

### EC Declaration of Conformity

EC Declaration of Conformity in accordance with EU Directive 2006/42/EC Annex II 1.A.

The producer:

**erfal GmbH & Co. KG**  
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declares hereby that the following products:

- Venetian blind Basic Line/Mega View with radio remote control and battery drive EAM24
- Pleated blind ESM1/FE with radio remote control and battery drive EAM24
- Pleated blind ESM5 with radio remote control and battery drive EAM24 Top Down
- Pleated blind EWM1/EWM2/PLE12-1/PLE12-2 with radio remote control and battery drive EAM24
- Pleated blind DFC 40 with radio remote control and battery drive EAM24
- Roller blind DFC 22 with radio remote control and battery drive EAM24
- M-roller blinds with radio remote control and battery drive EAM25
- XL-roller blinds with radio remote control and battery drive EAM35
- Double roller blinds with radio remote control and battery drive EAM25
- Roman blind Makom Plus with radio remote control and battery drive EAM25

comply with the regulations of the following EC Directives:

- Machinery (EC Directive 2006/42/EC)
- EMC-Directive 2014/30/EU
- Radio Equipment Directive 2017/53/EU

The objectives of the low-voltage directive 2014/35/EG were fulfilled.

The following standards and technical specifications have been applied:

EN 13120   2014-09	Interior closings – requirements of safety and performance
EN IEC 55014-1:2021/-2:2021	Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus
EN 60335-1:2020-08	Security of electrical devices for the domestic use and similar purposes – Part 1: General requirements
EN 60335-2-97-100:2021-03	Security of electrical devices for the domestic use and similar purposes – Part 2-97: Special requirements for shutters, sun blinds, venetian blinds and similar furnishings
EN 62233:2008-11	Measurement methods for electromagnetic fields of household appliances and similar apparatus with regard to human exposure

Responsible for documentation is:

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Falkenstein, 06.05.2024

Jörg Erler, Managing Director



Make your contribution to environmentally friendly recycling! According to the Electrical and Electronic Equipment Law and the Battery Law (ElektroG, BattG), erfal is obligated to take back controls, drives, other electrical accessories, used batteries as well as accumulators free of charge and to recycle them properly. Customers are legally required to dispose used appliances and used batteries at designated collection points. The delivery should always be in discharged state and protected against short circuits.

# Wireless tubular motor EAM24



## Product description

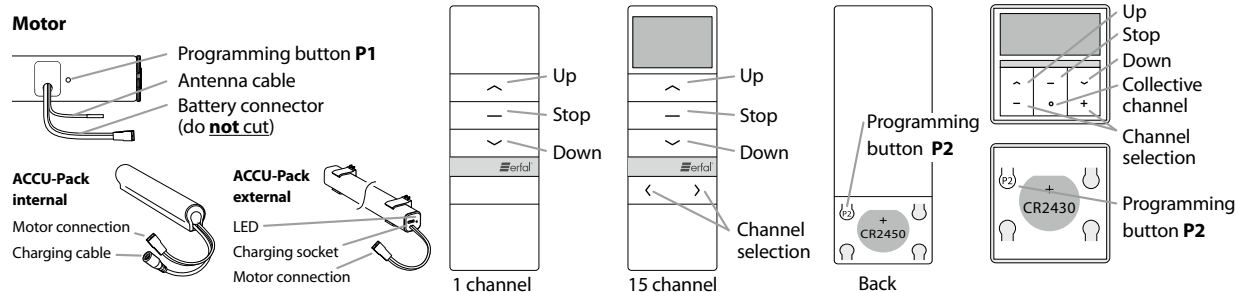


Name: Battery motor EAM24  
 Torque: 0,8 Nm  
 Speed: 34 rpm  
 Voltage: 12 V  
 Performance: 1.18 A  
 Radio frequency: 433,925 MHz  
 Temperature range: 0° / 50° Celsius  
 Protection class: IP20  
 Conformity: CE

## Note

- eACCU-wireless-drives must be protected against shocks during transport, storage and installation. Damaged components must be replaced.
- Please charge the battery full before the first use! Charging time approx. 6 hours. The LED on the charger/external battery lights up red during charging and green when fully charged.
- Charging time approx. 6 hours. The LED on the charger lights up red during charging and green when fully charged.
- Use the original chargers of the EAM-series for charging.
- The programming of the channels as well as the end positions are permanently stored and remain even when the eACCU is completely discharged.
- The radio range is up to approx. 30 m in closed rooms.
- A minimum distance of 20 cm must be respected to avoid interferences when using eACCU-wireless drives.

## Overview



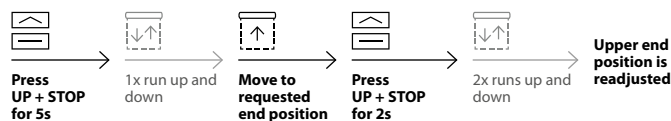
# Programming instructions

You will receive a preconfigured sun protection product with preconfigured end positions.

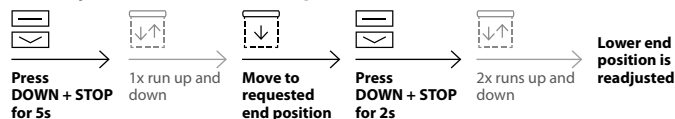
## A Fine adjustment of the end positions

**ATTENTION!** Motor moves to continuous operation after longer keystroke! Urgently stop before reaching the end position and then proceed through a tip.

### Fine adjustment of upper end position



### Fine adjustment of lower end position



## Programming videos



Watch online:  
<http://bit.ly/eACCU-Bedienungsanleitungen>

Subject to technical change. 07 / 2019



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## B Basic settings

Only necessary for motor replacement or after factory reset.

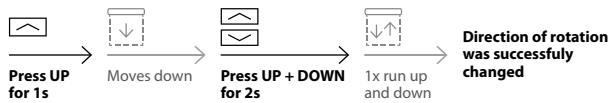
For adjusting the end positions see **A** „Fine adjustment of the end positions“!

If there is an already programmed remote control, continue with **G** „Remote control and channels“.

### Configuring remote control



### Set/change direction of rotation

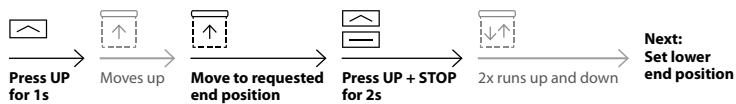


## C Set end positions

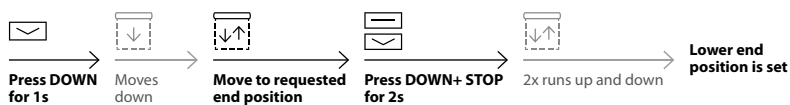
**ATTENTION!** Motor moves to continuous operation after longer keystroke! Urgently stop before reaching the end position and then proceed through a tip..

For adjusting the end positions see **A** „Fine adjustment of the end positions“

### Set upper end position

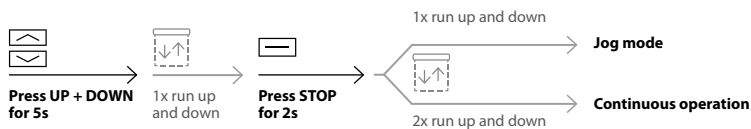


### Set lower end position

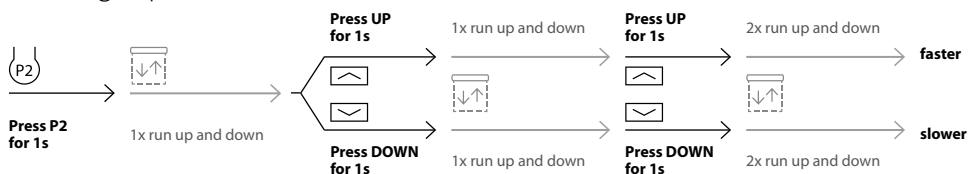


## D Change operation mode to jog mode

Operating in jog mode: The motor moves to continuous operation after 2 sec. of key pressing. Repeat the programming step to switch back to continuous operation.



## E Change speed



## F Set intermediate positions/ stops

**Setting custom stop position** End positions must be set!



### Approach custom stop position



### Remove custom stop position



## G Remote control and channels

### Add remote control or channel

A motor can store up to 10 remote control channels, learning further channels is rejected by the motor.

Note: **A** is the already programmed remote control, **B** is the new remote control which has to be programmed!



### Delete remote control or channel

Note: **A** and **B** are the already programmed remote controls, **B** is the remote control which has to be programmed!



## H Factory reset



## I Malfunctions and troubleshooting

Error	Cause	Solution
Motor is not moving	a) The battery is empty.	a) Charge the battery.
	b) The battery is charging, but not moving.	b) Battery was deeply discharged, wait for certain state of charge.
	c) The remote control is not trained.	c) Follow programming step B.
	d) P1 programming button is pressed but no reaction.	d) The motor is defect, contact sun protection specialist.