

Desktop Thermal Printer

GeBE®

**Elektronik und
Feinwerktechnik GmbH**

Module and devices for input,
analysis, display and printing of
analog and digital data.

GeBE-FLASH® for iOS

58 mm Paper Width

Easy Loading Technology • High Resolution 203 dpi

Text • Graphics • Bar Code

Mobile with Battery Operation • Internal Charging Circuit

Power Management : Power-Saving Power-Down Modes

Bluetooth® Wireless Technology

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Easy Loading Mini Thermal Printer GeBE-FLASH® for iOS. A new generation of portable printers - from GeBE !

Short Information

- Mobile printer for iPod, iPhone or iPad
- GeBE App for click&print of pictures, text, graphics tickets, log, receipts and barcode
- Compact, efficient thermal printers
- Light weight, robust housing with attractive design
- Mobile through battery operation
- Easy paper handling through Easy Paper Loading Technology
- High print speed up to 50 mm/s
- 384 dots per horizontal line (48mm)
- Multiple character sets (IBM-II/850) with 24, 32, 42, or 54 characters per line
- Custom versions for OEMs available for medium quantities

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Description

Accessory and App for iOS Mobile Devices

The GeBE-FLASH® for iOS can be connected as an accessory or app to an iPod, iPhone or iPad for mobile printout application via frame work. The integrated bluetooth® interface connects the GeBE-FLASH® printer easily as an bluetooth device. For example the yellow GeBE company logo can programmed as app button to be used for click& print (see title photo).

Flexible Configuration

The GPT-437x GeBE-FLASH® is a portable, battery operated industrial printer with a robust, fiber glass reinforced plastic housing.

Due to the wide operating temperature range (-10 to 60°C), the GeBE-FLASH® is ideal for outdoor applications.

Paper Handling Made Easy

The Easy Paper Loading Technology makes inserting paper simple and fast. This facilitated the use of a smaller paper roll, allowing the design of this extremely compact housing. The paper supply lid (lever) is also available transparent in order to show the remaining paper.

Small Space Requirements - Light Weight

This handy, lightweight GeBE-FLASH® thermal printer is ideal for space sensitive and mobile applications. Receipt printing, billing systems, log printing for measuring tasks outdoors, and logistics are typical applications.

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. They may be exchanged for other character sets like Cyrillic. The printer always prints with 832 dots per horizontal line pixel graphics, and with the same depth in vertical direction (8 dots/mm equal 203 dpi).

Text and graphic files (advertising texts and company logos) can be stored permanently ,or in the 8 or 32KB serial -EEPROM. The printer independently generates four different bar code types (EAN8 / EAN13 / Code39 / 2 out of 5 interleaved, others on request).

Controlled Reliability

The program flow is monitored by a watchdog. Sensors monitor the paper supply, the power voltage and the print head and battery temperature. With the suitable paper, the printer can be operated from -10°C to 60°C temperature. Printing will automatically be suspended outside this range. The LEDs on the operating console display the status of the power supply and communication through the IR interface, as well as any errors that occurred.

Power Supply and Power Management

The battery pack has four NiMH AA cells with 1,500 mAh. A temperature sensor monitors the battery temperature during the charging process.

The GPT-4378 is equipped with an intelligent charging circuit without limited charging current.

If a sleep time has been set via menu, the printer will switch to the power-down mode as soon as this time has expired. It will be reactivated immediately through any kind of data transfer (including infrared) without losing its settings.

With no sleep time being set, the printer switches to power-off mode after one hour.

Important Technical Data

Paper / eff. print width	57.5±0.5 / 48 mm
Paper thickness	50 - 80 µm
Roll diameter	max. 31 mm
Paper length	app. 10 m paper (60 µm)
Print speed	up to 50 mm/s
Max. current during printing	Limited to max. 0.7A - 6A (adapting to operating voltage)
Power consumption standard	Online idle mode: typ. 5 mA; sleep mode: typ. 25 µA; power-off mode: < 1 µA
Operating temperature	0 - 50 °C, (-10°C on request)
Life span	app. 50 km

Dimensions

