



GPT-4454

GeBE-MULDE Maxi

Highlights at first sight:

- built-in thermal printer in a glass fiber reinforced housing
- ideal for protocol, receipt and label printing on paper width 114 mm
- recommended for Siemens SIMATIC HMI panels, for Endress+Hauser ecograph / memograph
- real alternative for A4 printers used in industrial areas, compatible to HP deskjet
- energy saving power management enables long lasting battery operation
- DC/DC converter with wide input voltage range (10-36 VDC) available
- customized versions for medium quantities e.g. operation foil or housing colour

Die GeBE-MULDE Maxi

The thermal printer GeBE-MULDE Maxi (GPT-4454) is built-in a glass fiber reinforced plastic housing and serves the industrial field application stationary implemented. It is a true space-saving alternative to A4 printer systems. Siemens recommends the GeBE-MULDE Maxi for SIMATIC HMI panels as well as Endress+Hauser ecographA, ecographC and memograph. Die GeBE-MULDE Maxi is also compatible to HP deskjet. Various interfaces are standard available. The integrated battery allows mobile operation via bluetooth®. With no printing order in its waiting line, the printer minimizes the current consumption below 10µA.

The GeBE-OPD-Menue® clearly arranges the parameter settings. Supported by the printing functions, a dialog display shows actual settings which can be changed and stored by a two-button-operation.

The GeBE-MULDE Maxi prints on self-adhesive labels. Using the right paper, the printer can be operated in a temperature range of -10°C to +60°C.

Typical application

Protocol printing, e.g. in machines, for technical measurement purposes or documentation /
receipt printing, e.g. at POS or for accounting systems in gastronomy

Accessories

- standard thermal paper roll (art. no. 12028)
- IrDA Modul (art. no. 11339)
- module for magnetic card reader (art. no. 12947), module with timer (art. no. 11829)
- mounting frame (3HE art. no. 12363, DIN 192x144 art. no. 13234)

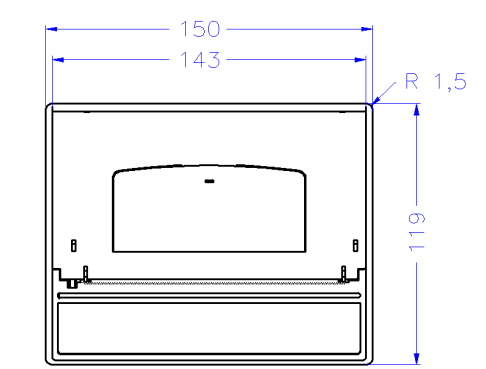
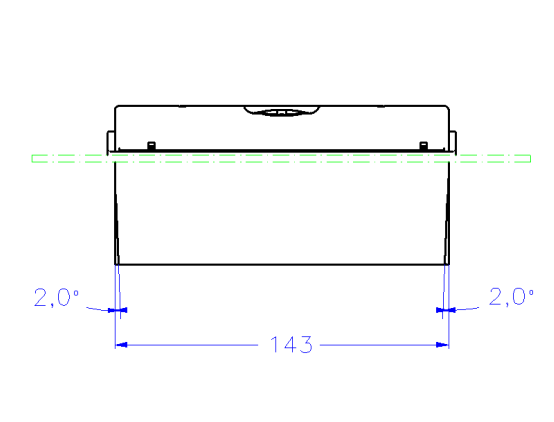
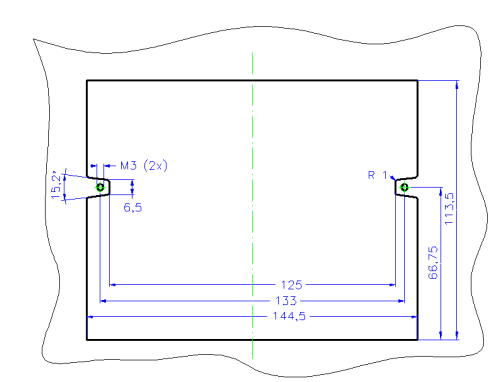
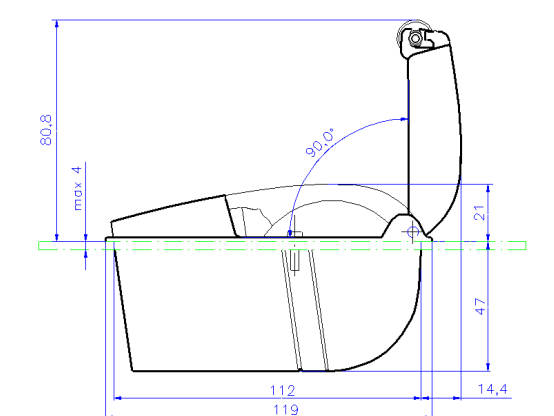
Drivers

The printer controller GCT-4482 / -4486 will be supported by following drivers:

Windows® CE.Net 4.2, 5.0, 6.0 and Windows® XP, Vista, 7, 8, 8.1

Unix via Cups for Linux and Mac OS

Technical drawings



Drawing 1: GeBE-MULDE Maxi for 114 mm paper width

Technical data details

	GPT-4454-DC5	GPT-4454-DC12/DC24
Insert paper	Easy paper loading	Easy paper loading
Print procedure	Thermal direct print	Thermal direct print
Resolution	8 dots/mm (203dpi), 832 dots/line	8 dots/mm (203dpi), 832 dots/line
Print speed	max. 50 mm/s	max. 50 mm/s
Paper / print width	114 / 104 mm	114 / 104 mm
Paper thickness	70 - 100 µm + thin labels	70 - 100 µm + thin labels
Supply voltage	4.5 – 8.5 VDC	10-18 VDC or 18 – 36 VDC
Max. current during print	Adjustable via command: 0.7 – 6.0 A	Adjustable via command: 0.7 – 6.0 A
Current consumption during standby / sleep	5 - 10 mA / 0.1 – 2 mA (depending on interface)	5 - 10 mA / 0.1 – 2 mA (depending on interface)
Available interfaces	RS232, TTL, USB, IrDA, GeBE-Ir, Centronics, Ethernet	RS232, TTL, USB, IrDA, GeBE-Ir, Centronics, Ethernet
Fonts	IBM II 53, 69, 92, 118 characters/line	IBM II 36, 72 characters/line
Bar code	Code39, 2of5 int., EAN13, EAN8	Code39, 2of5 int., EAN13, EAN8
MTBF*	50 km	50 km
Dimensions	152 x 147.2 x 47.6 mm	152 x 147.2 x 47.6 mm
Weight	500 g incl. paper roll	500 g incl. paper roll
Paper roll diameter	max. 60 mm	max. 60 mm
Housing	PA6 with 15% glass fiber	PA6 with 15% glass fiber
Environment	-10°C - +60°C with specified paper	-10°C - +60°C with specified paper

*) Life cycle according to mechanism testing conditions of the manufacturer with specified paper only. Please inquire. The life cycle of the print head is an averaged expectable performance and no guaranteed data. Under optimum conditions, the above listed data can be achieved using specified paper according to our documentation KI-605.

The GeBE logo is a registered trademark of GeBE Elektronik und Feinwerktechnik GmbH. All other brands named in this brochure are properties of the respective companies. The technical data given are non-committal information and do not represent any assurance of certain features. Errors and changes reserved. This technical documentation is only valid until release of a revision. Please always request the newest documentation edition.

Our terms of payment and delivery apply.
Copyright © 2014 GeBE Elektronik und Feinwerktechnik GmbH.
All rights reserved.