpi
Print speed	up to 40 mm/s
Current in standby mode	app. 8 mA
Current in sleep mode	< 100 μ A
Current in power-off mode	< 10 μ A
Charging through Workabout	max. 14 h
Charging through power supply	max. 4h
Characters / line:	24 / 32 / 42 / 54
Print modes	Text / data / graphics mode
Graphics printing	384 dots / line
Operating temperature	0 - 50 °C
Printed paper	app. 50 km

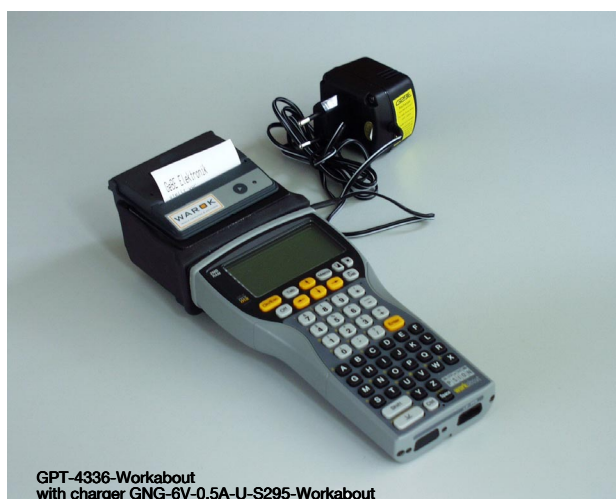
Product List

Katalog Nr.	Bezeichnung
11765	GPT-4336-Workabout
<ul style="list-style-type: none"> • Easyload mini thermal printer for Workabout • printer housing GPT-4352 in rubber casing GMT-4336 • controller GCT-4382-V.24-3V-V1.4 • label with GeBE logo 	

• Docking of printer to other handheld terminals on request

Accessories

11733	GNG-6V-0,5A-U-S295-Workabout
<ul style="list-style-type: none"> • charger Euro connector • input 230VAC • output 6VDC uncontrolled • special Ri • output current max. 0.5A • app. 2 m charging cable ca. 2 m with angled hollow connector 	
11347	GPR-T01-057-031-007-060A
<ul style="list-style-type: none"> • 5 thermal paper rolls, 60 μm, HQ 5 years, 31 mm \pm 0.5 diameter 	
11555	GPR-T01-057-031-007-060A-(Maxi)
<ul style="list-style-type: none"> • 15 thermal paper rolls (11347) as "maxi letter" 	



GPT-4336-Workabout
with charger GNG-6V-0,5A-U-S295-Workabout

Sold by:

In Germany:
Warok Computer & Software GmbH
 Gassenäcker 2 • D-78052 VS-Villingen
 Tel.: +49 (0)7721 2026-30 • Fax: +49 (0) 7721 2026-39
 Email: info@warok.de • Internet: www.warok.de

In the UK:
BLACKROC TECHNOLOGY LTD
 Drummond Road • Astonfields Industrial Estate
 Stafford, England • ST16 3HJ
 Tel: +44 (0)1785 213777 • Fax: +44 (0)1785 251546
 Email: sales@blackroc.com • Internet: www.blackroc.com