

**Coding**

The coding for the transmitter and the receiver have to be concurring to warrant proper functioning. The transmitter contains ten small switches (see 4) so-called DIP switches. Exception: The multi-channel sender only disposes of 6 DIP switches. The 4 missing switches are replaced by turning knob set-up. When the transmitter is opened these are easily accessible. The DIP switches are numbered consecutively from 1 to 10. The receiver also contains 10 DIP switches (see X). Each DIP switch has 2 positions, namely "on" and "off", but the "on" position only is marked. If the position of the DIP switch in the receiver is changed, it is necessary to also change the DIP switch position in the transmitter. Every DIP switch from 1 to 10 must be concurring with the position "on" or "off". Multi-channel sender please look up in the coding key. Change of the ex works coding is recommended, when a number of remote controls are to be used in spatial limited areas. Modification of the works-side coding is recommended in case several remote controls are to be installed in a restricted area.

**coding key - multi-channel sender**

sender	receiver			
adjusting of rotary switch	coding switch 7 - 10			
	7	8	9	10
1	off	off	off	on
2	off	off	on	off
3	off	off	on	on
4	off	on	off	off
5	off	on	off	on
6	off	on	on	off
7	off	on	on	on
8	on	off	off	off
9	on	off	off	on
10	off	off	off	off

The first six coding switches of the multi-channel sender and receiver can be adjusted optionally (safety coding), however sender and receiver must match.

**Working Instructions:**

When the receiver and the motor are correctly installed, the remote control is ready to work.

In the normal case the transmitter has two buttons for electro-controlled shading systems. Each button is responsible for one channel. Each channel performs one movement. The two movements can be: "open" and "close", "right" and "left" or "up" and "down".

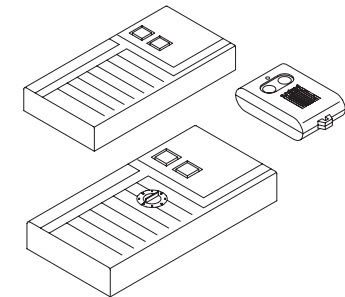
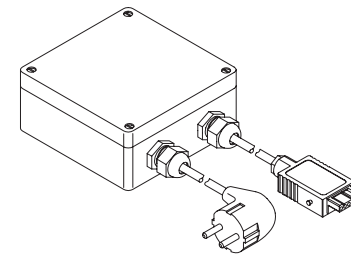
If a button on the transmitter is pressed very shortly - less than one second - the command ist stopped after release of the button. This procedure can serve to set the opening angle.

If a button is pressed longer than a second the receiver goes into the locking position. The command stays switched on even if the button is no more activated. The blind moves into its end position and then switches off automatically. The command in the receiver stays memoried for 2 minutes, then the receiver switches off the command. In case a memoried command is to be switched off, a short pressure on the button is sufficient to activate the opposite direction.

**2 channel radio remote control**

The radio remote control sundrape consists of the receiver which is now able to cover 2 channels. Channel 1 closes the blind and channel 2 opens it. Both channels can be controlled via pushbutton-locking switch. This function is made possible

by a micro-processor which is integrated in the receiver. The maximum control time is also limited by the processor. The motors are switched over potential-free relay contacts. Thus the receiver offers numerous special functions.



**Installation**

1. Open the casing and remove the rolled-up antenna cable (orange colour). Unwind the cable and thread through case opening (1). Put antenna plug (2) on respective junction (3). To get the highest possible range it is important to totally unroll the antenna and to install it in a completely stretched way.
2. All mains connections are to be provided according to the enclosed switching diagram (with 206 831 only). Observe the rules and regulations of VDE and local power suppliers. Type 206 832 comes ready to plug.
3. The motor is connected by a coupling which is supplied with the motor. Cabling of tandem, double tandem, and slope blinds is made according to the plans which are submitted with the motors.

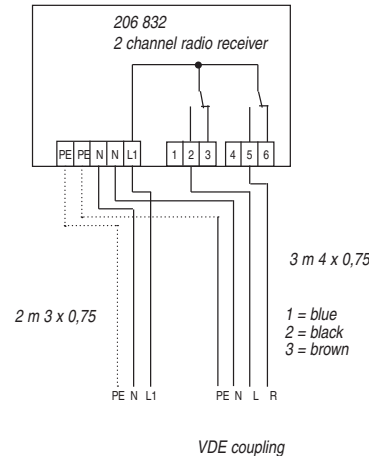
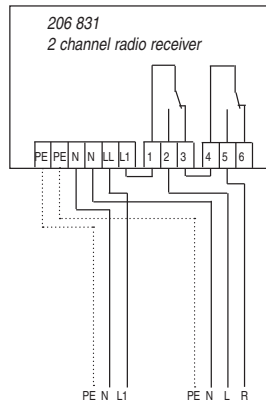
4. The casing can be screwed to the wall or put on the floor. Now the receiver is coded in accordance with the transmitter. Receiver and transmitter are coded identically at works which warrants continuous functioning. Only in case another remote control is installed in the neighbourhood a modification is required.
5. Close casing lid and switch on working voltage. Now the remote control is ready to work.

When using several radio receivers the minimum distance is 0,5 m.

Subject to technical modifications • No guarantee will be granted if these instructions are not observed • 02.2008 • 983 115

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 Im Wiebusch 4-6 • D-27607 Langen-Sievern • fon: +49 (0) 4743.894-0 • fax: +49 (0) 4743.894-300  
 Email: info@sundrape.com • www.sundrape.com

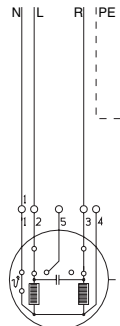
## Connection radio receiver



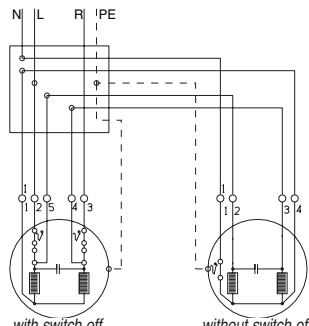
## Connection motors

power supply 230V  
AC/50Hz

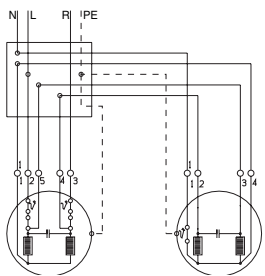
motor connection



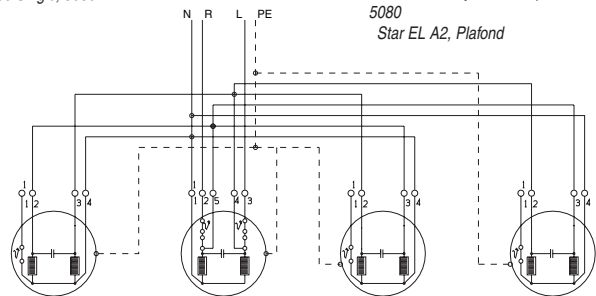
Star EL A1, Corvus, 5060, 5066 Single, 5080



with switch off without switch off  
5060 tandem systems A2 plafond 5080



5066, 5070 and 5090 tandem systems



rail 1

5060, 5070 double tandem systems

rail 2

## 1. Technical data receiver

working voltage: 230 VAC  
(other voltage on request)  
current: 30 mA  
casing: plastic grey  
dimensions: 120 x 120 x 60 mm  
classification  
of protection: IP 65 jet proof  
output: relay output  
loading capacity: 8A with mere resistive load  
frequency: 40 MHz

## 2. Technical data sender

type: 2 channel hand sender  
frequency: 40 MHz  
working voltage: 9VDC battery E-Block working voltage  
Mini: 12VDC battery MN 21  
current: 45 mA  
dimensions: 96 x 60 x 23 mm  
dimensions Mini: 60 x 35 x 15 mm  
range: abt. 30 m (mini 10 m) under optimal conditions. The range can be reduced due to structural conditions e.g. steelreinforced concrete or strong hf fields.

employment: control of a sundrape blind with single, tandem or double tandem motor or use of a sundrape control  
approval: in compliance with CE  
coding: 10 dip switches  
1024 scopes

coding: 10 DIP switches  
1024 scopes  
6 Dip switches + turning knob set-up only multi-channel sender.

battery control: by integrated luminous diode  
empolymnt: control of sundrape radio reciever

attention: The multi-channel sender only disposes of 6 DIP switches. The 4 missing switches are replaced by turning knob set-up. Pls. see page 4 technical instructions.

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coding page 4

