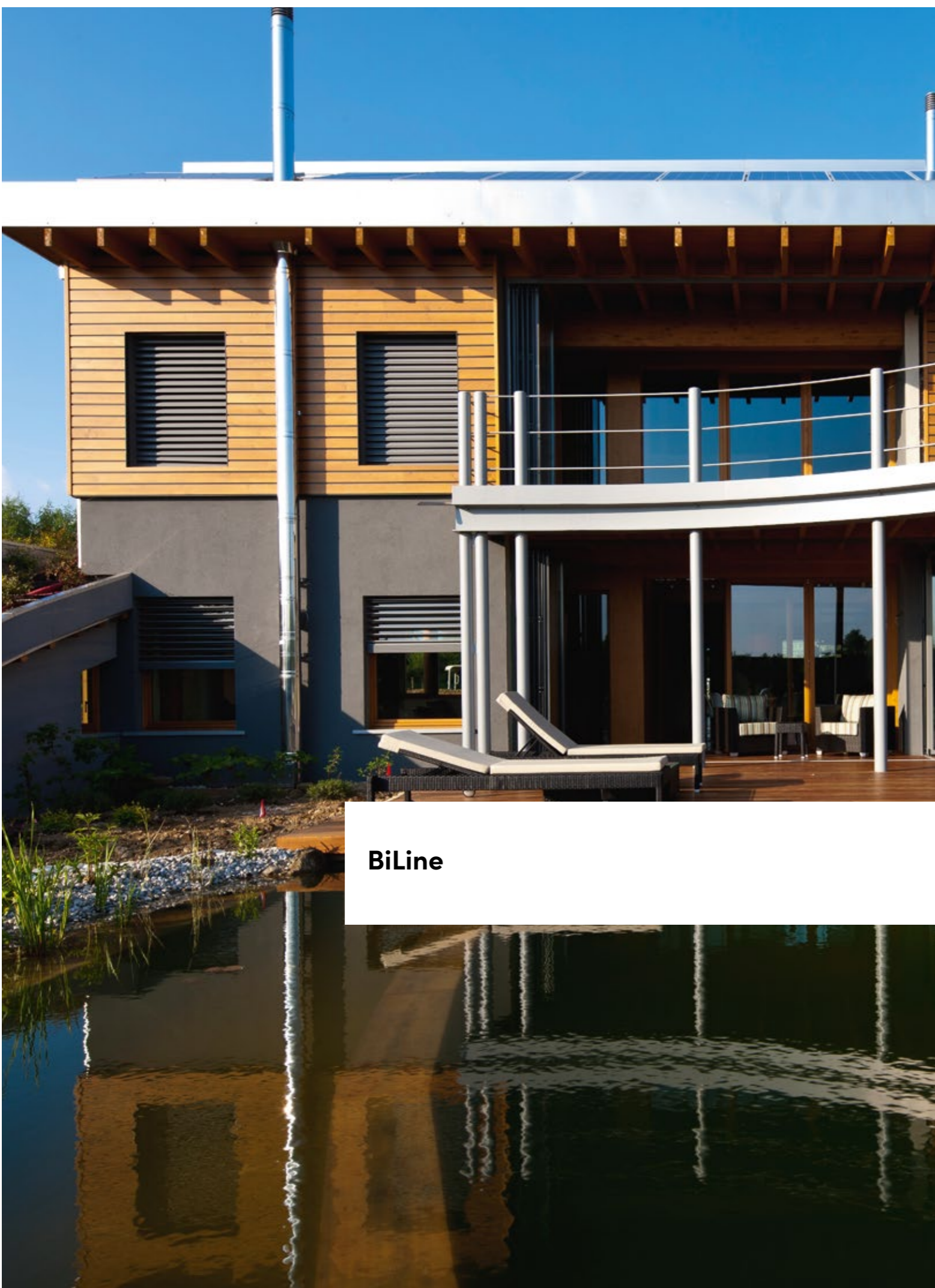




Radio controls from Griesser.
Griesser BiLine





BiLine

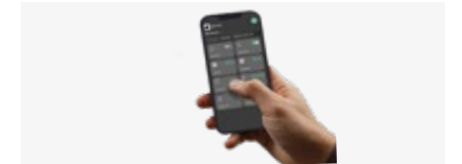
License-free radio frequency 868 MHz
Single operation
Simultaneous operation
Radio receiver optimized for blinds product

Griesser BiLine – radio controlled at a glance

The Griesser BiLine control system offers reliable radio transmission combined with contemporary design and an esthetic that fits in unobtrusively in any surroundings. Wireless systems have the advantage of being installed quickly, not only in new buildings but also when refitting an automated system in existing buildings. Control systems from Griesser – automatically good.

Griesser operation by Smartphone / tablet

Enables a simple and intuitive operation of the blinds. The App is available for free download from the App Store.



Griesser Progreso hand-held transmitter

Controls sun protection systems. Up to 15 receivers or up to 15 groups of receivers can be operated independently.



BiLine MonoTec and QuinTec / BiLine UniTec F

The wall-mounted transmitters can be used to control the solar shading system. They can be used as an alternative to the Progreso hand-held transmitter.



BiLine Box

Enables smart control of solar shading systems. Existing installations can be easily retrofitted. Operation is conveniently carried out via smartphone or tablet using the Griesser app – without replacing the existing installation.



BiLine Aero sun / wind sensor

Evaluates light and wind with integrated solar cells. For awnings. Does not require a power supply.



BiLine Sensero AC sun / wind / rain sensor

Evaluates light, wind and rain. For external venetian blinds, rolling shutters and awnings. Mains connection ensures power supply.



BiLine Lumero sun sensor

Is a sun sensor with integrated solar cells. Requires no voltage supply.



BiLine Revio SW – control unit for one lamp

You can control your light source directly using the hand-held transmitter with the BiLine Revio SW radio receiver.



Griesser BiLine – radio-controlled Griesser Progreso hand-held transmitter

Up to 15 channels
Manual/automatic operation
Modern design
Standard battery
Visualization per LED
Integrated timer (Progreso 15 M only)
Magnetic wall bracket



Progreso 15 M



Progreso 1



Progreso 1 M



Progreso 5 M

The Griesser Progreso hand-held transmitter has, in addition to such manual commands as Up, Stop and Down, functions such as intermediate positions and a programmable slat angle

Purpose of Progreso 15 M

Actuation of up to 15 receivers or groups of receivers.
Automatic merging of Channels 1 to 15 as master operation for solar shading products.
Dimming illuminations up and down (LED light bar).
Additional button for switching between manual and automatic operation
Menu navigation via illuminated display with product-specific icons
Simple operation with joystick
10 languages to choose from
Names can be assigned to the channels

Purpose of Progreso 1 / 1 M

Actuation of a receiver or a group of receivers.
Switching and dimming of illuminations (LED light bar).
Additional button for switching between manual and automatic operation (Progreso 1 M).

Purpose of Progreso 5 M

Actuation of 5 receivers or up to 5 groups of receivers.
Automatic merging of Channels 1 to 5 as master operation for solar shading products.
Dimming illuminations up and down (LED light bar).
Additional button for switching between manual and automatic operation.

Technical data

Progreso 15 M

Operating voltage	3 V DC
Type of protection	IP 20
Protection class	II
Ambient temperature	0 bis +55°C
Dimensions	150 x 51 x 26 mm
Weight	140 g
Battery type	2 x LR 06 (AA Mignon cell)
Radio frequency	868 MHz

Technical data

Progreso 1/1 M/5 M

Operating voltage	3 V DC
Type of protection	IP 20
Protection class	II
Ambient temperature	0 bis +55°C
Dimensions	120 x 51 x 26 mm
Weight	120 g
Battery type	2 x LR 06 (AA Mignon cell)
Radio frequency	868 MHz

Griesser BiLine – radio controlled wall-mounted transmitters

1 - 5 channels
Manual/automatic operation
Standard battery
On-wall or in-wall mounting
BiLine Box Matter compatible



BiLine MonoTec | QuinTec



BiLine Box

The BiLine wall-mounted transmitter is used to operate a solar shading system within a room.

Intended use: BiLine MonoTec and QuinTec / BiLine UniTec F

1 (MonoTec) or 5 (QuinTec) radio-channel wall-mounted transmitters for controlling one or more receivers.
Manual (up, stop, down) or automatic operation
MonoTec: Without manual/automatic operation switching
QuinTec: With manual/automatic operation switching
Operation within a room.
Simple surface mounting or concealed installation without wiring.
Manual commands such as up, stop, down, and shading position
LED for transmission control

Intended use: BiLine Box

Extends all BiLine wall transmitters with time and Astro functions, conveniently controlled via app.
Integrated timer with:
- Sunrise and sunset times
- Holiday function
- Blocking times
- Daily and weekly programmes
- Optional manual operation (up, stop, down) or automatic mode (time control).
- Automatic summer/winter time changeover.

Technical data

BiLine MonoTec

Operating voltage	3 V DC
Type of protection	IP 20
Protection class	II
Ambient temperature	0–50°C
Dimension	88 x 88 x 20 mm
Battery type	CR 2032
Battery life	2 years
Radio frequency	868 MHz

Technical data

BiLine QuinTec

Operating voltage	3 V DC
Type of protection	IP 20
Protection class	II
Ambient temperature	0–50°C
Dimension	88 x 88 x 20 mm
Battery type	CR 2032
Battery life	2 years
Radio frequency	868 MHz

Technical data

BiLine Box

Input voltage	100–240 V / 50 Hz
Power consumption / Standby power	< 10 W / < 1 W
Supply voltage / max. current	5 V DC / max. 1.5 A
Degree of protection	IP 20
Dimensions	90 x 90 x 23 mm
Weight	80g
Ambient temperature	5 - 35 °C
Radio frequency / Receiver category	WLAN + Bluetooth / SRD
RF range	> 100m

Griesser BiLine – radio-controlled sensors

- Record sun/wind values
- Inconspicuous housing
- No need to lay cables (BiLine Aero/BiLine Lumero)
- Solar supply (BiLine Aero/BiLine Lumero)
- Mains supply 230 V AC (BiLine Sensero)

Purpose of BiLine Aero / BiLine Sensero AC / BiLine Sensero AC Plus

- Sun/wind/rain sensor.
- Integrated solar cells for supplying the BiLine Aero.
- No need to lay cables (BiLine Aero).
- Option for switching off the sun and rain sensor.
- LED status indicator for sun, wind and rain signals.
- Sets the threshold sun, wind and rain levels with a potentiometer.
- Transparent housing.

Purpose of BiLine Lumero

- Sun sensor.
- Integrated solar cells for power supply.
- No need to lay cables.
- Sets the threshold sun levels with a potentiometer.
- Sun control for all shading systems.
- Transparent housing.



BiLine Aero



BiLine Sensero AC Plus



BiLine Lumero

Technical data

BiLine Sensero AC

(sun/wind sensor 230 V AC)

Mains voltage	230 V AC
Type of protection	IP 44
Ambient temperature	-20 to +60°C
Dimensions	205 x 120 x 105 mm
Angle of reception	150°
Radio frequency	868 MHz

Technical data

BiLine Sensero AC Plus

(sun/wind/rain sensor 230 V AC)

Mains voltage	230 V AC
Type of protection	IP 44
Ambient temperature	-20 to +60°C
Dimensions	205 x 125 x 105 mm
Angle of reception	150°
Radio frequency	868 MHz

Technical data

BiLine Aero (sun/wind sensor)

Supply unit	Independent, integrated solar module
Power reserve	~12 hours
Type of protection	IP 43
Ambient temperature	-25 to +60°C
Dimensions	280 x 130 x 130 mm
Angle of reception	150°
Radio frequency	868 MHz

Technical data

BiLine Lumero (sun sensor)

Supply unit	Independent, integrated solar module
Power reserve	~1 hours
Type of protection	IP 54
Ambient temperature	-25 to +60°C
Dimensions	150 x 42 x 28 mm
Angle of reception	190°
Radio frequency	868 MHz



Griesser BiLine – radio-controlled radio receiver

Characteristics of BiLine Combo

Small and compact design
 Simple to install and retrofit
 Automatic recognition of end position
 Direction of rotation changeable
 Freely adjustable intermediate positions
 Programs sun/wind/rain sensors
 Programs up to 16 transmitters



BiLine Combo JA

Characteristics of BiLine Combo JA

Radio receiver for external venetian blinds/venetian blinds
 Automatic slat turning



BiLine Combo RM / RFS

Characteristics of BiLine Combo RM

Radio receiver for rolling shutters and façade awnings



BiLine Combo RW

Characteristics of BiLine Combo RW

Radio receiver for Rolpac®



BiLine Combo MA K

Characteristics of BiLine Combo MA K

Radio receiver for awnings
 Short power cord, integrated motor connection
 Same specifications as Combo RM



BiLine Combo MVLED / MLED / LED

Characteristics of BiLine Combo MVLED

Radio receivers for awnings with Volant and variant light bar (LED)
 Can be integrated in the product

Characteristics of BiLine Combo MLED

Radio receivers for awnings and variant light bar (LED)
 Can be integrated in the product

Characteristics of BiLine Combo LED

Radio receiver for LED option (lighting)
 Integrated in the product with the LED option

Technical data

Mains voltage	230 V
Standby power	1 W (per channel)
Switching capacity	450 W
Type of protection	IP 54
Ambient temperature	-20 to +80°C
Radio frequency	868 MHz

Receiver	Power connection	Motor connection	Dimensions in mm (W x H x D)
BiLine Combo JA	0,75 m STAS 3	0,22 m STAK 3	97x40x15
BiLine Combo RM	0,25 m STAS 3	0,25 m STAK 3	97x40x15
BiLine Combo RW	0,35 m Wago	0,35 Wago	97x40x15
BiLine Combo MA K	0,25 m STAS 3	STAK 3 integrated	128x34x24
		Awning: AMP socket, 4-pin	
BiLine Combo MVLED / MLED / LED	AMP plug, 2-pin	Valance: AMP socket, 4-pin	178x24x52
		LED: 2 plug sockets	
BiLine Combo RFS	3 m cable	0,25 m cable	97 x 40 x 15



Only deliverable to Europe.

Control blinds and light – simply by using the hand-held transmitter or the app

The hand-held transmitter with 15 M display is perfect for operating multiple devices – for instance, to adjust shading or the light.



BiLine Revo SW
One control unit per light source



Smartphone / tablet operation

Simple and intuitive operation of your rolling shutters, external venetian blinds, awnings and light via smartphones or tablets

Rapid and simple commissioning

Free App

Visualization of status

Even more living comfort thanks to individual scenes



BiLine Box



BiLine Receiver

Examples of use



BiLine is available as a MINERGIE® module with a Griesser solar shading system.



griesser.com

