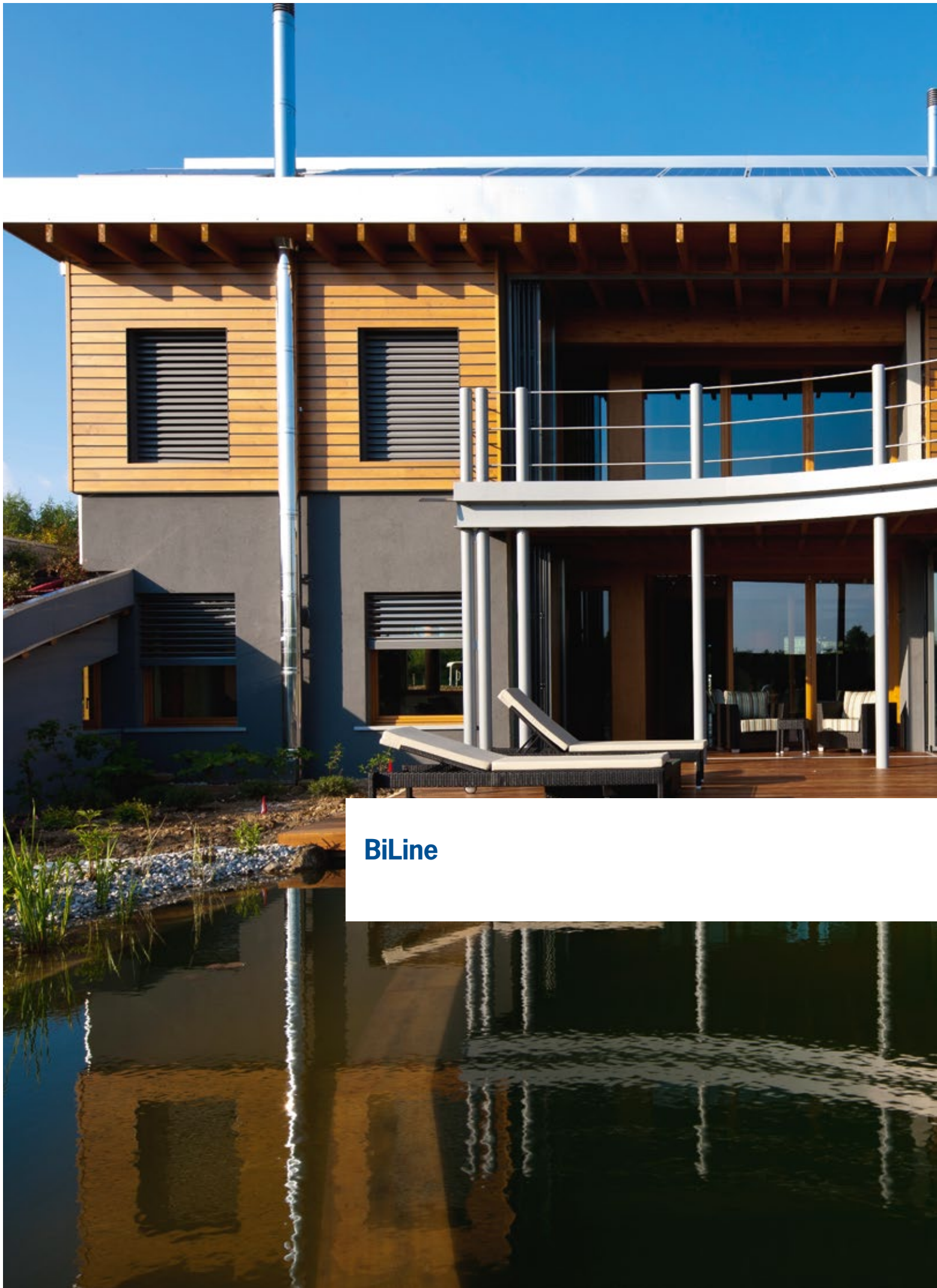


Radio controls from Griesser.
Griesser BiLine





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.



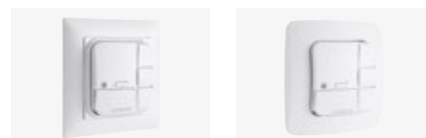
Griesser Progreso hand-held transmitter

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



BiLine UniTec wall-mounted transmitter / BiLine UniTec F

A wall-mounted radio transmitter which controls a sun protection system. It is an alternative to the Progreso 1 M hand-held transmitter.



BiLine AstroTec time switch

The time switch, delivered displaying the current time and date (CET), automatically controls the motors at the desired times.



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 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.

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

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

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

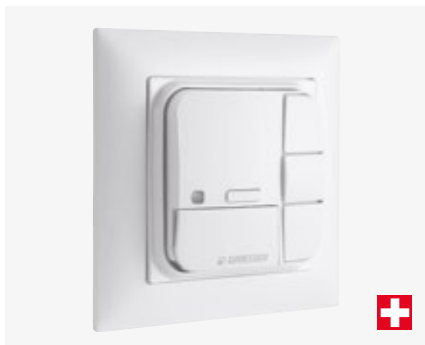
Griesser BiLine – radio controlled wall-mounted transmitters

1 channel

Manual/automatic operation

Standard battery

On-wall or in-wall mounting



BiLine UniTec



BiLine UniTec F



BiLine AstroTec

The BiLine UniTec wall-mounted transmitter operates a sun protection system within a room.

PURPOSE OF BILINE UNITEC / BILINE UNITEC F

Wall-mounted transmitter to control one or several receivers.

Manual operation (raise, stop, lower) or automatic operation.

Operation within a room.

Simple on-wall or in-wall mounting without wiring.

Large raise, stop and lower keys.

LED for transmission check.

INTENDED USE BILINE ASTROTEC

Wall-mounted transmitter for actuation of one or more receivers.

Timer with a variety of functions, e.g. astro times (sunrise and sunset times) or vacation function, block times, times of the day and times of the week.

Manual (Up, Stop, Down) or Automatic operation (automatic timer).

Automatic switching between Daylight Savings and Standard Time.

Intermediate positions.

Simple wall-mounting without cables.

TECHNICAL DATA

BILINE UNITEC

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 ASTROTEC

Operating voltage	3 V DC
Type of protection	IP 20
Protection class	II
Ambient temperature	0–50°C
Dimension	85 x 85 x 29 mm
Battery type	2x LR03 (AAA)
Battery life	2 years
Radio frequency	868 MHz

TECHNICAL DATA

UNITEC F

Operating voltage	3 V DC
Type of protection	IP 20
Protection class	II
Ambient temperature	0–50 °C
Dimension	85 x 85 x 23 mm
Battery type	CR 2032
Battery life	2 years
Radio frequency	868 MHz



Only deliverable in Switzerland.



Only deliverable to Europe.

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)



BiLine Aero



BiLine Sensero AC Plus



BiLine Lumero

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.

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 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 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 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 COMBIO

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 Combio JA

CHARACTERISTICS OF BILINE COMBIO JA

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



BiLine Combio RM / RFS

CHARACTERISTICS OF BILINE COMBIO RM

Radio receiver for rolling shutters and façade awnings.



BiLine Combio RW

CHARACTERISTICS OF BILINE COMBIO RW

Radio receiver for Rolpac®



BiLine Combio MA K

CHARACTERISTICS OF BILINE COMBIO MA K

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



BiLine Combio MVLED / MLED / LED

CHARACTERISTICS OF BILINE COMBIO MVLED

Radio receivers for awnings with Volant and variant light bar (LED)

Can be integrated in the product

CHARACTERISTICS OF BILINE COMBIO MLED

Radio receivers for awnings and variant light bar (LED)

Can be integrated in the product


CHARACTERISTICS OF BILINE COMBIO 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 Combio JA	0,75 m STAS 3	0,22 m STAK 3	97x40x15
BiLine Combio RM	0,25 m STAS 3	0,25 m STAK 3	97x40x15
BiLine Combio RW	0,35 m Wago	0,35 Wago	97x40x15
BiLine Combio MA K	0,25 m STAS 3	STAK 3 integrated	128x34x24
BiLine Combio MVLED / MLED / LED	AMP plug, 2-pin	Awning: AMP socket, 4-pin Valance: AMP socket, 4-pin LED: 2 plug sockets	178x24x52
 BiLine Combio 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 Revio 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



1 BiLine Centro home



2 BiLine Receiver

Examples of use



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

Your partner

Subject to change without prior notice

