DEWERT

A Phoenix Mecano Company

Operating Instructions for the Manufacturer of the End Product Handset IPROXX® SE/SE+

IPROXX® SE/SE+

Contents

General Information
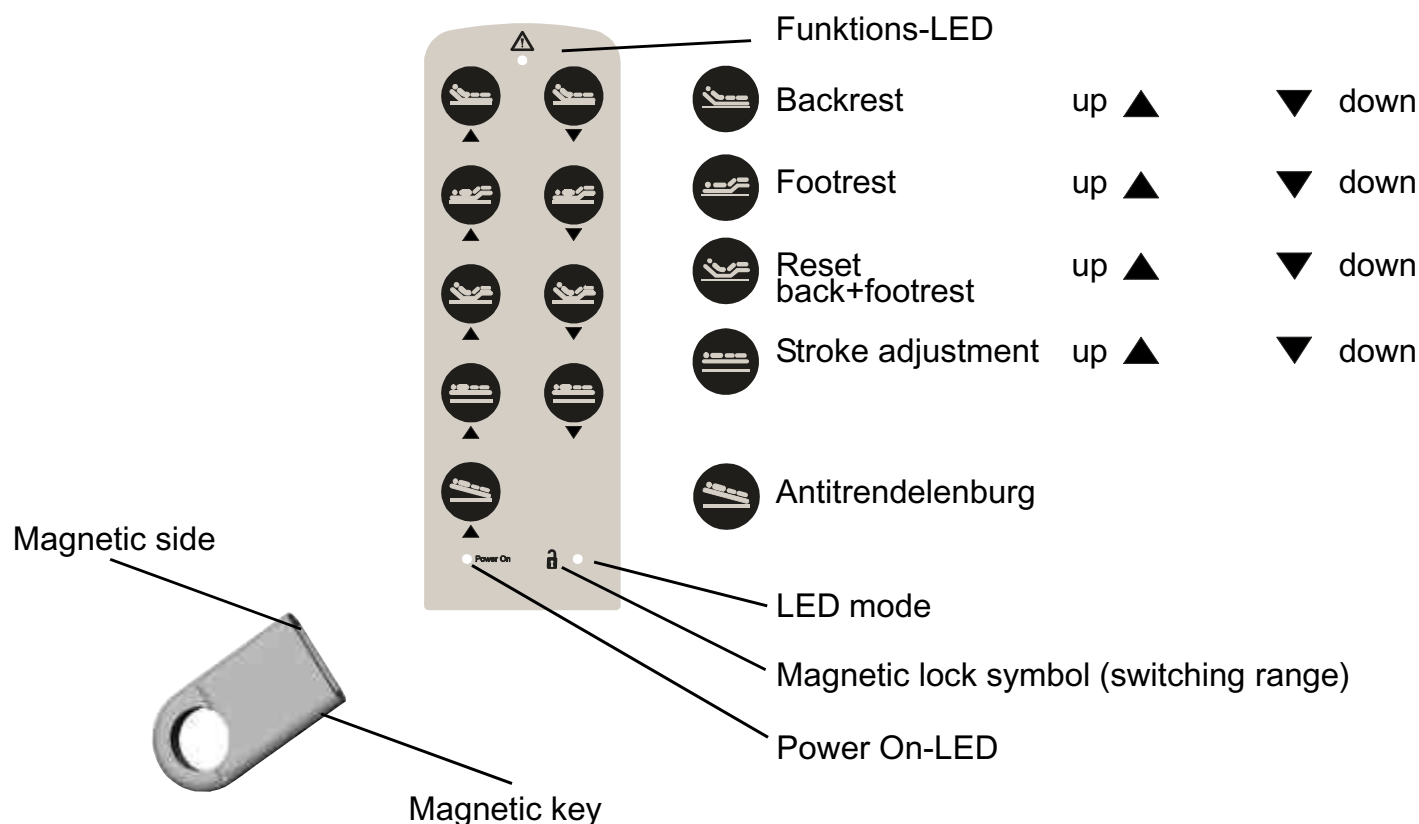
These Operating Instructions are intended for the manufacturer of the end product and not for the end user, the latter case requiring Operating Instructions, Directions for Use combined with the complete drive system.

Note: Keep the handset well away from **magnetic objects and strong magnetic fields** (>= 1 mT). The integrated blocking device can be activated or deactivated.

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Handset IPROXX® SE

Key Configuration

Example: Handset **IPROXX® SE** with 9 adjustment keys.

Funktions-LED

Backrest   up ▲   ▼ down

Footrest   up ▲   ▼ down

Reset back+footrest   up ▲   ▼ down

Stroke adjustment   up ▲   ▼ down

Antitrendelenburg

Magnetic side

Magnetic key

LED mode

Magnetic lock symbol (switching range)
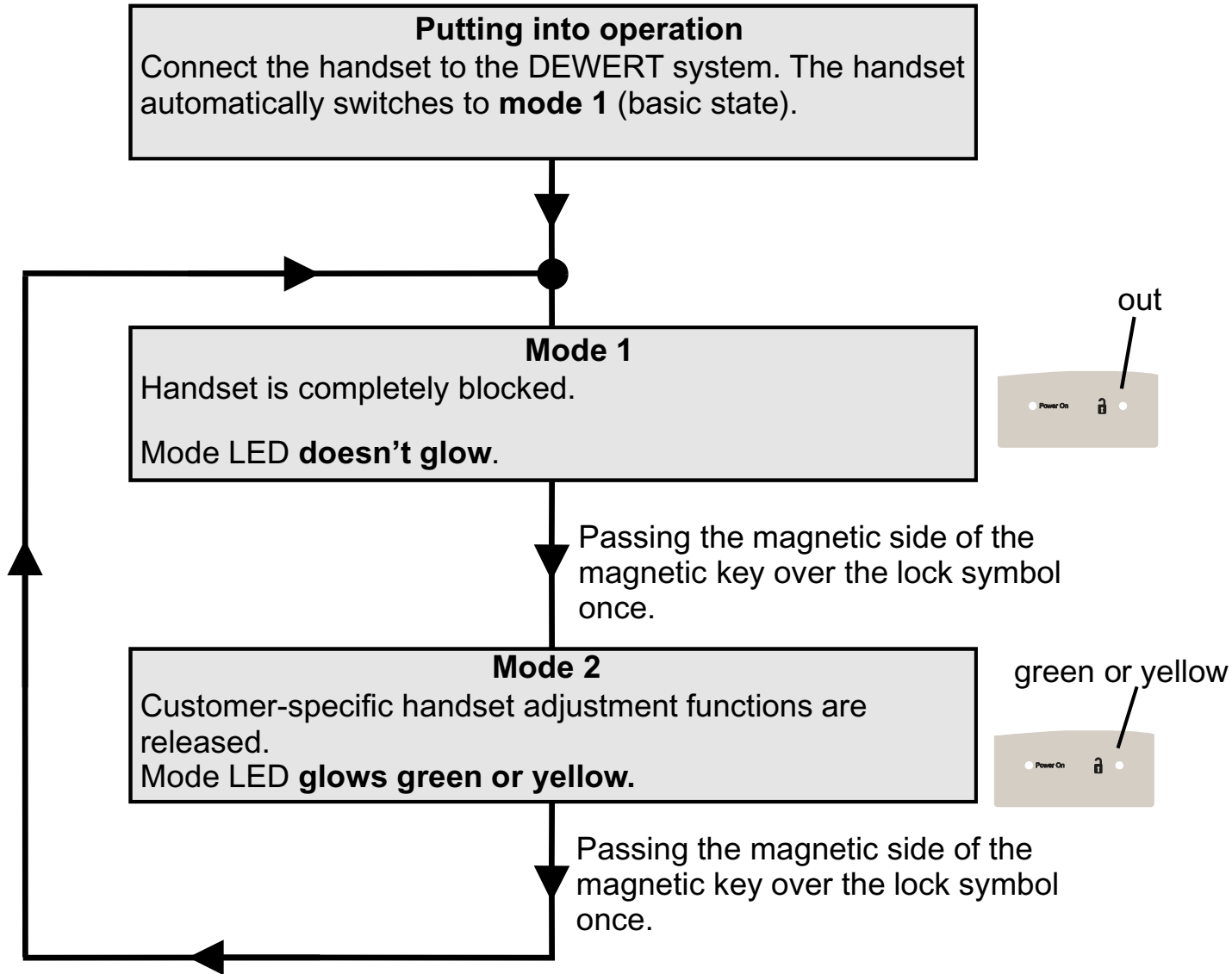
Power On-LED

Function of the blocking device

By **passing the magnetic side** of the **enclosed magnetic key** (ⓐ) over the lock symbol, 2 modes can be **released or blocked**.

- To put the handset into operation, connect it to a **DEWERT control unit**[1] or a **DEWERT-drive**[1] with integral control PCB. The keyboard of the plugged in handset is completely blocked (mode 1).
  The mode LED next to the lock **doesn't glow.**

- **Passing** the magnetic side of the **magnetic key** once over the lock symbol releases the handset adjustment functions. They vary depending on the version or the customer's requirement (mode 2).
  The mode LED next to the lock **glows green or yellow.**
  You can only get to mode 1 by passing the magnetic side of the **magnetic key** once over the lock symbol, there is no time limit for disconnection.

1) Consult your customer contact beforehand in order to prevent any possible **damage** to the product.

IPROXX® SE/SE+

Function Diagram IPROXX® SE

Putting into operation
Connect the handset to the DEWERT system. The handset automatically switches to **mode 1** (basic state).

out

Mode 1
Handset is completely blocked.
Mode LED **doesn't glow**.

Passing the magnetic side of the magnetic key over the lock symbol once.

green or yellow

Mode 2
Customer-specific handset adjustment functions are released.
Mode LED **glows green or yellow.**

Passing the magnetic side of the magnetic key over the lock symbol once.
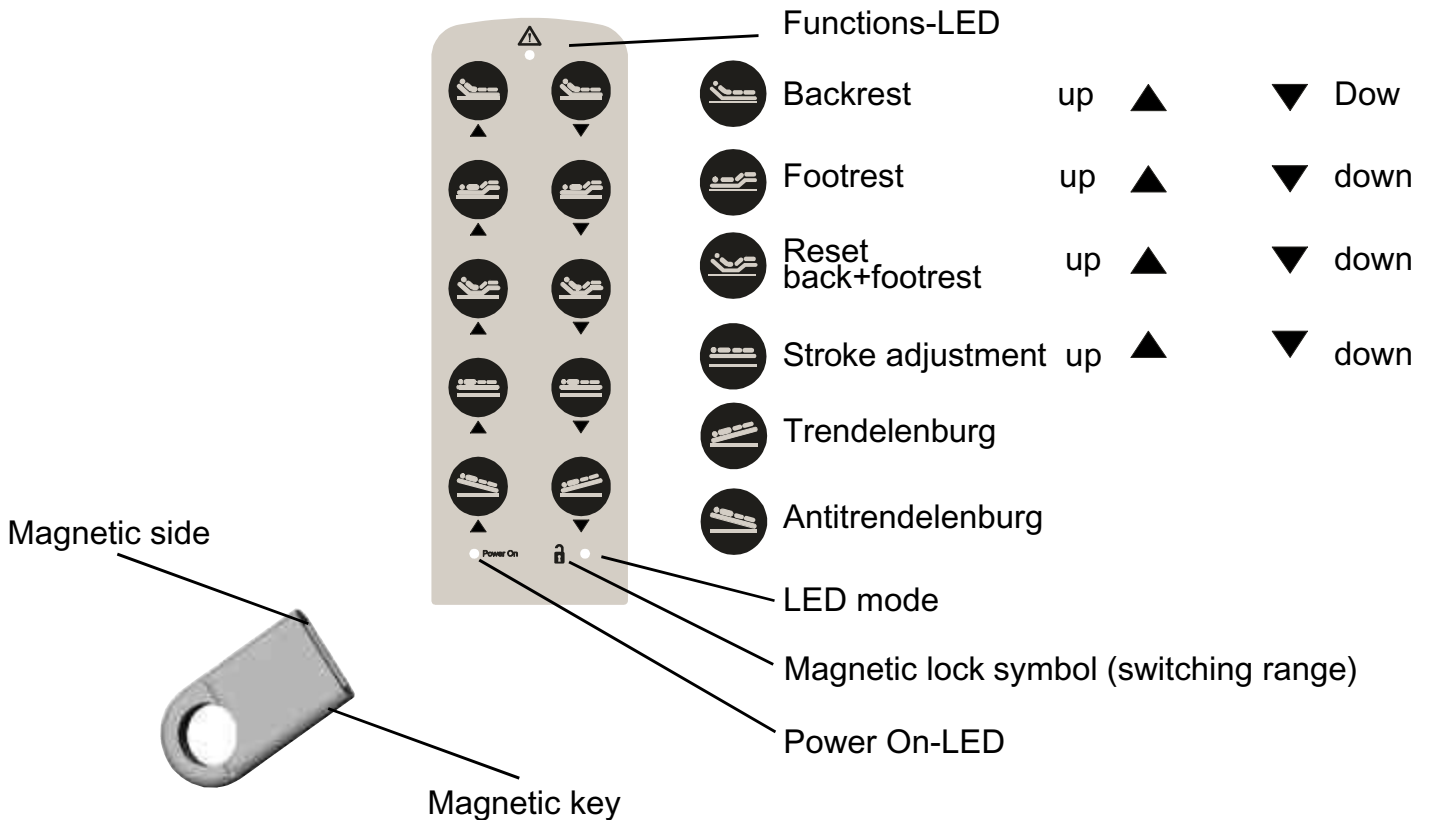
Functions of the display

Function LED   LED **glows green** when a key is pressed,
                    visual display of first-error security.

Power On LED   **with battery charging circuit**
                    LED **flashes yellow** when battery is charging.
                    LED **glows permanently** when battery is fully charged or not
                    connected.

                    without battery charging circuit
                    LED **glows permanently** when connected to the mains.

Handset IPROXX® SE+

Key Configuration

Example: Handset **IPROXX® SE+** with 10 adjustment keys.

Functions-LED

Backrest	up ▲	▼	Dow
Footrest	up ▲	▼	down
Reset back+footrest	up ▲	▼	down
Stroke adjustment	up ▲	▼	down
Trendelenburg			
Antitrendelenburg			

Magnetic side

Magnetic key

LED mode

Magnetic lock symbol (switching range)

Power On-LED

Function of the blocking device

By **passing the magnetic side** of the **enclosed magnetic key** (🔒) over the lock symbol, 3 modes can be **released or blocked**.

- To put the handset into operation, connect it to a **DEWERT control unit**[1] or a **DEWERT-drive**[1] with integral control PCB. The keyboard of the plugged in handset is completely blocked (mode 1).
  The mode LED next to the lock **doesn't glow.**

- **Passing** the magnetic side of the **magnetic key** once over the lock symbol releases the handset adjustment functions. They vary depending on the version or the customer's requirement (mode 2).
  The mode LED next to the lock **glows green.**

1) Consult your customer contact beforehand in order to prevent any possible damage to the product.
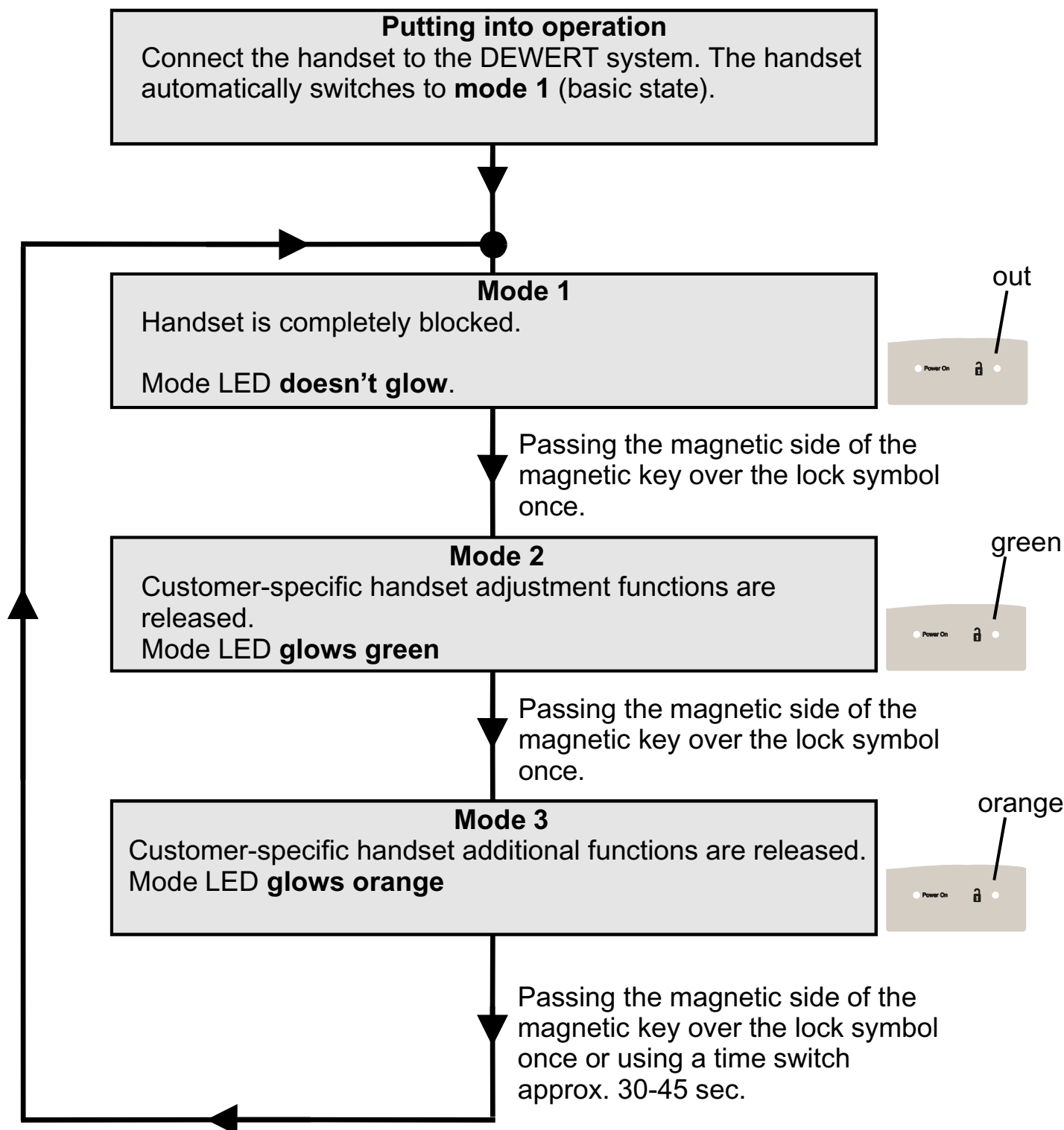
IPROXX® SE/SE+

- By **passing the magnetic side** of the magnetic key over the lock symbol once again, additional functions on the handset (e.g. Trendelenburg, seated position) can be released. They vary depending on the version or the customer`s requirement (mode 3).
  The mode LED next to the lock **glows orange.**
  If no key is pressed after approx. 30-45 seconds of the handset having last been actuated, mode 1 is reset.

Funktionsdiagramm IPROXX® SE+

| **Putting into operation** |
| Connect the handset to the DEWERT system. The handset automatically switches to **mode 1** (basic state). |

out

| **Mode 1** |
| Handset is completely blocked. |
| Mode LED **doesn't glow**. |

Passing the magnetic side of the magnetic key over the lock symbol once.

green

| **Mode 2** |
| Customer-specific handset adjustment functions are released. |
| Mode LED **glows green** |

Passing the magnetic side of the magnetic key over the lock symbol once.

orange

| **Mode 3** |
| Customer-specific handset additional functions are released. |
| Mode LED **glows orange** |

Passing the magnetic side of the magnetic key over the lock symbol once or using a time switch approx. 30-45 sec.

Functions of the display

Function LED   LED **<u>glows green</u>** when a key is pressed,
visual display of first-error security.

Power on LED   **with battery charging circuit**
LED **<u>flashes yellow</u>** when battery is charging.
LED **<u>glows permanently</u>** when battery is fully charged or not
connected.

without battery charging circuit
LED **<u>glows permanently</u>** when connected to the mains.

IPROXX® SE/SE+

Handset faults (control unit with first-error security)

There is a **fault/first error** in the integral blocking device,

- if the LED mode does not glow in the **blocking** device
- if the LED mode does not glow in the **released** state.

Then check the system.

Trouble-shooter's Guide to Detect and Eliminate Faults

The following table has been developed to help you detect and eliminate common faults. If you come across a fault that is not listed here, please contact your supplier.

Problem	Possible Cause	Remedy
Mode LED glows in the blocked state Mode LED doesn't glow in the released state	- Fault in the handset - Fault in the control unit	- contact your supplier/ dealer
No adjustment can be made	- Handset is blocked (after a Power failure the handset automatically switches to the blocked state)	- Release the handset Using the magnet
The function-LED doesn't glow when a key is pressed (control unit with first-error security only)	- Control unit or handset defective	- contact your supplier/ dealer

EC Declarations

EC Declaration of Conformity

according to appendix I of the EC Directive on Electromagnetic Compatibility 89/336/EWG,

The Manufacturer:

> **DEWERT**
> **Antriebs- und Systemtechnik GmbH**
> **Weststr. 1**
> **32278 Kirchlengern**
>
> **Germany**

hereby declares that the drive system described below

> **IPROXX**$^®$ **with DEWERT-drive unit**

meets the following EC Directives:

> **Directive on Electromagnetic Compatibility 89/336/EWG**

Applied Standards:

> **EN 55014-1**
> **EN 55014-2**
> **EN 61000-3-2**
> **EN 61000-3-3**
> **EN 60601-1-2**
> **EN 1970, main section 5.12**

Constructional changes which affect the technical data stated in the Installation Instructions as well as the designated use, in other words which change the drive system in a considerable way, make this Declaration of Conformity null and void!

Kirchlengern, 25th August 2005   Herbert Stumpe
                                        Management

Notes

Notes

Id-no. 44411