

elero

Sun Shading Solutions Nice

Son radio transmitter

Elegant, functional and ergonomic



elero – Partner to the specialist trade

e l e r o

Design

**For every
application**

The transmitters in the Son series have a unique design: your customers can choose between two colour variants and can decide upon the desired functions. All the models in the Son design line have a high-quality finish, ensure comfortable operation and blend in harmoniously with the home decor.



The Son series at a glance

Be it mini-transmitters, wall-mounted transmitters or hand-held radio transmitters... the controls in the Son series take care of visual and sun protection simply and comfortably. Large push buttons and sliders make operation easier.

Son wall-mounted and hand-held transmitters stand out thanks to their extraordinary radio range.



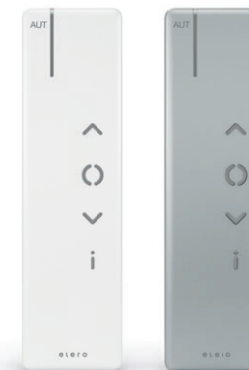
TempoSon-868¹
15-channel hand-held radio transmitter with display, NFC, Astro and slider function and manual/automatic mode switchover in white and silver



VarioSon-868 Slide
6-channel hand-held radio transmitter with slider function and manual/automatic mode switchover in white and silver



LumeroSon-868 Slide
Single-channel hand-held radio transmitter with slider function and manual/automatic mode switchover in white and silver



LumeroSon-868
Single-channel hand-held radio transmitter with manual/automatic mode switchover in white and silver



LumeroSon-868 Mini
Single-channel hand-held radio transmitter with manual/automatic mode switchover in a compact mini design in white and silver



MonoSon-868 Mini
Single-channel hand-held radio transmitter in a compact mini design in white and silver



VarioSon W-868
6-channel wall-mounted radio transmitter with manual/automatic mode switchover in white and silver



LumeroSon W-868
Single-channel wall-mounted radio transmitter with manual/automatic mode switchover in white and silver



MonoSon W-868
Single-channel wall-mounted radio transmitter in white and silver

¹ expected to be available from Q4/2024

Son series

The new hand-held and wall-mounted transmitter generation



1-15

Channel selection

Depending on the model type, the transmitters have **1 to 15 channels**.

S

Slider function

For **stepless dimming** of light and the control of a hanging with slow travel, e.g. when turning slats on venetian blinds (depending on model).

i

Operating mode

In combination with automatic devices, roller shutters and sun protection move in dependence on time and sun protection commands. **This function may be activated or deactivated on the transmitter.**

NFC

NFC Technology

Allows convenient programming via a mobile device.

ASTRO

Astro function

With the Astro function, **individual, time-controlled commands** can be triggered automatically.

↑
○
↓

Ergonomics

The **large, raised buttons** ensure that the transmitters are very easy to control.

All the Son transmitters work with a bidirectional radio system. This ensures that signals are reliably received and processed. Thanks to a true routing function they are securely forwarded. The transmitters are compatible with existing bidirectional elero drives and receivers which use the 868 MHz radio frequency.

The LED status display visualizes the automatic or manual mode

The channel selection buttons can be allocated individually or as a group

The integrated slider (depends on model) makes the operation of light and venetian blinds more comfortable

Large buttons ensure ease of operation

The i button is used to select manual or automatic operation

The new generation of Son radio transmitters (illustrated here VarioSon-868 Slide) is elegant and modern

Thanks to the horizontal footprint the hand-held transmitter can be positioned anywhere



TempoSon-868

15-channel hand-held radio transmitter with display, NFC, Astro, slider and manual-automatic switchover



BiDi
868 MHz

15

S

i

ASTRO

The control is a **15-channel hand-held radio transmitter with slider function**. Transmission and feedback commands are visualised.

The built-in display enables visual control of the settings made.

The **switchover between automatic and manual operation** is also possible on the transmitter.

NFC technology allows convenient programming via a mobile device.

The **angle of the slats** of venetian blinds can be **positioned** using the **slider**. Moreover, lighting can be dimmed steplessly, for example, if these are fitted with suitable elero radio receivers.

With the **Astro function**, individual, time-controlled commands can be triggered automatically.

The elegant control is available in the colours white and silver.

A wall bracket is included in the delivery scope (illustrated on page 17).

Item no.	Description	Quantity
28 704.0001	TempoSon-868 ¹ silver (incl. wall bracket)	1
28 714.0001	TempoSon-868 ¹ white (incl. wall bracket)	1
28 701.0101	Wall bracket black for Son hand-held transmitter (not for Son Mini)	1
28 711.0101	Wall bracket white for Son hand-held transmitter (not for Son Mini)	1

TECHNICAL DATA

Item no.	28 704.0001, 28 714.0001
Battery type (V)	1.5 alkaline (2 x AAA LR03)
Battery operating time	typically ~3 years with 10 transmission commands/day
Radio frequency (MHz)	868
Transmitter power (dBm)	≤ 10
Number of channels	15 bidirectional
Ambient operating temperature (°C)	0 to 50
Relative humidity (%)	max. 85 (not for wet rooms, non-condensing)
Ingress protection (IP)	20
Protection class	II
Weight incl. batteries without bracket (g)	83
Dimensions L x W x H (mm)	155 x 43 x 21
Installation (optional)	wall-mounted
Conformity	CE

¹ expected to be available from Q4/2024

VarioSon-868 Slide

6-channel hand-held radio transmitter with slider and manual-automatic switchover



The control is a **6-channel hand-held radio transmitter**. Transmission and feedback commands are visualised.

The **switchover between automatic and manual operation** is also possible on the transmitter.

The elegant control is available in the colours white and silver.

The **angle of the slats** of venetian blinds can be **positioned** using the **slider**. Moreover, lighting can be dimmed steplessly, for example, if these are fitted with suitable elero radio receivers.

A wall bracket is included in the delivery scope (illustrated on page 17).

Item no.	Description	Quantity
28 703.0001	VarioSon-868 Slide silver (incl. wall bracket)	1
28 713.0001	VarioSon-868 Slide white (incl. wall bracket)	1
28 701.0101	Wall bracket black for Son hand-held transmitter (not for Son Mini)	1
28 711.0101	Wall bracket white for Son hand-held transmitter (not for Son Mini)	1

TECHNICAL DATA

Item no.	28 703.0001, 28 713.0001
Battery type (V)	1.5 alkaline (2 x AAA LR03)
Battery operating time	typically ~3 years with 10 transmission commands/day
Radio frequency (MHz)	868
Transmitter power (dBm)	≤ 10
Number of channels	6 bidirectional
Ambient operating temperature (°C)	0 to 50
Relative humidity (%)	max. 85 (not for wet rooms, non-condensing)
Ingress protection (IP)	20
Protection class	II
Weight incl. batteries without bracket (g)	83
Dimensions L x W x H (mm)	155 x 43 x 21
Installation (optional)	wall-mounted
Conformity	CE

LumeroSon-868 Slide

Single-channel hand-held radio transmitter with slider and manual-automatic switchover



The control is a **single-channel hand-held radio transmitter**. It can be used as a **single, group or central control**. Transmission and feedback commands are visualised.

The **switchover between automatic and manual operation** is also possible on the transmitter.

The elegant control is available in the colours white and silver.

The angle of the slats of venetian blinds can be positioned using the **slider**. Moreover, lighting can be **dimmed steplessly**, for example, if these are fitted with suitable **elero radio receivers**.

A wall bracket is included in the delivery scope (illustrated on page 17).

Item no.	Description	Quantity
28 702.0001	LumeroSon-868 Slide silver (incl. wall bracket)	1
28 712.0001	LumeroSon-868 Slide white (incl. wall bracket)	1
28 701.0101	Wall bracket black for Son hand-held transmitter (not for Son Mini)	1
28 711.0101	Wall bracket white for Son hand-held transmitter (not for Son Mini)	1

TECHNICAL DATA

Item no.	28 702.0001, 28 712.0001
Battery type (V)	1.5 alkaline (2 x AAA LR03)
Battery operating time	typically ~3 years with 10 transmission commands/day
Radio frequency (MHz)	868
Transmitter power (dBm)	≤ 10
Number of channels	1 bidirectional
Ambient operating temperature (°C)	0 to 50
Relative humidity (%)	max. 85 (not for wet rooms, non-condensing)
Ingress protection (IP)	20
Protection class	II
Weight incl. batteries without bracket (g)	83
Dimensions L x W x H (mm)	155 x 43 x 21
Installation (optional)	wall-mounted
Conformity	CE

LumeroSon-868

Single-channel hand-held radio transmitter with manual-automatic switchover



The control is a **single-channel hand-held radio transmitter**. It can be used as a **single, group or central control**. Transmission and feedback commands are visualised.

The **switchover between automatic and manual operation** is also possible on the transmitter.

The elegant control is available in the colours white and silver.

A wall bracket is included in the delivery scope (illustrated on page 17).

Item no.	Description	Quantity
28 701.0001	LumeroSon-868 silver (incl. wall bracket)	1
28 711.0001	LumeroSon-868 white (incl. wall bracket)	1
28 701.0101	Wall bracket black for Son hand-held transmitter (not for Son Mini)	1
28 711.0101	Wall bracket white for Son hand-held transmitter (not for Son Mini)	1

TECHNICAL DATA

Item no.	28 701.0001, 28 711.0001
Battery type (V)	1.5 alkaline (2 x AAA LR03)
Battery operating time	typically ~3 years with 10 transmission commands/day
Radio frequency (MHz)	868
Transmitter power (dBm)	≤ 10
Number of channels	1 bidirectional
Ambient operating temperature (°C)	0 to 50
Relative humidity (%)	max. 85 (not for wet rooms, non-condensing)
Ingress protection (IP)	20
Protection class	II
Weight incl. batteries without bracket (g)	83
Dimensions L x W x H (mm)	155 x 43 x 21
Installation (optional)	wall-mounted
Conformity	CE

LumeroSon-868 Mini

Single-channel hand-held radio transmitter with manual-automatic switchover



The control is a **single-channel hand-held radio transmitter** in a **compact mini design**. It can be used as a **single, group or central control**. Transmission and feedback commands are visualised.

The **switchover between automatic and manual operation** is also possible on the transmitter.

The elegant control is available in the colours white and silver.

A wall bracket in the switch design is included in the delivery scope.

Transmission and feedback commands are visualised.

Item no.	Description	Quantity
28 722.0001	LumeroSon-868 Mini silver (incl. wall bracket)	1
28 732.0001	LumeroSon-868 Mini white (incl. wall bracket)	1
28 721.0101	Wall bracket silver for Son mini-transmitter	1
28 731.0101	Wall bracket white for Son mini-transmitter	1

TECHNICAL DATA

Item no.	28 722.0001, 28 732.0001
Battery type (V)	3 (1 x CR2450 Lithium)
Battery operating time	typically ~3 years with 10 transmission commands/day
Radio frequency (MHz)	868
Transmitter power (dBm)	≤ 10
Number of channels	1 bidirectional
Ambient operating temperature (°C)	0 to 50
Relative humidity	max. 85% (not for wet rooms, non-condensing)
Ingress protection (IP)	20
Protection class	II
Weight incl. batteries (g)	27
Dimensions L x W x H (mm)	40 x 71 x 10 (Mini transmitter), 80 x 80 x 15 (wall bracket)
Installation (optional)	wall-mounted
Conformity	CE

BiDi

868 MHz

1



MonoSon-868 Mini

Single-channel hand-held radio transmitter



The control is a **single-channel hand-held radio transmitter** in a **compact mini design**. It can be used as a single, group or central control.

Transmission and feedback commands are visualised.

The elegant control is available in the colours white and silver.

A wall bracket in the switch design is included in the delivery scope.

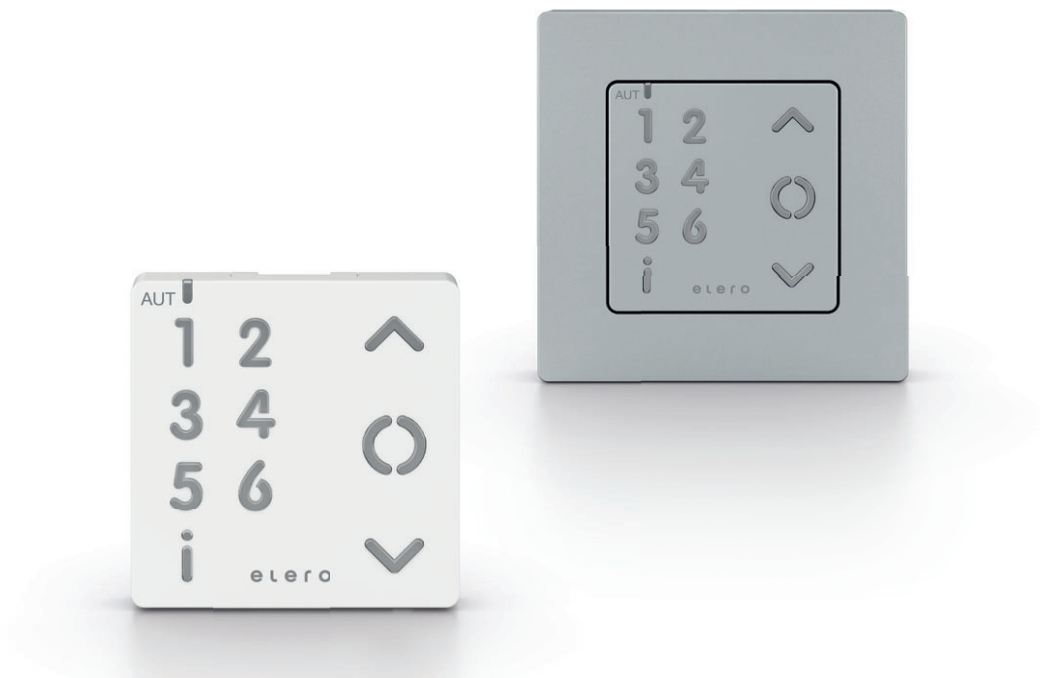
Item no.	Description	Quantity
28 721.0001	MonoSon-868 Mini silver (incl. wall bracket)	1
28 731.0001	MonoSon-868 Mini white (incl. wall bracket)	1
28 721.0101	Wall bracket silver for Son mini-transmitter	1
28 731.0101	Wall bracket white for Son mini-transmitter	1

TECHNICAL DATA

Item no.	28 721.0001, 28 731.0001
Spannungsversorgung	3 (1 x CR2450 Lithium)
Battery operating time	typically ~3 years with 10 transmission commands/day
Radio frequency (MHz)	868
Transmitter power (dBm)	≤ 10
Number of channels	1 bidirectional
Ambient operating temperature (°C)	0 to 50
Relative humidity	max. 85% (not for wet rooms, non-condensing)
Ingress protection (IP)	20
Protection class	II
Weight incl. batteries (g)	27
Dimensions L x W x H (mm)	40 x 71 x 10 (Mini transmitter), 80 x 80 x 15 (wall bracket)
Installation (optional)	wall-mounted
Conformity	CE

VarioSon W-868

6-channel wall-mounted radio transmitter with manual-automatic switchover



BiDi
868 MHz



The control is a **6-channel wall-mounted radio transmitter**. Transmission and feedback commands are visualised.

The **switchover between automatic and manual operation** is also possible on the transmitter.

The elegant control is available in the colours white and silver.

A frame and mounting set are included in the delivery scope. (Further information on pages 16/17).

The wall-mounted radio transmitter is suitable for a **standard 50 x 50 mm device** and **can be combined** with standard switch programs.

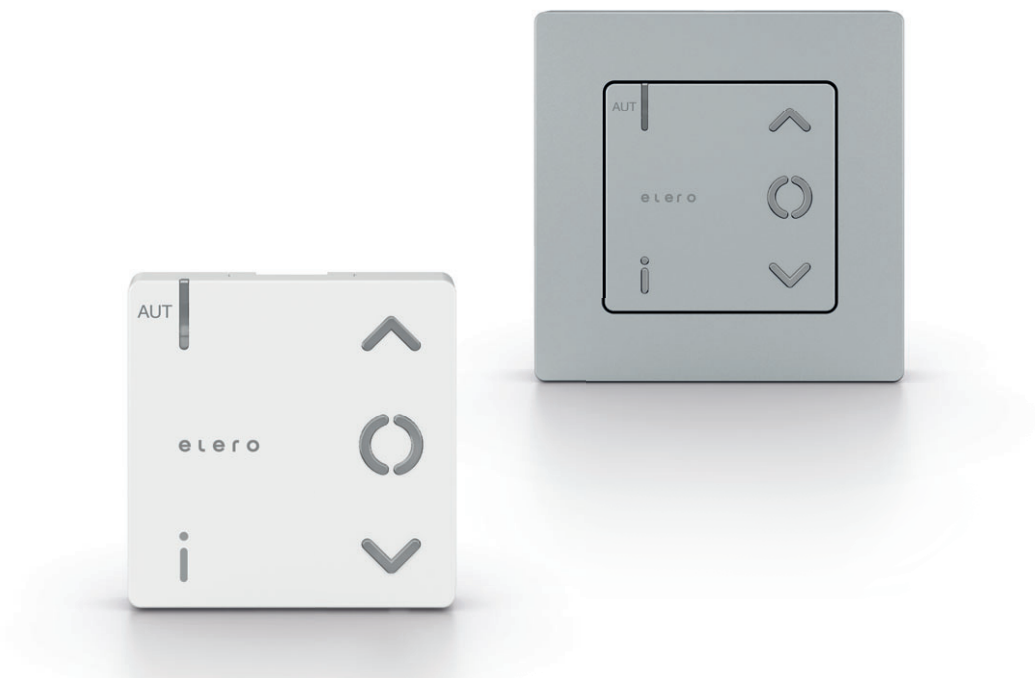
Item no.	Description	Quantity
28 663.0001	VarioSon W-868 silver (incl. frame + mounting plate)	1
28 673.0001	VarioSon W-868 white (incl. frame + mounting plate)	1
28 661.0101	Frame silver for Son wall-mounted transmitter	1
28 671.0101	Frame white for Son wall-mounted transmitter	1
28 599.0001	Mounting plate black for Son wall-mounted transmitter	5

TECHNICAL DATA

Item no.	28 663.0001, 28 673.0001
Battery type (V)	3 (1 x CR2450 Lithium)
Battery operating time	typically ~3 years with 10 transmission commands/day
Radio frequency (MHz)	868
Transmitter power (dBm)	≤ 10
Number of channels	6 bidirectional
Ambient operating temperature (°C)	0 to 50
Relative humidity (%)	max. 85 (not for wet rooms, non-condensing)
Ingress protection (IP)	20
Protection class	II
Weight incl. batteries (g)	25
Dimensions L x W x H without frame (mm)	50 x 50 x 10
Installation	wall-mounted
Conformity	CE

LumeroSon W-868

Single-channel wall-mounted radio transmitter with manual-automatic switchover



BiDi
868 MHz



The control is a **single-channel wall-mounted radio transmitter**. It can be used as a **single, group or central control**. Transmission and feedback commands are visualised.

The **switchover between automatic and manual operation** is also possible on the transmitter.

The elegant control is available in the colours white and silver.

A frame and mounting set are included in the delivery scope. (Further information on pages 16/17).

The wall-mounted radio transmitter is suitable for a **standard 50 x 50 mm device** and **can be combined** with standard switch programs.

Item no.	Description	Quantity
28 662.0001	LumeroSon W-868 silver (incl. frame + mounting plate)	1
28 672.0001	LumeroSon W-868 white (incl. frame + mounting plate)	1
28 661.0101	Frame silver for Son wall-mounted transmitter	1
28 671.0101	Frame white for Son wall-mounted transmitter	1
28 599.0001	Mounting plate black for Son wall-mounted transmitter	5

TECHNICAL DATA

Item no.	28 662.0001, 28 672.0001
Battery type (V)	3 (1 x CR2450 Lithium)
Battery operating time	typically ~3 years with 10 transmission commands/day
Radio frequency (MHz)	868
Transmitter power (dBm)	≤ 10
Number of channels	1 bidirectional
Ambient operating temperature (°C)	0 to 50
Relative humidity	max. 85% (not for wet rooms, non-condensing)
Ingress protection (IP)	20
Protection class	II
Weight incl. batteries (g)	25
Dimensions L x W x H without frame (mm)	50 x 50 x 10
Installation	wall-mounted
Conformity	CE

MonoSon W-868

Single-channel wall-mounted radio transmitter



BiDi
868 MHz



The control is a **single-channel wall-mounted radio transmitter**. It can be used as a **single, group or central control**. Transmission and feedback commands are visualised.

The elegant control is available in the colours white and silver.

A frame and mounting set are included in the delivery scope. (Further information on pages 16/17).

The wall-mounted radio transmitter is suitable for a **standard 50 x 50 mm device** and **can be combined** with standard switch programs.

Item no.	Description	Quantity
28 661.0001	MonoSon W-868 silver (incl. frame + mounting plate)	1
28 671.0001	MonoSon W-868 white (incl. frame + mounting plate)	1
28 661.0101	Frame silver for Son wall-mounted transmitter	1
28 671.0101	Frame white for Son wall-mounted transmitter	1
28 599.0001	Mounting plate black for Son wall-mounted transmitter	5

TECHNICAL DATA

Item no.	28 661.0001, 28 671.0001
Battery type (V)	3 (1 x CR2450 Lithium)
Battery operating time	typically ~3 years with 10 transmission commands/day
Radio frequency (MHz)	868
Transmitter power (dBm)	≤ 10
Number of channels	1 bidirectional
Ambient operating temperature (°C)	0 to 50
Relative humidity	max. 85% (not for wet rooms, non-condensing)
Ingress protection (IP)	20
Protection class	II
Weight incl. batteries (g)	25
Dimensions L x W x H without frame (mm)	50 x 50 x 10
Installation	wall-mounted
Conformity	CE

Really quite clever

Everywhere the right radio transmitter

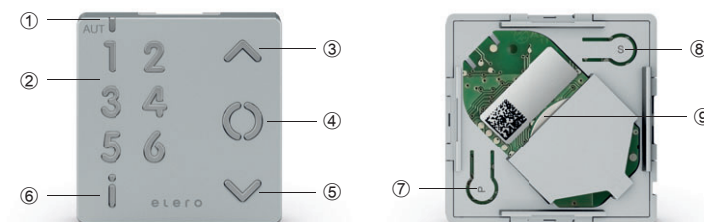
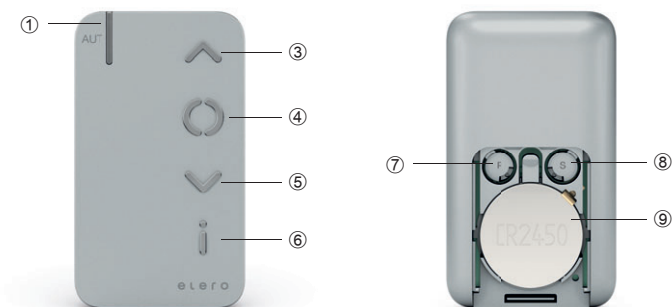
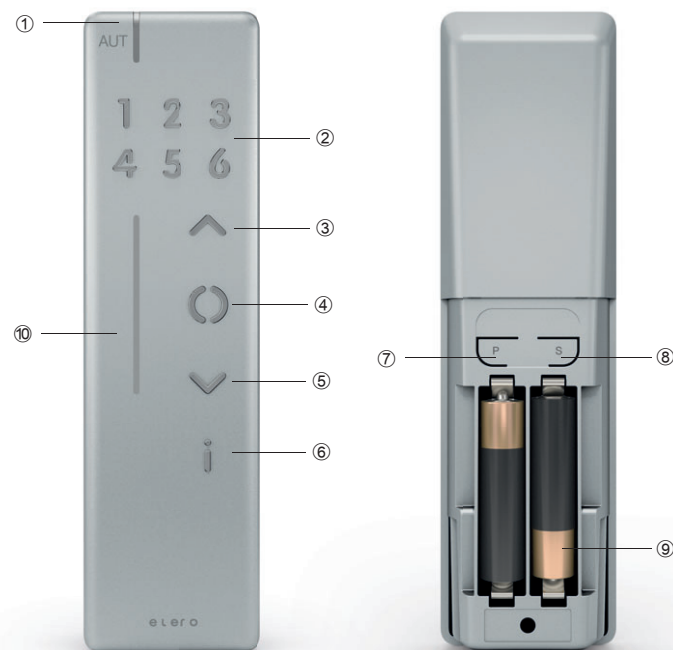
A mini-transmitter that sits easily in the pocket, a hand-held radio transmitter for the sideboard, and wall-mounted transmitters for immediate operation of visual and sun protection.

The transmitters in the Son series are attractive, easy to operate and, moreover, very easy to teach in. In addition to the programming button, they have an S button for selective learning. This makes it possible to place just one radio control or receiver in the learning mode at any time. This saves a lot of time on a construction site.

► SON VIDEO



ergonomic operation, simple teaching-in



Visualised feedback using LED status display ①:



Individual radio channel or selected radio channels are in automatic operating mode



Individual radio channel or selected radio channels are in manual operating mode



Selected radio channels are in different automatic or manual operating modes

- ① LED status display
- ② Channel selection buttons
- ③ Command button UP
- ④ Command button STOP
- ⑤ Command button DOWN
- ⑥ Selection button operating mode
- ⑦ Learning button P
- ⑧ Selective learning button S
- ⑨ Batteries
- ⑩ Slider

With the Selective learning button S ⑧ it is possible to place just one radio receiver/radio drive in the teach-in mode:

- Press the **Selective learning** button
- All actors in the learning mode are recognised and listed – in descending order by signal strength
- The actuator with the strongest signal starts to move and can be taught-in
- Clicking the S button again switches to the next drive or receiver



Small but perfectly-formed – the mini-transmitters also cut a dashing figure in the tray. They are extremely compact and thanks to the wall bracket can always be placed wherever they are needed.



All Son wall-mounted transmitters comprise the operating unit, a standard 50 x 50 mm frame for all the common switch programs and a mounting set to ensure they are securely fixed to the wall.



Practical and solid – the radio transmitters are supplied with a wall bracket, but thanks to their large footprint can also simply be placed in a standing position.

Overview Son transmitters

Item	TempoSon-868 ¹	VarioSon-868 Slide	LumeroSon-868 Slide	LumeroSon-868	LumeroSon-868 Mini	MonoSon-868 Mini	VarioSon W-868	LumeroSon W-868	MonoSon W-868
Radio hand-held transmitter	•	•	•	•	•	•			
Radio wall-mounted transmitter					•	•	•	•	•
Channels	15	6	1	1	1	1	6	1	1
Slider function	•	•	•						
Manual/automatic switchover	•	•	•	•	•		•	•	
NFC technology	•								
Astro function	•								
White color available	•	•	•	•	•	•	•	•	•
Black color available	•	•	•	•	•	•	•	•	•
Compact version					•	•			
Weight incl. batteries (g)	83 ²	83 ²	83 ²	83 ²	27	27	25	25	25
Dimensions L x B x H (mm)	155x43x21	155x43x21	155x43x21	155x43x21	40x71x10 ³	40x71x10 ³	50x50x10 ⁴	50x50x10 ⁴	50x50x10 ⁴
Optional wall mounting possible	•	•	•	•	•	•			
Scope of delivery incl. wall bracket	•	•	•	•	•	•			
Conformity	CE	CE	CE	CE	CE	CE	CE	CE	CE

¹ expected to be available from Q4/2024

² weight without bracket

³ Dimensions Mini transmitter without case

⁴ Dimensions without frame

100%

Innovation Quality Partnership

Intelligent solutions which unite technology, innovation, quality and design, contribute to making life simpler and safer.





A world without barriers

We are convinced that the intelligent, comprehensive control of sun protection systems can significantly improve well-being and residential comfort. This is why we are responding to the high demands placed by the market by continually developing our products and why we offer high-quality drive and control solutions for building automation.

Our work revolves around enhancing quality of life, security, residential comfort and energy efficiency. Ultimately automated roller shutters, screens, venetian blinds and awnings do much more than just darken rooms. They offer reliable protection against the sun, discourage prying eyes and round off the overall appearance of a building. Heating costs are reduced in winter, in the warm summer months indoor temperatures remain pleasant – the cooling load is lowered. All these factors contribute to saving energy as well as improving comfort at home and work.

We are Nice

elero is a member of the Nice Group, a global manufacturer of smart home, security and building automation solutions domiciled in Oderzo, Italy.

Nice employs a workforce of over 2,800 staff in more than 15 research and development centres and 13 plants on five continents; these employees have in-depth expert knowledge and come from a wide variety of cultural backgrounds, serving partners and customers in more than 100 countries worldwide. Its comprehensive product portfolio makes Nice the provider of a complete ecosystem for buildings.

At the beginning of 2021 the Group laid the foundations for its future international development in the sun protection market segment with the foundation of the “Sun Shading Solutions” unit. This business division is the responsibility of elero and encompasses all the sun protection activities of the Group.

The market proximity and experience of elero as a German company with a long tradition coupled with the strength of the international player Nice offers true added value for the specialist trade and end consumers.

Excellent control in action.

elero is one of the world's largest manufacturers of electric drives and controls for intelligent building automation.

As a wholly-owned subsidiary of Italy's Nice Group we are specialists in the fields of roller shutters and sun protection. We are convinced that the intelligent, comprehensive control of light and temperature can significantly improve well-being and residential comfort. This is why we are responding to the high demands placed by the market by continually developing our products, offering not only innovative controls for virtually every application but also tried-and-tested actuator technology.

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Sun Shading Solutions **Nice**