

# GPT-4333 Pocket-SETs

## Thermal Printers with Easy-Load Mini Housing and Battery • V.24 or Infrared

Light grey, portable plastic housing • 58mm paperwidth • sophisticated powermanagement • including all needed Accessories







**Print process:** Thermal printing with fixed print line, no moving parts • **Paper:** width: 57.5 +/- 0.5 mm • thickness: max. 80g/sqm • roll: 31 mm diameter, app.12 m • paper end sensor • paper roll visible through transparent opening lid • **Printing:** text, data and pixel graphics mode, bar code, text and graphics files, company logos • cpl: 24/32/42/54 • printable width: 48 mm (= 384 dots/line) • speed: max 50 mm/sec • **µ-processor system:** 60 KBs flash (factory program update only) • 2 KBs RAM • 128 bytes print buffer • **Additional Functions:** battery charging controller • Power Down • Watch Dog • self test • programmable power limitation • blackening control • **EEPROM memory:** 8 KBs • permanent preserving of data for logo, text files, and Initialization • text files (e.g. start parameters and logos) user programmable • **Character Set:** 4 different sizes • ASCII character set similar to IBM code set 850 • EURO character • **Bar Codes:** EAN8, EAN13, 2 aus 5 interleaved, Code39, others on request • **Data transfer:** bidirectional, Xon/Xoff, or with RS232 also hardware handshake • for infrared, the saved, bidirectional GeBE-IR protocol is used • **Data Format:** 7, 8 data bits; 1, 2 stop bits • parity: none, zero, odd, even • **Command Range:** different formatting commands • pixel graphics commands with data compressing: PCL5 (app. 1:4) • status request: printing progress, error messages • **Operating Elements on the Console:** FEED button • green LED signalizes different operating status of the printer • **Power:** efficient power management through µ-controller • battery: 4 cells NiMH (650 mAh) • current (stand-by): <3 mA • **Mechanical Data:** housing material: ABS plastic • color: light gray RAL7035 • dimensions of the printer housing: 85 x 110 x 47 mm • **Environmental Specs:** operating temperature: -10 / + 60 °C • storage temperature: -20 °C to +85 °C • humidity: 10 - 90 % RLF • life span/quality: printed paper: 50 km • weight: with paper roll <300 g • **Accessories:** matching belt holster • transparent opening lid (exchangeable) • **For OEM:** all pocket printer parts are also available separately • On customer request, modifications in hard or software are possible, like devices without battery with external power supply • special cables • character set, bar code, and protocol adaptations

GeBE-Dokument:  
**SYKI-E-443-V1.0**

Status: 31.07.2003  
Printed: 31.07.2003

German: SYKI-D-442-V1.0

	Pocket Printer RS232 (V.24) Connector	Pocket Printer RS232 (V.24) FIXED Data Cable	Pocket Printer IR ON TOP of the Console	Pocket Printer IR inside the FRONT of the Housing
<b>Catalogue No.</b>	11615	11616	11618	11617
<b>Nomenclature</b>	GPT-4333-Pocket-24-V.24(connector)-gr-SET1	GPT-4333-Pocket-24-V.24(Cable)-gr-SET2	GPT-4333-Pocket-24-IR1(Console)-gr-SET3	GPT-4333-Pocket-24-IR2(Housing)-gr-SET4
				
<b>Applications / Special Features</b>	<ul style="list-style-type: none"> <li>• Protocol printing in cash systems</li> <li>• Printing of short messages</li> <li>• Recording of error messages</li> <li>• Recording of measured values</li> <li>• Automation data readout</li> <li>• Parking ticket distribution</li> </ul>	<ul style="list-style-type: none"> <li>• Service records</li> <li>• Machine monitoring protocols</li> <li>• Printer separate from portable terminal, therefore lighter device</li> <li>• space-saving (mobile applications)</li> </ul>	<ul style="list-style-type: none"> <li>• Connection of the printer through IR</li> <li>• Printer separate from portable terminal</li> <li>• High resolution</li> <li>• Multiple character sets</li> <li>• Fast graphics printing</li> <li>• Text and graphics mixed</li> </ul>	<ul style="list-style-type: none"> <li>• Bar code printing</li> <li>• Printing of receipts with logo, clearly designed</li> <li>• Permanent saving of print parameter changes</li> <li>• Battery operation with charging circuit for stand-alone or weak power supply</li> </ul>
<b>Specialty</b>	<ul style="list-style-type: none"> <li>• <b>Separate data cable</b></li> <li>Serial interface RS232 connectable through miniature connector with 2m data cable with 9 pin SUB-D-socket, compatible with PC</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Fixed data cable</b></li> <li>Serial interface RS232 through attached, 1 m data cable with 9 pin SUB-D-socket, compatible with PC</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Without cable connection</b></li> <li>• Infrared interface, bidirectional through IR transceiver installed above the console</li> <li>• holster printer</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Without cable connection</b></li> <li>• Infrared interface, bidirectional through IR transceiver installed inside the front of the housing</li> <li>• Manual aiming at IR interface</li> </ul>
<b>Serial Interface</b>	RS-232 (9.600 baud)	RS-232 RS-232 (9.600 baud)	--	--
<b>Baud Rates</b>	1.200 to 76.800 kbps	1.200 to 76.800 kbps	--	--
<b>IR Interface</b>	--	--	GeBE IR-protocol	GeBE IR-protocol
<b>Package</b>	<ul style="list-style-type: none"> <li>• <b>Printer with connectable data cable GKA-443-2-2000</b></li> <li>• Charger (special Ri): GNG-6V-0,5A-U</li> <li>• Transparent opening lid (exchangeable)</li> <li>• 5 paper rolls: GPR-T01-057-031-007-060A</li> <li>• Operating manual: SMAN-D-412 or -E-413</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Printer with attached data cable</b></li> <li>• Charger (special Ri): GNG-6V-0,5A-U</li> <li>• Transparent opening lid (exchangeable)</li> <li>• 5 paper rolls: GPR-T01-057-031-007-060A</li> <li>• Operating manual: SMAN-D-412 or -E-413</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Printer without data cable, with IR</b></li> <li>• Charger (special Ri): GNG-6V-0,5A-U</li> <li>• Transparent opening lid (exchangeable)</li> <li>• 5 paper rolls: GPR-T01-057-031-007-060A</li> <li>• Operating manual: SMAN-D-412 or -E-413</li> <li>• Detailed GeBE-IR protocol description</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Printer without data cable, with IR</b></li> <li>• Charger (special Ri): GNG-6V-0,5A-U</li> <li>• Transparent opening lid (exchangeable)</li> <li>• 5 paper rolls: GPR-T01-057-031-007-060A</li> <li>• Operating manual: SMAN-D-412 or -E-413</li> <li>• Detailed GeBE-IR protocol description</li> </ul>
<b>Information Via Internet</b>	<a href="http://www.oem-printer.com/pocket-set1">www.oem-printer.com/pocket-set1</a>	<a href="http://www.oem-printer.com/pocket-set2">www.oem-printer.com/pocket-set2</a>	<a href="http://www.oem-printer.com/pocket-set3">www.oem-printer.com/pocket-set3</a>	<a href="http://www.oem-printer.com/pocket-set4">www.oem-printer.com/pocket-set4</a>

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