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Instruction Manual



Quick Print "G"

ID printer for X-ray films

Instruction Manual for the

Quick Print "G"

ID printer for X-ray films

How to reach us:

pehamed

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English



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Dear valued Customer,

Congratulations on your decision to purchase a high quality product manufactured by **pehamed** in state-of the-art production facilities.

This product's design and features fully comply both with the applicable national as well as international standards.

Our Quality Management System that is based upon and certified according to the ISO 9001 standard ensures that our products, if they are used properly, have an optimum useful service life.

As with all high quality products, you must strictly follow the operating instructions given in this document to ensure long-term, trouble-free and reliable performance.

The **Quick Print "G"** is a universal, compact device for name printing on X-ray films with paper strips in the darkroom.

Scope of Delivery

Please check the completeness of the delivery.

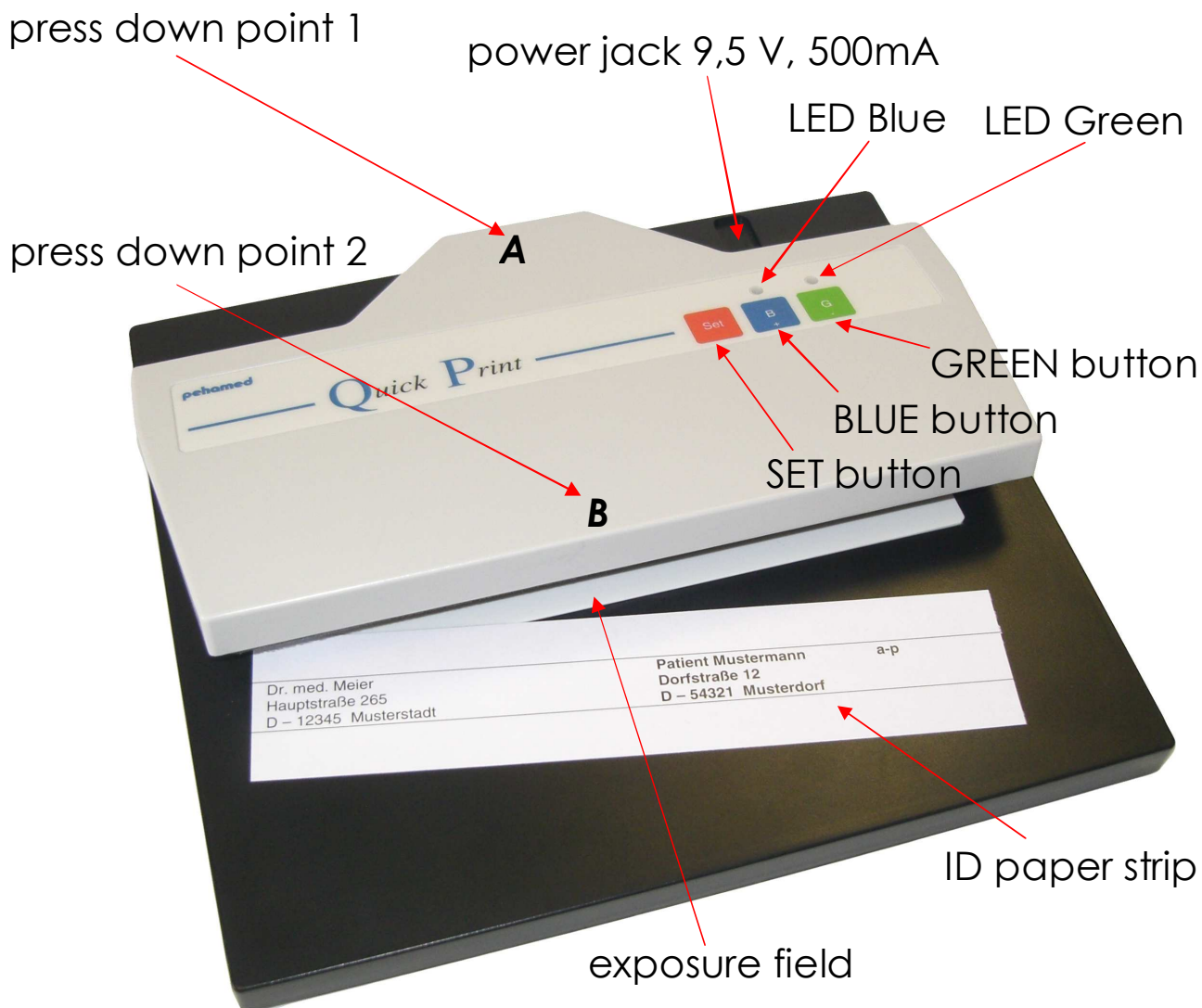
Contact the dealer from whom you purchased the product, if the delivery is not complete.

The purchased product includes the following:

- ID Exposure unit **Quick Print "G"**
- 9,5 Volt Power Adapter
- ID paper strips (blank; 1 sheet)
- This user manual



Device Description



Installation

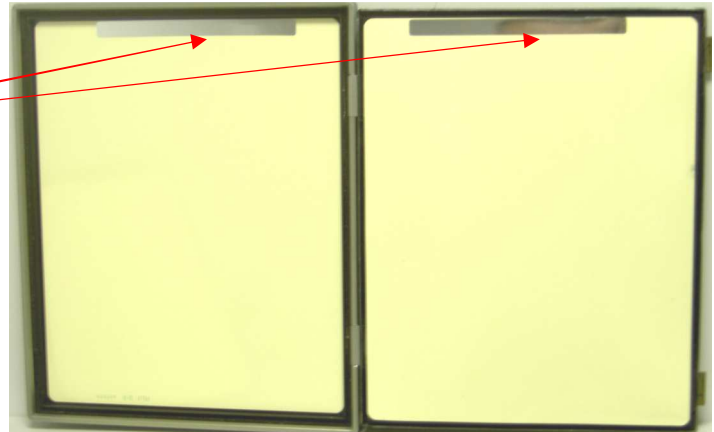
Plug in the power adapter into the power jack (you hear an acoustical signal and one of the LED is flash on).

Preparation of cassettes

The X-ray cassette is to be prepared in that way that a strip on the edge of the film remains free to exposure the doctors- and patient data.

To achieve this a light-tight adhesive strip of about 10-12 mm width must be taped onto the edge the exposure foil.

(In surgical recordings thin lead foil (about 0.3 mm)).



Important: This must be taped on both foils at the same spot.

Operation of the unit

1. Write details on the paper name strip (handwritten, printer, e.g.)

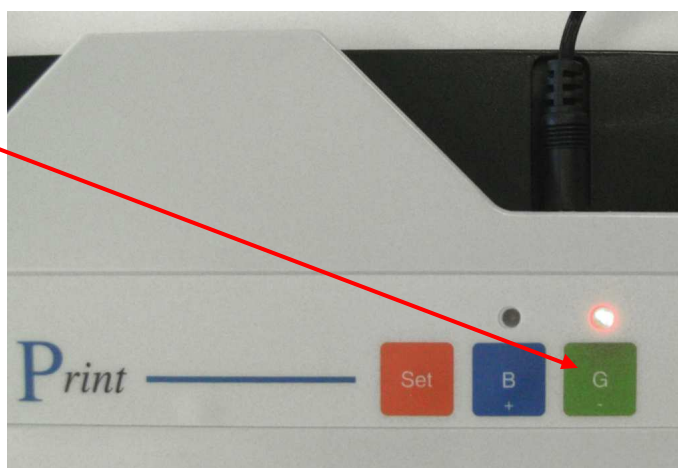


2. Choose the exposure colour (blue or green depending on the sensitivity of the used X-ray film).

Pressing (short) the **BLUE** button (B) for BLUE EXPOSURE

or the **GREEN** button (G) for GREEN EXPOSURE

(you hear an acoustical signal and the LED above the button is flash on).



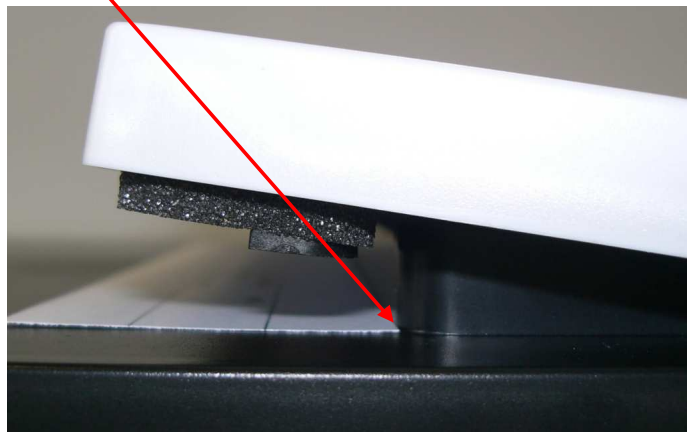
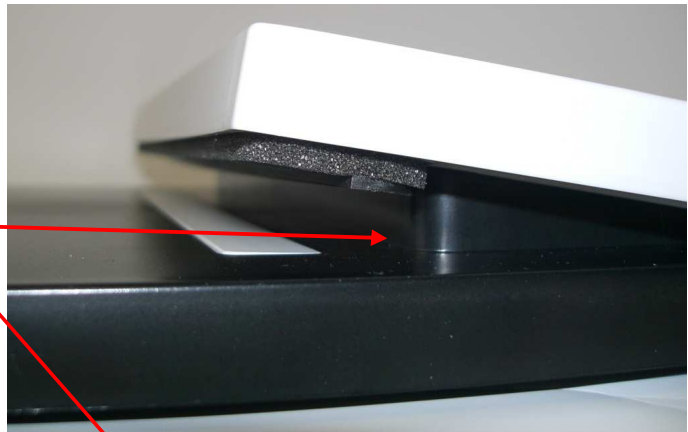
3. Press down the lid of the "Quick Print" at the point **A**



4. insert now the paper name strip ...



... to paper strip stop.



... if the name strips
flushes with the stop ...



... the lid can be
released.



5. Slide the film
on top of the name
strip ...



... to film-stop.

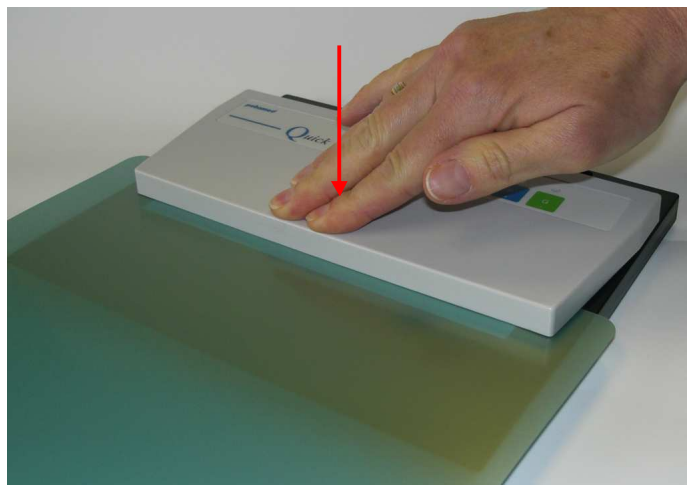


... The name strip have to flush at its stop, the film to be exposed on top of it to its stop.



6. Press down the lid at point **B** until a tone sounds
(for green exposure two tones,
for blue exposure one tone)

7. Now the Exposure is made and the film can be developed.



Changing the exposure time

A general setting for blue and green exposure time is made at the factory.

To change the time:

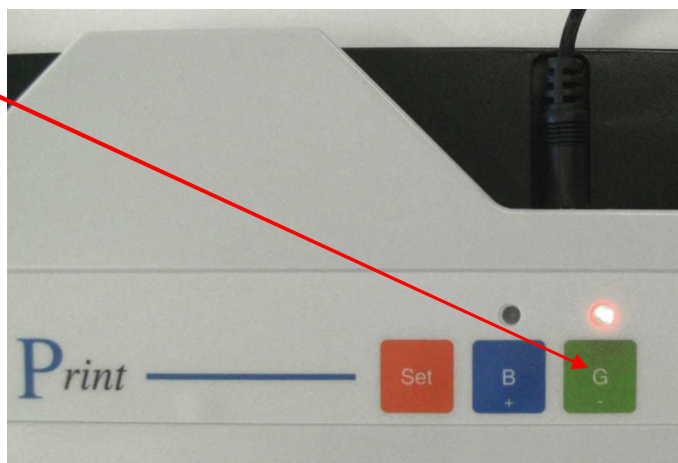
1. plug in the power adapter into the power jack (you hear an acoustical signal and one of the LED is flash on).



2. Then select the colour which is to be changed.

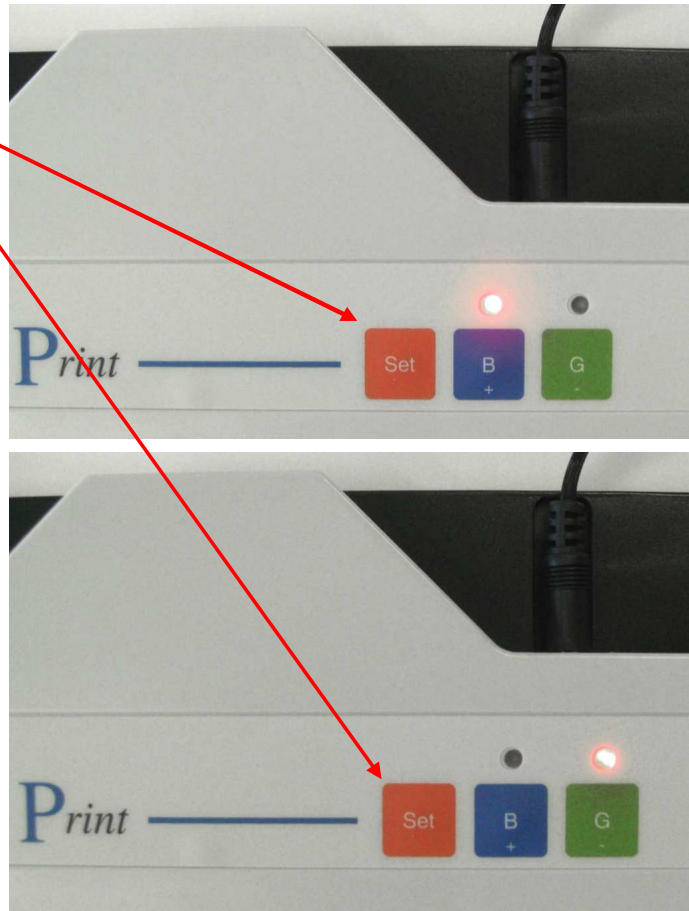
To do this, pressing (short) the **BLUE** button (B) to change the time for BLUE EXPOSURE resp.

the **GREEN** button (G) to change the time for GREEN EXPOSURE (you hear an acoustical signal and the LED above the button is flash on).



3. Now **press and hold** the **SET** button and while holding it press the **BLUE** button to increase (+) the time, press the **GREEN** button to decrease (-) the exposure time.

(As longer the exposure time will be as higher the density of the exposure will be).



Setting the trigger point of exposure

The trigger point for the exposure is set at the factory and must not be adjusted in general.

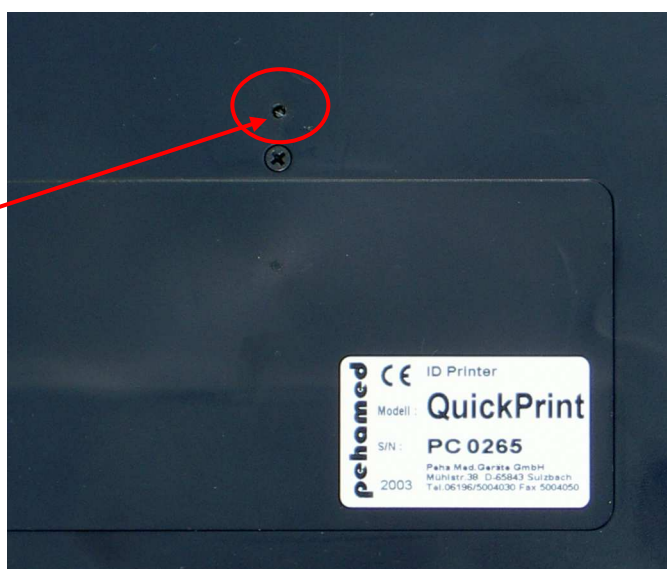
If the exposure for pushing down the lid to point **B** is not optimal triggered, the trigger point can be readjusted as follows:

Rotate the device.

At the bottom of the device, the adjustment screw for the trigger point is now be seen.

If no exposure is made or the lid at point **B** must be pressed too firmly, turn the adjustment screw clockwise (approx. $\frac{1}{4}$ of a turn).

If the exposure trigger prematurely, turn the adjustment screw counterclockwise (about $\frac{1}{4}$ turn).



Technical specifications

Storage temperature:	-10 °C to +60 °C
Operating temperature:	+15°C to +35 °C Rel. Humidity: < 80%
Power supply:	external plug-in power supply 9,5V / 500mA
Dimensions and weight:	28mm x 210mm x 185mm (HxWxD) 750g
Exposure field:	10mm x 160mm (DxW)
Lightsource:	ELC Foil

CE - Declaration of Conformity



Konformitätserklärung Declaration of Conformity

Wir / We
Hersteller / Manufacturer:

PEHA Medizinische Geräte GmbH

Mühlstraße 38

D - 65843 Sulzbach / Ts.

(Bundesrepublik Deutschland / Germany)

pehamed
PEHA MED. GERÄTE GMBH

SYSTEME FÜR
QUALITÄTSKONTROLLE IM RÖNTGEN /
X-RAY QUALITY CONTROL SYSTEMS

RÖNTGEN-ZUBEHÖR /
X-RAY ACCESSORIES

zertifiziert nach: / certified according to:
DIN EN ISO 9001:2008

erklären in alleiniger Verantwortung, dass das Produkt
declare on our own responsibility, that the device

Namen-Aufbelichtungsgerät für Röntgenfilme
Name printer for X-ray films

pehamed "Quick Print G" (Bestell-Nr.: / Order-No.: 009909)

(mit / with "Steckernetzteil" / "Power Adapter" (Bestell-Nr.: / Order-No.: 010128))

allen Anforderungen folgender Europäischen Richtlinien entspricht:
meets all the provisions of the following European Directives which apply to it:

2004 / 108 / EC	(Richtlinie zur elektromagnetischen Verträglichkeit) (EMC-Directive)
2006 / 95 / EC	(Niederspannungs-Richtlinie) (Low Voltage Directive)
2011 / 65 / EC	(Richtlinie zur Beschränkung der Verwendung bestimmter gefährlicher Stoffe in Elektro- und Elektronikgeräten; RoHS II) (RoHS II - Directive)
1907 / 2006 / EC	(REACH – Verordnung für die Registrierung, Bewertung, Zulassung und Beschränkung von Chemikalien) (REACH - Directive)

Ort, Datum:
Place, Date:

Stempel, Name und Funktion
Stamp, Name and Function

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Internet: www.pehamed.de

Sulzbach / Ts.,15.01.2016.....

D. Schwuchow
(Geschäftsführer / General Manager)

Complaint Handling

General Information:

Complaints are handled according to the procedures established within the PEHAMED ISO quality assurance system. The user is requested to submit any complaints in writing directly to the following address:

PEHA med. Geräte GmbH
Mühlstrasse 38
D -65843 Sulzbach / Ts. (Germany)
Tel.: +49 6196 500 40 30, Fax: +49 6196 500 40 50
E-mail: info@pehamed.de

Manufacturer's Guarantee:

General Information

Independent of your guarantee rights vis-à-vis your dealer or distributor, PEHAMED /Sulzbach, as the manufacturer, offers you a 6-month guarantee of the trouble-free function of the **Quick Print "G"** device and its accessories.

This guarantee is limited to material or manufacturing defects that occur during the proper use of the product and that are recognized and submitted as complaints during the guarantee period.

Any additional claims such as for compensation for lost earnings or usage loss are herewith explicitly excluded!

In case of a guarantee claim, PEHAMED shall decide whether to replace the product free-of-charge or to repair it.

The following information must be submitted in the case of a possible guarantee claim:

- Description of the defect
- Purchase date (with invoice copy)
- Product serial number

The costs of packaging and shipping are to be paid by the buyer unless otherwise agreed in writing.
Shipping damage to the device shall be paid by the buyer.

Guarantee Period

The guarantee period is limited to 6 months after the purchase date (to be confirmed by invoice!).

Guarantee Restrictions

The following items are excluded from the guarantee:

- periodic inspections/maintenance work/calibrations/control checks
- defects caused by changes made to the device without written approval of the manufacturer
- damage and defects caused by normal wear and tear
- consumable materials (e.g. rechargeable batteries)
- defects caused by improper use of the device
- defects caused by events or factors beyond the control of the manufacturer such as fire, water, lightning damage, force majeure, etc.
- defects caused by shipping damage

Guarantee:

In addition to the manufacturer's guarantee offered by PEHAMED /Sulzbach, you are also entitled to guarantee claims as foreseen by applicable statutory regulations.