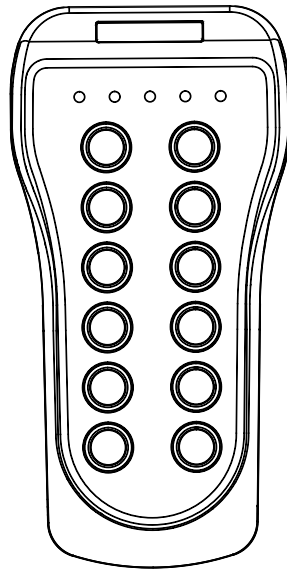


User Manual

Remote Control

Ikompact Transmitter



Revision history

Table of revisions

| Date | Changed | Rev |
|---------------|----------------------|------------|
| February 2019 | Rebranded to Danfoss | 0101 |

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Safety instructions

lcompact general safety

The following safety instructions must be read carefully in order to install and use the product properly and to keep it in perfect working condition and to reduce the risk of misuse.

Potential damage to operator and product.

Do not use this product on machines in potentially explosive atmospheres unless the model is ATEX/RATEX certified to do so.

- Strictly adhere to the installation instructions contained in this document.
- Make sure that professional and competent personnel carry out the installation.
- Ensure that all site and prevailing safety regulations are fully respected.
- Make sure that this document is permanently available to the operator and maintenance personnel.
- Keep the transmission key when the set is not in use.
- On starting each working day, check to make sure that the STOP button and other safety measures are working.
- When in doubt, press the STOP button.
- Whenever several sets have been installed, make sure the transmitter is the right one. Identify the machine controlled on the label for this purpose on the transmitter or by using the display (in case it has one).
- Service the equipment periodically.
- When carrying out repairs, only use spare parts from Danfoss.

lcompact safety warnings

Potential damage to operator and product.

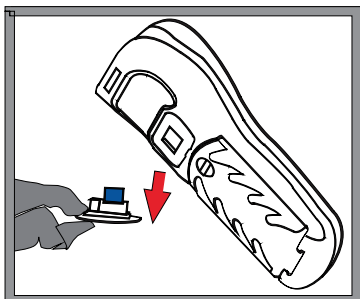
Follow the guidelines below to reduce risk of injury to the operator and the product.

- Use the device with the manufacturer's battery and battery charger (if applicable).
- Only allow qualified personnel to operate the equipment.
- Always set the STOP button in the off position when not in use.
- Always press STOP before plugging in tether cable (if applicable).
- Do not operate product when visibility is limited.
- Make sure product is compatible with the machine.
- Avoid knocking or dropping the product.
- Do not use the product if a failure is detected.

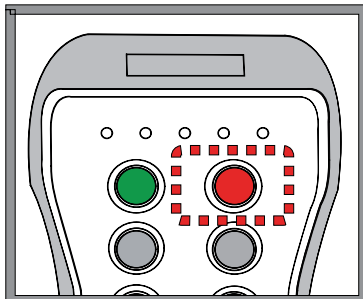
Changes or modifications not approved by Danfoss can void the user's authority to operate this product.

Safety instructions

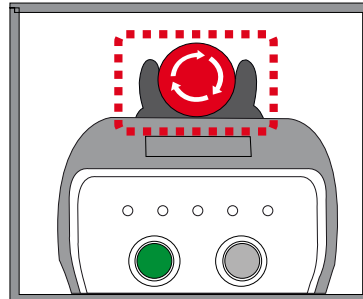
Quick reference precautions



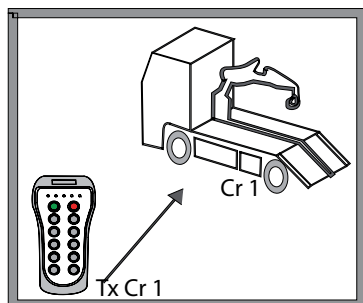
Remove the EEPROM in order to disable the transmitter



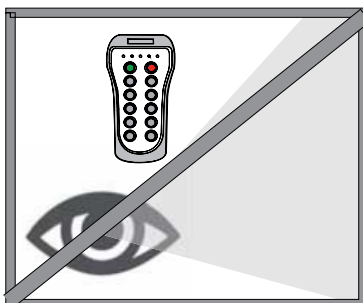
When in doubt, press the STOP button



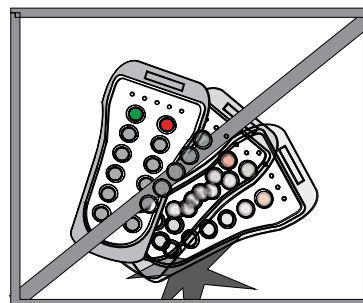
When having the STOP button option, press it when in doubt



Make sure the transmitter works with the machine to be handled



Do not use the set when visibility is limited



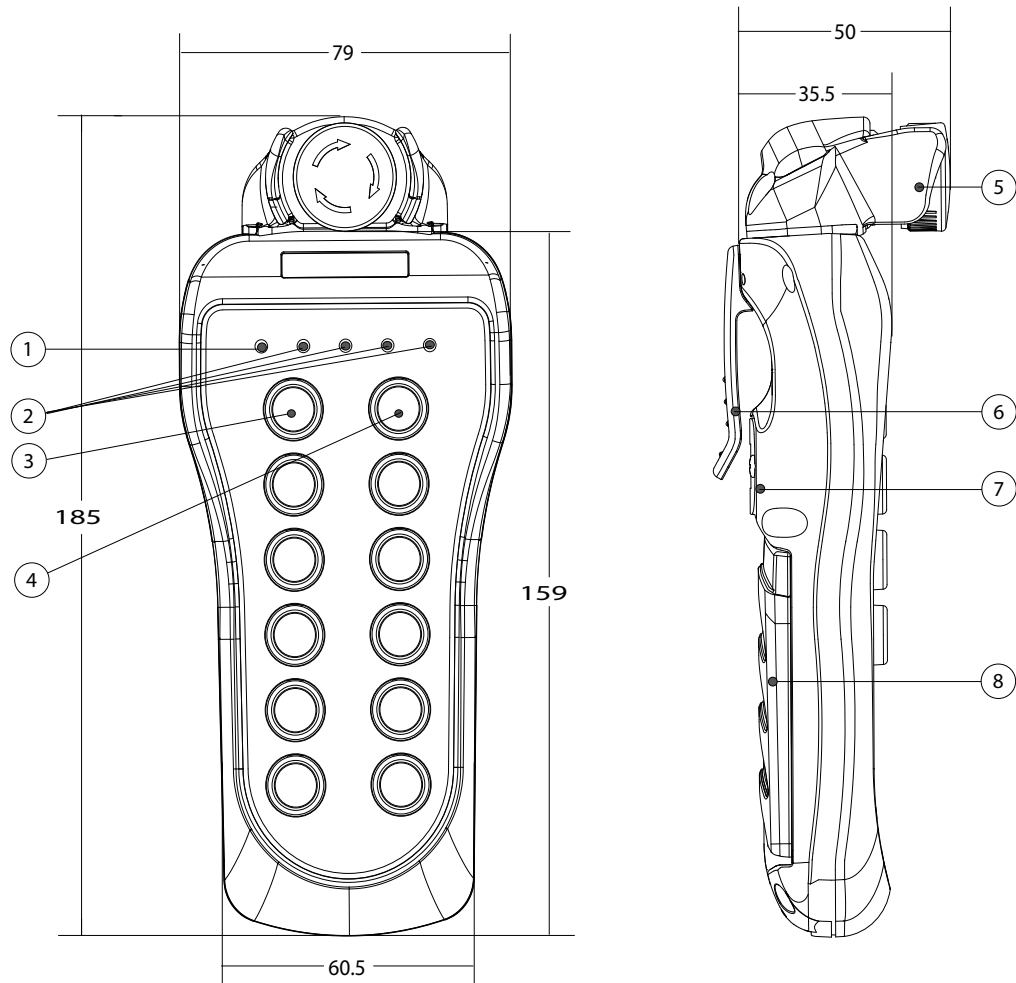
Avoid knocking or dropping the set

Technical description

Ikcompact dimensions and identification

The illustration and list below describe dimensions, buttons and LEDs of the Ikcompact transmitter.

Dimensions in mm



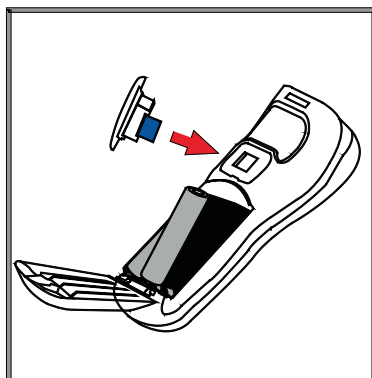
1. Status LED
2. Feedback LEDs
3. Start push-button
4. Stop push-button
5. Stop button option
6. Attachment hook
7. Removable EEPROM module
8. Alkaline batteries module

Technical description

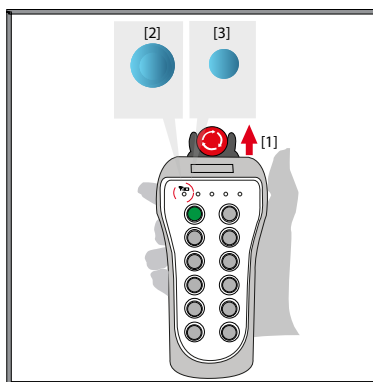
Ikompact start up

Use the information below to properly turn the transmitter ON (OPERATION mode).

1. Place the EEPROM and the charged alkaline batteries.

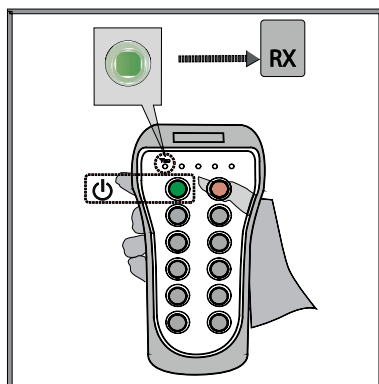


2. Optional: If the transmitter has the STOP button, press and pull it out [1].



The status LED [2] will blink blue until the Stand-by mode is reached and then will turn to a constant blue [3].

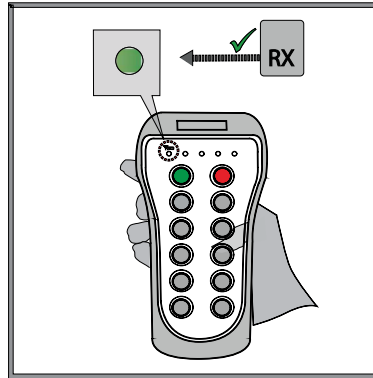
3. If the transmitter does not have the STOP button, press the start button.



The status LED will blink green until the transmitter is linked with the receiver.

Technical description

4. When the receiver confirms the link, the status LED will turn into a constant green and will enter operation mode.



The transmitter is ready to be used.

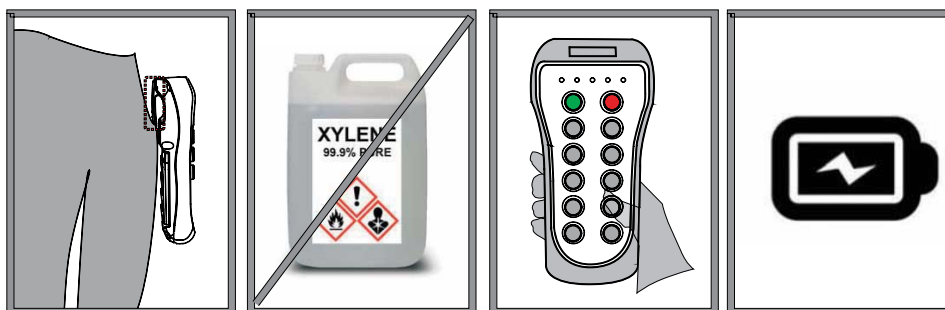
Maintenance

Icompact maintenance tips

This product is designed for use in an industrial environment that may shorten the product's lifespan. Use these tips to maximize the lifespan of the product.

- Use the hook/belt provided with the transmitter to prevent the transmitter from falling
- Do not clean the transmitter with solvents or pressurized water; use a damp cloth or soft brush for cleaning
- If the push buttons show signs of deterioration, contact the Authorized Technical Service for repair
- Check if the battery contacts are correct, otherwise replace them.
- Ensure that the product is supplied with AAA alkaline batteries or has a rechargeable battery
- Be sure to recharge or replace battery regularly











Maintenance tips quick reference



Maintenance

Ikcompact troubleshooting guide

The transmitter has status monitoring LEDs which help to identify errors and warnings. The common signals are shown in the table below.

| Color and frequency | Pulse frequency | Description | Action |
|------------------------|---|---|---|
| Blue fast pulses |  | System is starting; establishing connection with radio and EEPROM | Wait |
| Blue continuous |  | System is in stand-by mode, waiting for user's action | Press START to enter operation mode |
| Green fast pulses |  | Attempting to link with receiver and waiting for response | Wait |
| Green continuous |  | Working | Operate |
| Green slow pulses |  | Latency; no action has been taken for some time | Press START to return to operation mode |
| Red slow pulses |  | EEPROM module missing or corrupt | Check EEPROM and reprogram if necessary |
| Red double pulses |  | Radio communication error | Replace transmitter |
| Red continuous |  | Hardware failure | Replace transmitter |
| Orange slow pulses |  | Critical battery signal | Replace or charge batteries |
| Orange double pulses |  | Activated maneuver | Release maneuver |

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