

# Safety instructions for retrofit radio remote controls

## 1. general safety

- **Quality and certification:** Only use tested and certified products that are suitable for your cable winch. Look out for CE and other safety markings.
  - **Compatibility:** Make sure that the radio remote control is compatible with the specific cable winch.
  - **Manufacturer's instructions:** Strictly adhere to the manufacturer's installation and operating instructions.
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## 2. assembly and installation

- **Professional installation:** Installation should ideally be carried out by a specialist to avoid malfunctions.
  - **Protection from water and dirt:** Make sure that the electronics of the radio remote control are protected from moisture, dust and dirt.
  - **Check cable connections:** Check the cable connections thoroughly for correct polarity and tight connections to avoid short circuits.
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## 3. operation

- **Range and interference:** Test the range of the radio remote control and make sure that there is no radio interference in the vicinity.
  - **Keep the working area clear:** Ensure that the working area of the cable winch is free of people, obstacles or loose objects.
  - **Emergency stop switch:** Use a radio remote control with emergency stop function for additional safety.
  - **No overloading:** Take care not to use the cable winch beyond its load limit.
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## 4. maintenance and testing

- **Regular inspection:** Check the radio remote control and the cable winch regularly for damage or wear.
  - **Check the batteries:** Ensure that the remote control batteries are sufficiently charged to prevent malfunctions.
  - **Check the electronics:** Have the electronics checked regularly for faults and safe functionality.
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## 5. special precautions

- **No intervention during operation:** Do not carry out any maintenance work on the cable winch or remote control while the system is in operation.
- **Protection against misuse:** Keep the radio remote control away from unauthorized persons to prevent operating errors or accidents.
- **Safe storage location:** Keep the remote control in a safe place when it is not in use.

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## 6. behavior in an emergency

- **Immediate switch-off:** In the event of a malfunction or emergency, the cable winch should be switched off immediately. To do this, use the emergency stop function or disconnect the power supply.
  - **First aid:** Make sure that first aid materials are to hand when working with the cable winch and that everyone involved is familiar with the safety measures.
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By following these instructions, you can improve safety when using a radio remote control for electric cable winches and minimize potential risks.