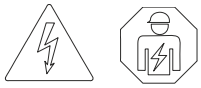
KAISER NIENHAUS

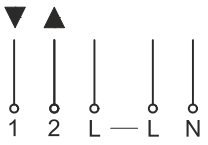
Tastor REG Astro
Item no.: 332600
with daily/weekly program and random function

Installation and
Operating Instructions

Operating Instructions Digital Roller Shutter Control



Connection



SAFETY INSTRUCTIONS

!!WARNING!! Danger of death from electric shock and risk of fire!!

=> Installation, connection and mounting may only be carried out by a qualified electrician!
=> Before installation and maintenance work, disconnect the device from the power supply and check that it is de-energised! The device must also be disconnected from the power supply when changing the battery!
=> Damaged controls must not be put into operation or must be taken out of operation immediately!

- Only connect to the voltage and frequency stated on the control!
- Any interference with or modification of the control voids the warranty!
- Install the control so that exceptionally high interference radiation cannot impair its function!
- Installation and connection may only be carried out in accordance with local building and electrical regulations!
- A roller shutter control is not a toy. Keep children away from the control!
- Persons and objects must not be in the travel range of the roller shutters!

Technical Data

Supply voltage:	230 V/50 Hz ± 10%	Power reserve:	approx. 10 years
Power consumption:	0.2–0.6 W (dep. on switching state)	Battery:	Replaceable / CR 2032
Outputs:	2 NO relays (not potential-free)	Protection rating	IP 20
Switching capacity:	230V / 5A at cos φ = 1	Protection class	II with correct installation
Ambient temp.:	-30°… +50°C	Changeover delay:	min. 0.5 s
Installation:	Distribution board mounting 35mm	Running time:	2.5 min.
Housing:	self-extinguishing thermoplastic	Program:	Weekly and astro program
Accuracy:	+/- 0.5 s/day (at 20°C)	Memory slots:	7 x UP / 7 x DOWN (2 times per day)

Further Important Notes / Use

- The control is used for manual and timed switching of roller shutters.
- Also read and follow the installation instructions of the drive and observe the correctly set end positions!
- Dispose of in an eco-friendly manner!
- Please keep these operating instructions!

Factory Settings

Switching program: UP 07:00; DOWN 21:00
Time: 12:00

Deselecting UP or DOWN Times

To DESELECT a (specific) UP or DOWN time, you can do this during programming (see Programming) in the time setting of the UP or DOWN time. To do so, adjust the time of the desired UP or DOWN time until the display shows the values **--:--**. The corresponding time is then NOT executed.

Buttons / Button Functions

PRESSING THE "UP / PLUS BUTTON":
UP travel command (2.5 min.) or STOP while motor runs

PRESSING THE "MENU BUTTON":
Activates programming mode and immediate STOP when motor is running
PRESSING THE "MENU BUTTON":
Exits programming mode and immediate STOP when motor is running

PRESSING THE "OK BUTTON" in operating mode:
Changes the operating mode or STOP while motor runs
PRESSING THE "OK BUTTON" in programming mode:
Confirms the selection or programming

PRESSING THE "DOWN / MINUS BUTTON":
DOWN travel command (2.5 min.) or STOP while motor runs

Operating Modes / Display Symbols

Operating modes

Pressing the button **OK** activates the available operating modes in turn.
There are 3 modes to choose from:

AUTO	Automatic mode (programmed switching times are active)
	Manual mode (manual operation)
	Random mode (programmed switching times are randomly delayed by 01…31 min.)

Displays in Operation

88:88	Time display
1 2 3 4 5 6 7	Display of the current weekday

Displays in Programming / Programming Mode

	Time setting
P	Switching time entry by clock time
P	Switching time entry by sunrise/sunset (ASTRO)
	Travel direction of the programmed switching time
1 2 3 4 5 6 7	Selection and programming of days / blocks

Settings / Programming

FURTHER STEPS DATE / DAY / TIME:

- Set the year with the PLUS + / MINUS − buttons: "YE"
- Confirm your setting with the button OK
- Set the month with the PLUS + / MINUS − buttons: "Mo"
- Confirm your setting with the button OK
- Set the day with the PLUS + / MINUS − buttons: "dA"
- Confirm your setting with the button OK
- Set the time with the PLUS + / MINUS − buttons: "88:88"
- Confirm your setting with the button OK

FURTHER STEPS PROGRAM:

- With the buttons PLUS + / MINUS − select the method:
  => 1 and 2 3 4 5 6 7 Each day individually
  => 1 2 3 4 5 and 6 7 In blocks (Mo-Fr and Sa-Su)
  => 1 2 3 4 5 6 7 Complete week
- Confirm your selection with the button OK
- With the buttons PLUS + / MINUS − choose between:
  => P ▲ **Up time by clock time**
  => P ▲ **Up time by sunrise (Astro)**
- Confirm your selection with the button OK
- With the buttons PLUS + / MINUS − set the **up time(s)**
- Confirm your selection with the button OK
- With the buttons PLUS + / MINUS − choose between:
  => P ▼ **Down time by clock time**
  => P ▼ **Down time by sunset (Astro)**
- Confirm your selection with the button OK
- With the buttons PLUS + / MINUS − set the **down time(s)**
- Confirm your selection with the button OK

EXPLANATION OF ASTRO SWITCHING TIMES
(switching times according to sunset/sunrise)

- *As **up time(s)** P ▲ or **down time(s)** P ▼ you are offered the the sunrise or sunset time respectively*
- With the PLUS + / MINUS − buttons you can adjust these times as desired *(+/- 2 hours)*
- *The astro switching times are calculated based on the currently set date*
- *The astro switching times shift according to the annual course of the sun*
- *Calculation basis of the astro times: central Germany*