



WAREMA Mobile System (WMS)

Smart Home as easy as can be.

Der SonnenLicht Manager



Smart Home

Experience the future



With the WAREMA Mobile System (WMS) you can conveniently control your sun shading products via radio using hand-held or wall-mounted transmitters. Thanks to WMS WebControl, it's possible to operate the system conveniently via a smartphone or tablet. This extension can also be used to link different devices of prestigious brand manufacturers and in doing so make your own Smart Home a reality with incredible ease. Control your entire home with just one app – WMS WebControl and mediola make that possible.

Maximum convenience and the greatest degree of flexibility – www.warema.de/wms



More comfort

Always enjoy the perfect feel-good climate with individual automation based on the time of day, position of the sun and weather conditions.



Greater security

Thanks to sophisticated presence simulation and the avoidance of storm damage due to wind monitoring.



Greater efficiency

Heating, lighting and sun shading control themselves depending on environmental influences and thus save real money.



Greater pleasure of use

With just one intuitive app for sun shading, lighting, household appliances and much more.





Control systems

Intelligent, efficient and comfortable

As a manufacturer of sun shading systems for buildings and rooms, WAREMA produces pioneering solutions that are technically superior and are designed to meet the individual needs of your property. This improves the energy efficiency of buildings, helps maintain the value of property and enhances people's quality of life.

This document provides an initial overview and guidance for the various functions and applications of the WAREMA Mobile System (WMS).

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WMS – WAREMA Mobile System

The sophisticated Smart Home solution

The WAREMA Mobile System combines the most modern technology and aesthetic design into a radio remote control for high demands. Distant products can also be reached by transmitting commands from one receiver to another (routing function). The radio system works bidirectionally, which means that all WMS components confirm that a command is received and executed. Users therefore receive feedback about all move commands of their sun shading system.

WMS - maximum convenience and the greatest degree of flexibility



The benefits for you

- Longer operating range thanks to intelligent routing function
- Visual feedback signal of move command
- Control via Android app, iOS app or via Web browser
- 32 individual scenes possible
- Move to individual comfort positions at the press of a button
- Commissioning and changing of limit values possible via computer
- Control can be extended individually with minimal installation work
- Control of sun shading products, lights and windows on up to 96 channels for up to 200 receivers per network

Transmission frequency	2.4 GHz
Channels	96 channels for controlling different sun shading products, lights and more
Control functions	Brightness, wind, precipitation, time, inside temperature, dawn/dusk, ice monitoring (combination of outside temperature and precipitation)



WMS system components

- 1 WMS WebControl
- 2 WMS Hand-held transmitter basic
- 3 WMS Wall-mounted transmitter basic
- 4 WMS Hand-held transmitter plus
- 5 WMS Wall-mounted transmitter plus
- 6 WMS Hand-held transmitter
- 7 WMS Central transmitter
- 8 WMS Temperature sensor
- 9 WMS Weather station eco
- 10 WMS Weather station plus
- 11 WMS Actuator UP / WMS Actuator 24 V UP
- 12 WMS Plug receiver
- 13 WMS Wind sensor
- 14 WMS Stick
- 15 WMS Radio motor

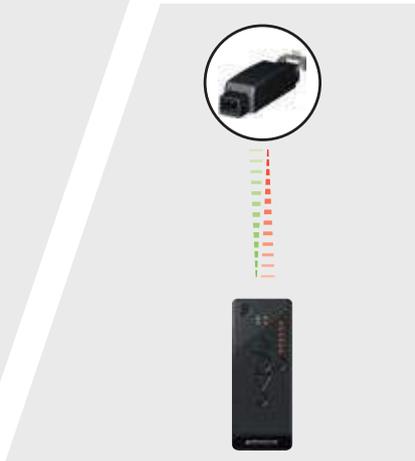




Intelligent routing ensures high transmission reliability even in receivers that are positioned far away

WMS Functions

Thanks to the intelligent routing function, commands are transmitted from one receiver to another, which means that even products that are far away can be reached effortlessly via radio. This allows for a failsafe distribution of the radio signal between the transmitter (e.g. smartphone, hand-held transmitter, wall-mounted transmitter) and the receiver (M) (e.g. radio motor, plug receiver), which is installed directly in the sun shading product. Our sophisticated sensors (e.g. weather station, temperature sensor) allow for automatic control based on brightness, weather conditions and more. The weather data are also forwarded by all the receivers in this case. The received and executed commands are confirmed by the receivers and reported back to the transmitters – this means you always have full control.



Bidirectionality

All WMS components acknowledge that a command is being received and executed. In this way, feedback is received by the transmitter about the executed move command.



Operating comfort: Scenes

With scenes, a large number of different products can be addressed jointly at one push of a button. The position or status of the products is saved and can be retrieved by means of the scene. These are not direct move commands (Up/Down), but instead individually adjustable positions that can be retrieved at any time.

Example: Scene "Good Morning":

- Roller shutters in bedroom and kitchen are raised
- External venetian blind in bathroom is lowered for visual privacy
- Light is switched on in hallway



Automatic factory setting

Practical parameters are pre-programmed at the factory for the different sun shading products and their applications.



WMS Transmitter



Networked home

Operate sun shading systems, lighting, household devices and more really conveniently via smartphone or tablet with just one app – WMS WebControl and mediola make that possible.

WMS WebControl

- Operation via iOS app, Android app or web browser
- Suitable for retrofitting at any time
- No internet connection and login data to be submitted externally necessary
- No monthly or yearly fees
- Time switch points can easily be set and changed
- Control of scenes
- Retrieval and saving of individual comfort positions
- Automatic functions can be switched on or off





WMS Hand-held transmitter

- Control of up to 5 product types with 10 channels each
- Control of scenes
- Retrieval and saving of individual comfort positions
- Comfort functions* can be switched on or off



WMS Central transmitter

- Control of up to 200 WMS receivers on 96 channels
- Time switch points can be set and selected
- Limit values can be set in the central control unit
- Control of scenes
- Retrieval and saving of individual comfort positions
- Automatic functions can be switched on or off



WMS Wall-mounted transmitter basic/plus

- Suitable for all standard switch ranges
- Control of up to 10 WMS receivers of the same product type in one channel (basic) or on up to 6 channels (plus)
- Retrieval and saving of individual comfort positions
- Comfort functions* can be switched on or off for each channel

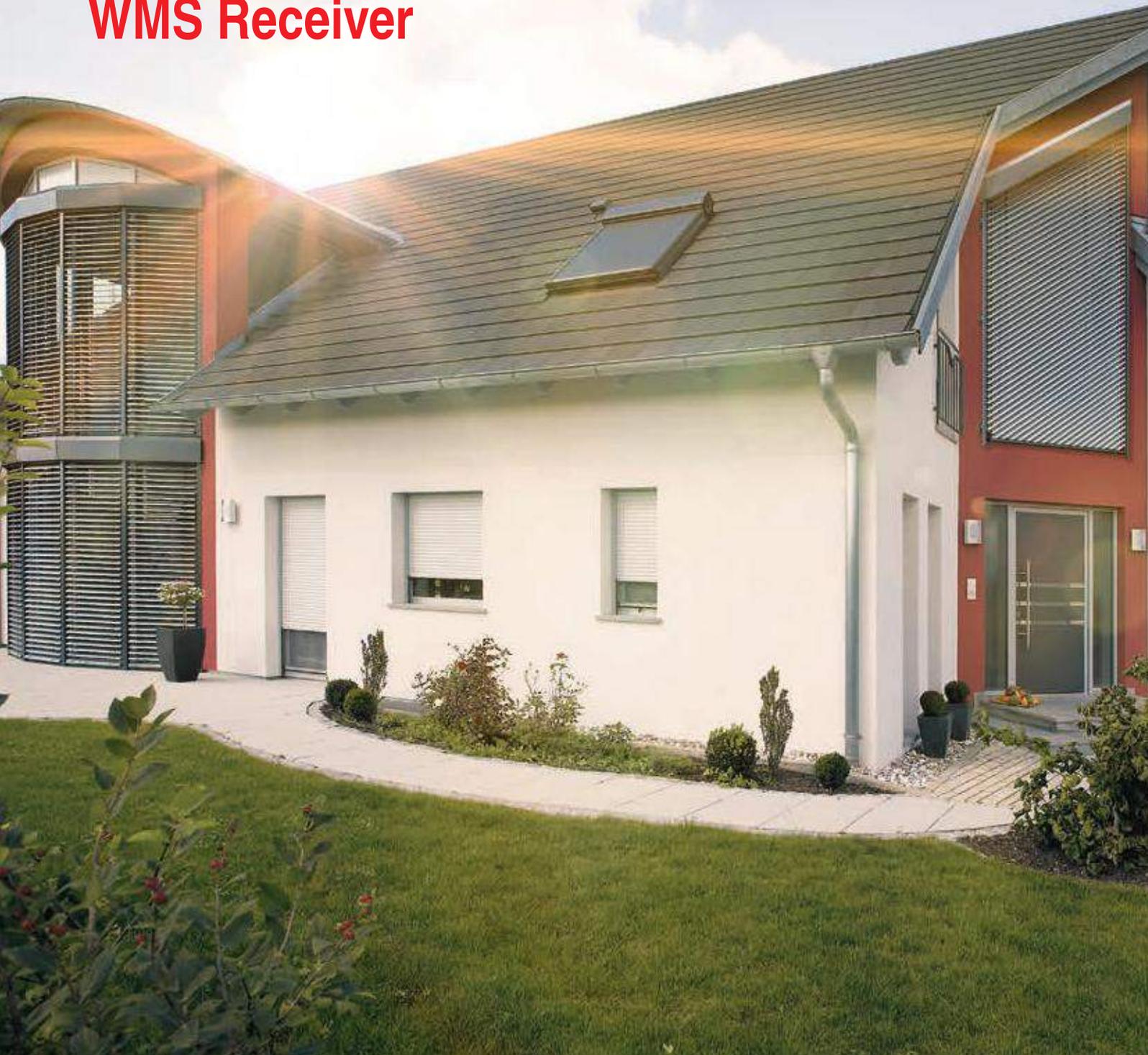


WMS Hand-held transmitter basic/plus

- Control of up to 10 WMS receivers of the same product type in one channel (basic) or on up to 6 channels (plus)
- Retrieval and saving of individual comfort positions
- Comfort functions* can be switched on or off for each channel

*Sun control, dawn/dusk control and temperature control

WMS Receiver



The sophisticated WMS receivers control sun shading systems or lighting devices and forward the commands or weather data received by the transmitter or sensor to other receivers (intelligent routing). All receivers are suitable for retrofitting at any time and can be integrated either directly on the sun shading system or into a flush-mounted box depending on the model.



WMS Actuator UP (230 V / 24 V)

- Product types, with the matching logic parameters, are stored in the actuator
- All settings and parameters of the automatic functions are saved directly in the receiver
- Compact design means it can be mounted in a deep flush-mounted box
- Optional connection of a conventional push button possible



WMS Plug receiver

- Product types, with the matching logic parameters, are stored in the plug receiver
- All settings and parameters of the automatic functions are saved directly in the receiver



WMS Radio motor

- Product types, with the matching logic parameters, are stored in the radio motor
- Optimally tuned for the sun shading system type
- All settings and parameters of the automatic functions are saved directly in the receiver
- Set the motor limit positions by means of WMS transmitters
- Accurate positioning by means of WMS radio control



WMS Sensors



The WMS sensors allow for automatic control based on environmental influences. They enable the highest degree of comfort and energy efficiency all by themselves. And with them you can always enjoy the perfect feel-good climate and also protect your high-grade sun shading products from damage from storms. Our smart and reliable sensors are suitable for retrofitting at any time with just a little installation work.



WMS Weather station plus

- Retrofitting possible with little installation work
- Power supply from 230 V mains
- Wind measurement via flow sensor
- Recording of brightness, dawn/dusk, wind speed, precipitation, ice (outside temperature and precipitation)
- Limit values can be set for each receiver (product) independently of each other with only one weather station



WMS Weather station eco

- Retrofitting possible without installation work
- Supply via solar cell
- Wind measurement using cup anemometer
- Recording of brightness, dawn/dusk and wind speed
- Limit values can be set for each receiver (product) independently of each other with only one weather station



WMS Temperature sensor

- Retrofitting possible without installation work
- Power supply from battery
- Recording of temperature and humidity
- Setting of limit values for each receiver (product) independently of each other with just one sensor is possible
- In combination with receivers of revision 1.10 or newer, the "Temperature-controlled sun control*" mode is also possible

* The temperature-controlled sun control mode is a combination of the temperature and sun control modes.

The sun control mode is only released if a previously defined inside temperature (limit value Warm) is exceeded. It then remains active until the measured temperature drops again. This means that the solar energy can be used to heat up the room without overheating the space.



Additional WMS components



NEW: WMS studio pro
Commissioning is now
even easier and faster!

WMS studio pro

Benefit from intuitive software with high user reliability for beginners and advanced users. Make an individual Smart Home reality in the blink of an eye with just a few clicks.



Download now free of charge:
www.warema.de/studio

WMS Stick

Thanks to the free software WMS studio pro, commissioning and changing the settings of the radio network is becoming very easy. The stick enables quick transfer to the WMS receivers.



WMS Wind sensor

- Power supplied by batteries
- Wind monitoring to protect the awning
- Suitable for retrofitting
- Compact dimensions



WMS Transmitter UP

- Control of up to 10 receivers of the same product type possible
- Converts key impulses of a conventional 230 V push button into radio signals for control of WMS receivers



Product finder



Simple operation of an awning

Requirements

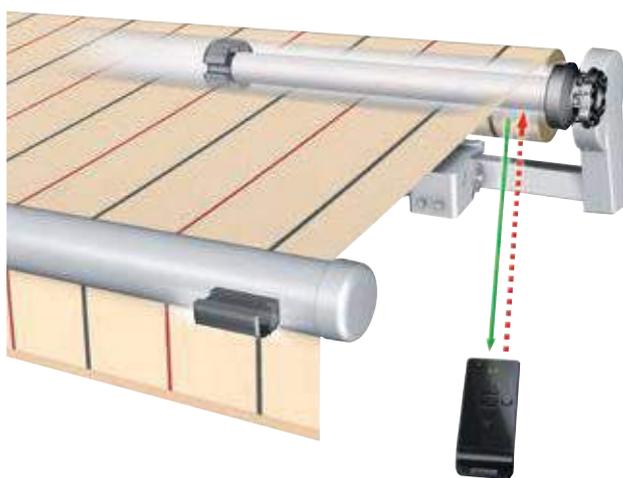
- Product with automatic functions
- Wind monitoring
- Dimmable LED strips

Combinations Example 1 (see figure)

- WMS Hand-held transmitter plus
- WMS Radio motor
- WMS Wind sensor

Combinations Example 2

- WMS Hand-held transmitter
- WMS Radio motor
- WMS Wind sensor
- WMS Stick for commissioning





Operation of multiple external venetian blinds or roller shutters

Requirements

- Wind/sun monitoring
- Sun control

Combinations Example 1 (see figure)

- WMS Hand-held transmitter
- WMS Plug receiver
- WMS Weather station eco

Combinations Example 2

- WMS Wall-mounted transmitter basic
(group operation or one wall-mounted transmitter per external venetian blind)
- WMS Plug receiver
- WMS Weather station eco
- WMS Stick for commissioning



Product finder



Renovation of a living room with external venetian blinds

Requirements

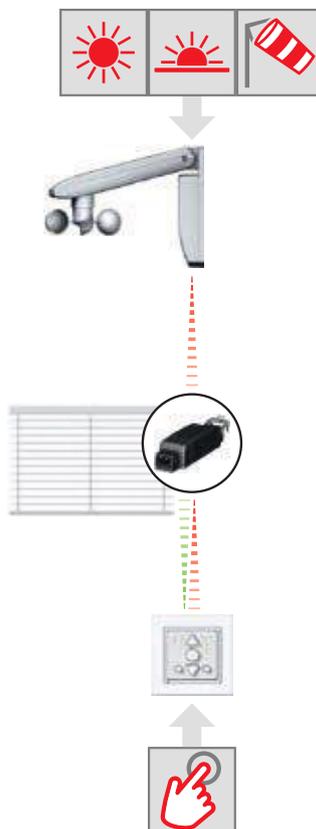
- External venetian blinds
- Wind/sun monitoring
- Sun control

Combinations Example 1

- WMS Hand-held transmitter
- WMS Plug receiver
- WMS Weather station eco

Combinations Example 2 (see figure)

- WMS Wall-mounted transmitter plus
- WMS Plug receiver
- WMS Weather station eco
- WMS Stick for commissioning





Installation for a single-family home with awning, external venetian blinds, roller shutters and lighting

Requirements

- Wind/rain monitoring
- Sun control
- Time switch
- Operation using a smartphone

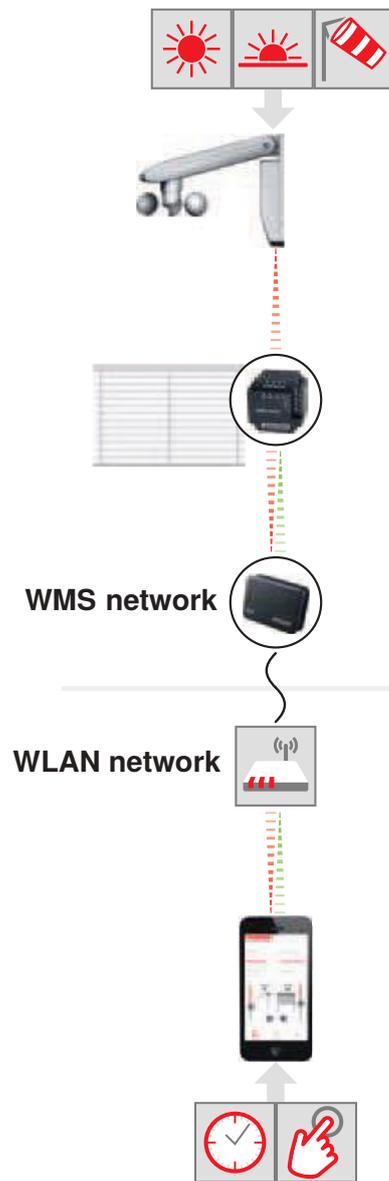
Combinations Example 1 (see figure)

- WMS Central transmitter
- WMS Wall-mounted transmitter plus
- WMS WebControl
- WMS Plug receiver / WMS Actuator UP / WMS Radio motor
- WMS Weather station plus
- WMS Stick for commissioning



Product finder





Conversion of a motorised sun shading system to control mode and smartphone operation

Requirements

- Existing switches reused (push buttons)
- Sun control
- Wind monitoring
- Operation using a smartphone

Combinations Example 1 (see figure)

- WMS WebControl
- WMS Actuator, UP
- WMS Weather station eco
- WMS Stick for commissioning

Discover SunLight Management!

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