



Smart solutions





## MOBILUS Smart Solutions

**MOBILUS SMART HOUSE** solutions with **COSMO | 2WAY** bi-directional technology is a family of convenient, user-friendly and easy to install radio components. They allow the user to create an innovative system of household appliances control by a means of state-of-the-art remote controls and mobile devices with an internet access (phone, tablet, computer).

**COSMO | 2WAY** technology is the newest version of our own radio communication standard for **MOBILUS** devices. The ability to control household appliances gives **COSMO | 2WAY** technology a competitive edge – the user can check whether the iron is off, the gate is closed or the roller shutters are pulled down. The user will be also notified about improper operation or a failure which will enable him/her to react immediately.

**MOBILUS SMART HOUSE** system may be installed without the necessity to interfere with the building structure and electrical system. During the entire period of use the solutions may be customized to meet the requirements of members of a household.

## The most important features:

- Receipt of information from the controlled appliances thanks to bi-directional communication unique on the market.
- Compatibility with numerous types of appliances, e.g. drive-in and garage doors, roller shutters, blinds, awnings, lighting, solenoid valves, ON/OFF electrical receivers.
- Option to increase the range of the radio signal thanks to the signal repeater function.
- Option to locate the blinds and similar appliances in any mid-position and receive confirmation of the operation (e.g. roller shutters on the ground floor raised by 30%).
- High level of safety due to communication encrypted with a variable code.





## The most important features:

- Easy control via phone, computer, tablet.
- Control of up to 100 appliances in the **COSMO | 2WAY** bi-directional communication standard.
- Grouping any number of appliances of the same type and their simultaneous control. The user can name the groups and modify their content.
- It is possible to classify the appliances by their location in a house or apartment and ascribe them to virtual places to render the control more efficient. The user may name such places and modify their content.
- Defining users, determining their access rights and allowing them to control the selected appliances.
- Creating scenes, ascribing them to appliances, defining their state and setting time for the initiation of a given scene.
- Colour versions: ● ○



## COSMO | GTW



**COSMO | GTW** is a modern control panel in the **MOBILUS SMART HOUSE SYSTEM**. **COSMO | 2WAY** wireless technology of bi-directional communication enables easy and convenient control of household automatics: drive-in and garage doors, roller shutters, blinds, awnings, lighting, solenoid valves, on/off electrical receivers. Appliances added to **COSMO | GTW** control panel may be controlled from any place in the world via phone, tablet or internet browser.

## COSMO | 2WAY - full control of appliances



You can easily check the position of roller shutters.



You will quickly determine whether a particular device is turned on or off.




A message informing about a failure or obstacle, preventing a proper device operation, will allow the user to react immediately.





## The most important features:

- Innovative control with the use of gestures and touch.
- Control of 9 appliances in **COSMO | 2WAY** bi-directional communication standard, e.g. drive-in and garage doors, roller shutters, blinds, awnings, lighting, solenoid valves, ON/OFF electrical receivers.
- **COSMO | 2WAY** bi-directional communication allows the display of feedback from the receivers about the status of operation.
- Backlit face provides detailed information on tasks in progress.
- Perfect addition to the space of modern houses and apartments thanks to minimalist style and use of high-quality materials.
- Colour versions: 



COSMO | WT9



**MOBILUS COSMO | WT9** is a 9-channel remote control for wall mounting operating in **COSMO | 2WAY** bi-directional communication standard. It is a combination of modern style and unconventional control by touch and hand gestures.







## The most important features:

- Innovative control with the use of gestures and touch.
- Control of one appliance in **COSMO | 2WAY** bi-directional communication standard, e.g. drive-in and garage door, roller shutters, blinds, awnings, lighting, solenoid valve, ON/OFF electrical receiver.
- **COSMO | 2WAY** bi-directional communication allows the display of feedback from the receivers about the status of operation.
- Backlit face provides detailed information on tasks in progress.
- Perfect addition to the interiors of modern houses and apartments thanks to minimalist style and use of high-quality materials.
- Colour versions: ○



COSMO | WT

2 WAY

**MOBILUS COSMO | WT** is a single channel remote control for wall mounting operating in **COSMO | 2WAY** bi-directional communication standard. It is a combination of modern style and unconventional control by touch and hand gestures.

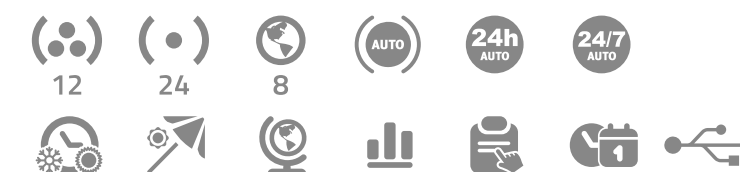






## The most important features:

- Convenient use thanks to colour LCD display, user-friendly interface and control with traditional buttons.
- The user can select one of eight interface languages.
- Control of up to 24 appliances in **COSMO | 2WAY** bi-directional communication standard, e.g. drive-in and garage doors, roller shutters, blinds, awnings, lighting, solenoid valves, ON/OFF electrical receivers.
- Grouping of appliances and their simultaneous control. The user can create 12 groups, name them and modify their content.
- Defining the automatics, ascribing it to appliances, determining their state and setting time of their activation.
- **COSMO | 2WAY** bi-directional communication allows the display of feedback from the receivers about the status of operation.
- It is possible to set up and update the software to add new functions via a computer application.
- Colour versions: ● ○



## COSMO | HCT



**MOBILUS COSMO | HCT** is a modern 24-channel remote control which allows the creation of 12 appliance groups, fitted with automatic control units and operating in **COSMO | 2WAY** bi-directional communication standard.

## Connect it to the computer

Connect it to the computer and manage your **COSMO | HCT** remote control conveniently.

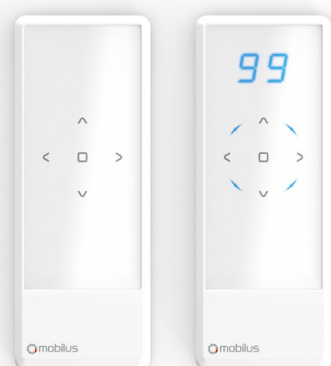






## The most important features:

- Innovative touch control.
- Control of up to 99 appliances in **COSMO | 2WAY** bi-directional communication standard, e.g. drive-in and garage doors, roller shutters, blinds, awnings, lighting, solenoid valves, ON/OFF electrical receivers.
- The user can adjust the number of displayed channels to his/her needs.
- Backlit face provides detailed information on tasks in progress.
- **COSMO | 2WAY** bi-directional communication allows the display of feedback from the receivers about the status of operation.
- The completion of commands confirmed by subtle audio signals and vibrations
- Minimalist, transparent magnetic handle enables stable placement of the remote control on the wall.
- Colour versions: ○



## COSMO | HB



**MOBILUS COSMO | HB** is a modern 99-channel touch remote control operating in **COSMO | 2WAY** bi-directional communication standard. Minimalist style, the combination of innovative control system, embedded vibration and subtle audio signals make it a perfect addition to the interiors of modern houses and apartments.

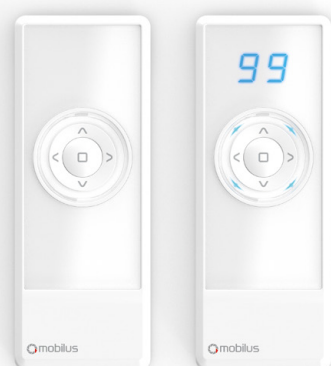






## The most important features:

- Traditional control with buttons.
- Control of up to 99 appliances in **COSMO | 2WAY** bi-directional communication standard, e.g. drive-in and garage doors, roller shutters, blinds, awnings, lighting, solenoid valves, ON/OFF electrical receivers.
- The user can adjust the number of displayed channels to his/her needs.
- Backlit face provides detailed information on tasks in progress.
- **COSMO | 2WAY** bi-directional communication allows the display of feedback from the receivers about the status of operation.
- Minimalist, transparent magnetic handle enables stable placement of the remote control on the wall.
- Colour versions: ○



## COSMO | HM



**MOBILUS COSMO | HM** is a modern 99-channel remote control with traditional buttons operating in **COSMO | 2WAY** bi-directional communication standard. Minimalist style makes it a perfect addition to the interiors of modern houses and apartments.

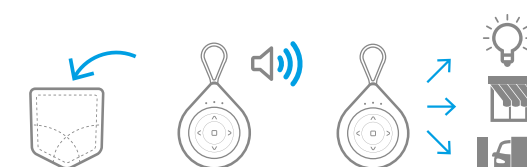






## The most important features:

- A modern remote control in the form of a pendant with traditional buttons.
- Control of up to 4 appliances in **COSMO | 2WAY** bi-directional communication standard, e.g. drive-in and garage doors, roller shutters, blinds, awnings, lighting, solenoid valves, ON/OFF electrical receivers.
- **COSMO | 2WAY** bi-directional communication allows the display of feedback from the receivers about the status of operation.
- Backlit face with 4-diode system provides detailed information about tasks in progress, whereas an embedded buzzer notifies about an obstacle with an audio signal.
- An elastic pendant allows the user to attach keys or a remote control.
- **COSMO | G3+** remote control won a prestigious Red Dot award for Product Design 2016.
- Colour versions: ● ○



COSMO | G3+

2 WAY

MOBILUS COSMO | G3+ is a modern 4-channel remote control with traditional buttons fitted with **COSMO | 2WAY** bi-directional communication unit. The remote control is so small that it fits in a pocket.



reddot design award  
winner 2016







## MOBILUS C-MR



A concealed receiver for radio control of ordinary roller shutter motors. The extended protocol of **COSMO | 2WAY** bi-directional communication facilitates sending the feedback about the position or overload. **MOBILUS C-MR** enables the control of key switches: with a holding up function, without a holding up function, a bell switch. It is possible to change the time of holding up of switches.



### The most important features:

- It is possible to radio control the roller shutters.
- **MOBILUS C-MR** receiver is remotely controlled by means of **COSMO | GTW** control panel and all **COSMO** remote controls with **COSMO | 2WAY** bi-directional communication technology.
- Option to increase the range of the radio signal thanks to the signal repeater function.
- Unit designed for a concealed junction box.



## MOBILUS C-ZR



A concealed receiver for radio control of ordinary blinds motors. **MOBILUS C-ZR** enables the control of blinds position and inclination angle of slats. The extended protocol of **COSMO | 2WAY** bi-directional communication facilitates sending the feedback about the position or overload.



### The most important features:

- It is possible to radio control the blinds and determine the inclination angle of slats.
- **MOBILUS C-ZR** receiver is remotely controlled by means of **COSMO | GTW** control panel and all **COSMO** remote controls with **COSMO | 2WAY** bi-directional communication technology.
- Option to increase the range of the radio signal thanks to the signal repeater function.
- Unit designed for a concealed junction box.







## MOBILUS C-GR



Receiver designed for radio control of a drive-in or garage door. The extended protocol of **COSMO | 2WAY** bi-directional communication and the use of additional sensors (contractors) facilitates sending the feedback about the position.



### The most important features:

- It is possible to radio control a drive-in or garage door.
- **MOBILUS C-GR** receiver is remotely controlled by means of **COSMO | GTW** control panel and all **COSMO** remote controls with **COSMO | 2WAY** bi-directional communication technology.
- Option to increase the range of the radio signal thanks to the signal repeater function.
- Unit designed for the operation in a concealed junction box or next to the door control unit.



## MOBILUS C-AR

Concealed radio transmitter **MOBILUS C-AR** is designed for cooperation with alarm control panels. If the alarm is activated, **MOBILUS C-AR** sends a defined command: PULL UP, PULL DOWN, TURN ON, TURN OFF to the receivers connected with it, e.g. drive-in and garage doors, roller shutters, blinds, awnings, lighting, solenoid valves, ON/OFF electrical receivers.



### The most important features:

- It increases safety – it allows the user to determine the operation mode of radio devices if the alarm is detected (e.g. pulling down the roller shutters and switching on the lighting in the event of a burglary detection).
- **MOBILUS C-AR** transmitter remotely controls **MOBILUS ERS** and **MOBILUS MR** motors as well as **MOBILUS C-MR**, **MOBILUS C-GR** and **MOBILUS C-ZR** units.
- The unit is intended for cooperation with an alarm control panel.







## MOBILUS C-SW



A concealed transmitter allows the user to turn on / turn off electrical devices, e.g. a solenoid valve of a garden sprinkler or external lighting. This feature makes them a part of a **SMART HOUSE**. The extended protocol of **COSMO | 2WAY** bi-directional communication provides feedback about the transmitter operation.



### The most important features:

- It is possible to turn on / turn off by radio transmission electrical receivers with a power of up to 3.5 kW, e.g. a solenoid valve of a garden sprinkler.
- **MOBILUS C-SW** receiver is remotely radio controlled by means of **COSMO | GTW** control panel and all **COSMO** remote controls with **COSMO | 2WAY** bi-directional communication technology.
- Option to increase the range of the radio signal thanks to the signal repeater function.
- Unit designed for a concealed junction box.



## MOBILUS C-SWP



"ON/OFF" socket switch allows each device connected to this unit to become a part of a **SMART HOUSE**. The extended protocol of **COSMO | 2WAY** bi-directional communication provides feedback about the transmitter operation.



### The most important features:

- It is possible to turn on / turn off by radio transmission electrical receivers with a power of up to 3.5 kW, e.g. a lamp, connected to an electric socket.
- **MOBILUS C-SWP** receiver is remotely radio controlled by means of **COSMO | GTW** control panel and all **COSMO** remote controls with **COSMO | 2WAY** bi-directional communication technology.
- Option to increase the range of the radio signal thanks to the signal repeater function.
- The unit is connected between the electric socket and the receiver.







MOBILUS ERS

senso

2 WAY

The family of **MOBILUS ERS** motors with **SENSO** obstacle detection technology provides the most technologically advanced solutions dedicated for demanding specialists and users of protective systems. Motors of **MOBILUS ERS** family were fitted with the state-of-the-art radio unit of **COSMO | 2WAY** bi-directional communication which enables the exchange of information between the transmitter and the receiver. The solution ensures full control of motors' operations and does not require visual contact with the controlled roller shutters. This feature is perfect for buildings with a large number of receivers.

### The most important features:

- **SENSO** - obstacle detection system which successfully protects roller shutters from damage.
- Overload detection.
- End positions set and memorised electronically.
- **MOBILUS ERS** motors are remotely radio controlled by means of **COSMO | GTW** control panel and all **COSMO** remote controls with **COSMO | 2WAY** bi-directional communication technology.
- Option to increase the range of the radio signal thanks to the signal repeater function.

MOBILUS MOTOR SP. Z O.O.



ul. Miętowa 37  
61-680 Poznań, PL  
tel. +48 61 825 81 11  
fax +48 61 825 80 52  
[www.mobilus.pl](http://www.mobilus.pl)

NIP 972-10-78-008  
REGON 634538898  
KRS 0000188418  
Sąd Rejonowy w Poznaniu XXI  
Wydział Gospodarczy KRS  
kapitał zakładowy 496 000,00 PLN



Business partner: