

# Centronic EasyControl

## EC411A-III

en

### Assembly and Operating Instructions

#### Wall transmitter 1-channel

Important information for:

- Fitters / • Electricians / • Users

Please forward accordingly!

These instructions must be kept safe for future reference.

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Becker-Antriebe GmbH  
Friedrich-Ebert-Straße 2-4  
35764 Sinn/Germany  
[www.becker-antriebe.com](http://www.becker-antriebe.com)



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## General

You can control one or more receivers with this transmitter.

This device is exceptionally easy to use.

Please observe these Assembly and Operating Instructions when installing and setting up the equipment.

### Explanation of pictograms

	<b>CAUTION</b>	CAUTION indicates a hazardous situation which, if not avoided, could result in injury.
	<b>ATTENTION</b>	ATTENTION indicates measures that must be taken to avoid damage to property.
		Denotes user tips and other useful information.

## Warranty

Structural modifications and incorrect installation which are not in accordance with these and our other instructions can result in serious injuries, e.g., crushing of limbs. Therefore, structural modifications may only be carried out with our prior approval and strictly in accordance with our instructions, particularly the information contained in these Assembly and Operating Instructions.

Any further processing of the products which does not comply with their intended use is not permitted.

The end product manufacturer and fitter have to ensure that all the relevant current statutory, official and, in particular, EMC regulations are adhered to during utilisation of our products, especially with regard to end product manufacture, installation and customer advice.

# Safety instructions

## General information

- Please keep the instruction manual safe!
- Only use in dry rooms.
- Only use unmodified original parts from the control unit manufacturer.
- Keep children away from control units.
- Observe all pertinent country-specific regulations.
- Dispose of used batteries properly. Only replace the battery with one of the same type (see Technical Data).



### Caution

- **Keep people out of the system's range of travel.**
- **If the system is controlled by one or more transmitters, the system's range of travel must always be visible during operation.**
- **Device contains small parts that can be swallowed.**



### Caution

#### **THIS PRODUCT CONTAINS A LITHIUM BATTERY.**

**If swallowed, a lithium battery can cause severe or fatal injuries within 2 hours.**

**Keep batteries away from children.**

**If you think batteries may have been swallowed or placed inside any part of body, seek immediate medical attention.**

## Intended use

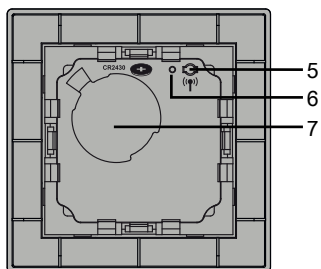
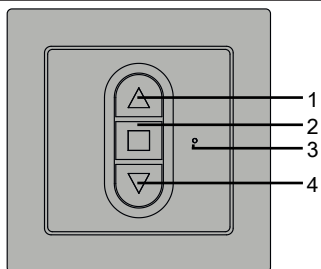
The transmitter described in these instructions must only be used for operating Centronic-compatible radio drives and radio control units.

- Please note that radio-controlled systems may not be used in areas with a high risk of interference (e.g. hospitals, airports).
- The remote control is intended solely for use with equipment and systems in which malfunctions in the transmitter or receiver would not pose any risk to persons, animals or property, or which contain safety devices to eliminate such risks.
- The operator is not protected from interference from other telecommunications systems and terminal equipment (e.g. even from radio-controlled systems which are properly operated in the same frequency range).
- Only connect radio receivers to devices and systems approved by the manufacturer.



- **Ensure that the control unit is not installed or operated close to metal surfaces or magnetic fields.**
- **Radio-controlled systems transmitting on the same frequency may cause reception interference.**
- **Note that the range of the radio signal is limited by legislation as well as by design.**

# Explanation of displays and buttons



1. ▲ button
2. ■ button (STOP)
3. Transmission pilot light
4. ▼ button
5. ● programming button (Ⓟ)
6. Commissioning LED
7. Battery
8. Wall transmitter
9. Frame
10. Wall bracket

## Explanation of functions

### Channel

A channel of the transmitter can be programmed into one or more receivers of a radio control system. One receiver is operated through an individual command, several receivers through a group command.






### Transmission pilot light

A radio signal is indicated by the transmission pilot light lighting up. The transmission pilot light flashes while transmitting if the battery is getting weak. The transmission output and range decrease as the battery power declines. If the transmission pilot light no longer lights up when a button is pressed, the battery must be replaced.

# Commissioning of Centronic



For the setting of limit positions and configurations please refer to the instructions for the Centronic receiver.

Explanation of symbols	
	Up/retract button
	STOP button
	Down/extend button
	Programming button (on the transmitter <sup>(*)</sup> )
	Receiver confirms once or multiple times by “clicking” or “shifting”

## Programming the transmitter

### Putting the receiver into programming mode



Follow the Assembly and Operating Instructions for the receiver.

- Switch off the power supply to the receiver for 5 seconds, then switch it back on.
- or
- Operate the programming button or the radio switch of the receiver.
- The receiver is now in programming mode for 3 minutes.



## Programming the master transmitter

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The master transmitter refers to the very first transmitter programmed in a receiver. In contrast to subsequently programmed transmitters, the master transmitter enables, among other things, the setting of limit positions (for drives with integrated radio receiver) and the programming or deleting of further transmitters. Any transmitter that has separate UP, STOP, DOWN buttons and a programming button can be a master transmitter.







If a transmitter is already programmed in the receiver, press the programming button of the transmitter for 10 seconds.

● 3s	Ⓜ 2x	<p>Press the programming button of the transmitter for 3 seconds whilst in programming mode.</p> <ul style="list-style-type: none"><li>▷ The receiver confirms.</li><li>▶ Programming is now complete.</li></ul>
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## Programming additional transmitters



The number of additional transmitters that can be programmed depends on the receiver. This information can be found in the instructions for the receiver.







		<p>Press the programmed master transmitter's programming button for 3 seconds.</p> <p>▷ The receiver confirms.</p>
		<p>Now press the programming button of a new transmitter which has not yet been programmed in the radio receiver for 3 seconds. Doing so activates the programming mode of the radio receiver for a new transmitter for 3 minutes.</p> <p>▷ The receiver confirms.</p>
		<p>Now re-press the programming button of the new transmitter you wish to program for 3 seconds.</p> <p>▷ The receiver confirms.</p> <p>▶ The new transmitter has now been programmed.</p>

## Deleting transmitters







### Deleting individual transmitters



The programmed master transmitter cannot be deleted. It can only be overwritten.

		<p>Press the programming button on the master transmitter for 3 seconds.</p> <p>▷ The receiver confirms.</p>
		<p>Now press the programming button of the transmitter to be deleted for 3 seconds.</p> <p>▷ The receiver confirms.</p>
		<p>Then re-press the programming button of the transmitter to be deleted for 10 seconds.</p> <p>▷ The receiver confirms.</p> <p>▶ The transmitter is now deleted from the radio receiver.</p>

## Deleting all transmitters (except the master transmitter)

 3s	 1x	<p>Press the programming button on the master transmitter for 3 seconds.</p> <ul style="list-style-type: none"><li>▷ The receiver confirms.</li></ul>
 3s	 1x	<p>Re-press the programming button on the master transmitter for 3 seconds.</p> <ul style="list-style-type: none"><li>▷ The receiver confirms.</li></ul>
 10s	 2x	<p>Then press the programming button on the master transmitter again for 10 seconds.</p> <ul style="list-style-type: none"><li>▷ The receiver confirms.</li><li>▶ All transmitters (except the master transmitter) are now deleted from the radio receiver.</li></ul>

## Overwriting the master

Switch off the power supply to the receiver then switch it back on after 5 seconds, or press the programming button or radio switch on the receiver.

- ▷ The radio receiver remains in programming mode for 3 minutes.



**To ensure that the new master transmitter is programmed in the desired radio receiver only, all other receivers which are connected to the same power supply must be deactivated from the programming mode. To do so, after switching the power back on, execute a drive or stop command using the transmitter for the given receivers.**



10s



Press the programming button of the new master transmitter when programming mode is active for 10 seconds.

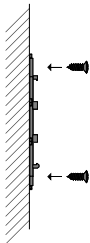
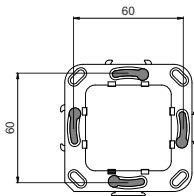
- ▷ The receiver confirms.
- ▶ The new master transmitter has now been programmed and the old master transmitter overwritten.

## Installing the wall bracket



### Caution

If mounted in a switch box, the latter must be empty.



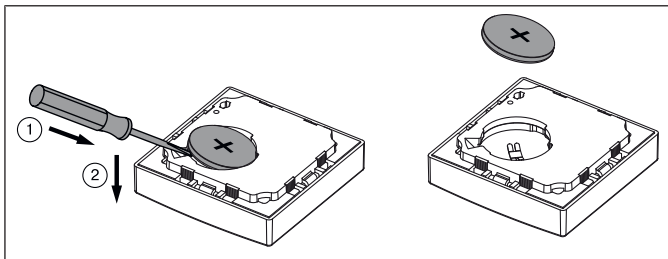
- Before installation in the desired installation position, check that the transmitter and receiver are functioning properly.
- Use two screws to fix the bracket to the wall.



## Changing batteries



You will find the appropriate battery type in the "Technical data" chapter.



## Cleaning

Only clean the device with a suitable cloth. Do not use aggressive cleaning agents that may damage the surface.

## Technical data

Rated voltage	3 V DC
Battery type	CR 2430
Degree of protection	IP 20
Permissible ambient temperature	-10 °C to +55 °C
Maximum emitted transmission output	≤ 3 mW
Radio frequency	915.3 MHz

The maximum transmitter range on and in the building is up to 15 m, and up to 150 m in the open.

## What to do if...?

Problem	Remedy
Tubular drive does not move.	Insert a new battery.
	Insert the battery correctly.
	Reduce distance from receiver.
	Transmitter is not programmed into receiver. Program transmitter.





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