

Radio remote control for WÖHR Combilifts 551, 552, 542, 543 – only with electrically operated sliding doors

Specification

General:	Car parking systems with automatic control have to be provided with doors. The door can only be opened when the selected parking space is in parking position. Additionally the systems can be operated by radio remote control.
Doors:	Electrically operated sliding doors.
Radio remote control:	This additional control has its own switch cabinet (size: width approx. 22 cm, height approx. 30 cm, depth approx. 12 cm). The receiving aerial can be installed with a cable of four meters length. In case of bad reception an additional receiving aerial with a cable of 20 meters at additional charge. The modular control is installed between system control and operating device, if possible, in sight of the radio transmitter. The cables from the switch cabinet of the radio remote control to the system control and the operating device are surface laid. Without additional modification of the system control the radio remote control can be installed at a later time (only with electrically operated sliding doors). The selection of a parking space is reliable even when two hand-held transmitters are pressed simultaneously. In this case the radio transmitter with the stronger signal is accepted by the control. As a parking space can be selected without sight of the system, it is necessary to check before entering that the parking space in entrance position is the correct one. The radio remote control is suitable for up to 254 parking spaces. Each parking space can be selected by as many hand-held transmitters as wanted, which are set to the respective parking space. Standard adjustment of the frequency is 434,075 MHz.
Hand-held transmitter:	All the hand-held transmitters are preset ex works. They can easily be programmed without modification of the system control. In case of loss or damage a new hand-held transmitter can be set and delivered by the WÖHR service without modification of the other transmitters. Each transmitter has a durable 9 V battery. Their range is 30 to 50 meters with maximum battery capacity.
Lighting:	For safety reasons the lighting of the system has to be switched on for at least 60 seconds (provided by customer). The system control is provided with a potential-free contact to switch a contactor for the lighting including the necessary screwed cable gland (size M12).
Function:	Park-in process Selection of the parking space from the open car window via radio remote control. Dark tinted and multilayer windows of Mercedes S-Class or others as well as armoured vehicles reduce the range and can interfere with the radio signals. As soon as the selected parking space has reached the entrance position, the door opens automatically. After the parking process has been finished and the driver has left the parking space the door has to be closed by pressing the yellow button "Door" at the operating device. All other passengers have to leave the car before the parking process! Park-out process Selection of the parking space via radio remote control. After the selected parking space has reached the exit position, the door opens automatically. The driver enters the Combilift and exits his car. Then he leaves his car in the driving lane and presses the yellow button "Door" at the operating device. Closing the door The door is closed automatically after the yellow button "Door" has been pressed at the operating device. A light barrier between door and system controls the access. If the light barrier is interrupted by any persons or objects the closing process will be cancelled. The door does not reverse but remains in the respective position. The door can only be closed by a new command at the operating device. After the door has been closed a new park-in or park-out process can be started.

The manufacturer reserves the right to modify or alter above specifications.

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