

FM02

2-channel radio module
for handheld transmitters



For convenient barrier control from the vehicle

With the radio module, Magnetic barriers can be opened for passage or permanently and closed again at the touch of a button on the handheld transmitter. This allows drivers to open the barrier independently, without the need for an employee at the gate or reception to enable entry. In addition, radio operation is suitable for barriers that are rarely opened or closed, for example, for access barriers that are open all day. When using a 2-channel or 4-channel handheld transmitter, 2 buttons can be assigned to a radio module. Thus the first button can be assigned the “open” function and the second button the “close” function.

The handheld transmitters are registered with the control unit using the control unit menu. Individual handheld transmitters can also be deactivated with this menu if they have been lost or stolen.

The radio module can be used in many Magnetic barriers with the MGC or MGC Pro control unit. It is plugged into a free slot and self-installs via plug-and-play.

Technical data	FM02
Current consumption	20 mA
Frequency	433 MHz
HF modulation	FM
Number of storable handheld transmitters	100
Antenna connection	Pluggable screw-type terminals
Mini handheld transmitter dimensions	63 x 38 x 14 mm
Handheld transmitter dimensions	95 x 60 x 23 mm



Convenient control

The radio module and the corresponding radio handheld transmitters allow the barrier to be controlled conveniently from the vehicle. A central release by gate or reception is not necessary.



Comprehensive connectivity

You can control and monitor your Magnetic barriers in numerous ways: in addition to the radio module for handheld transmitters, modules are available for the Ethernet, RS-485, CAN and mobile communications in the 2G and 4G network.

ACCESS

PARKING

TOLL

TRAFFIC

FM02

2-channel radio module for handheld transmitters

- > Convenient operation of the barrier via radio handheld transmitters
- > Barrier opened from the vehicle
- > Opening and closing can be controlled as separate functions
- > Extension module for the MGC and MGC Pro control units
- > Easy to install with plug-and-play
- > Handheld transmitters logged on and off via the barrier control unit



The figure shows the 2-channel mini handheld transmitter MHS2K01.

The radio module can be used in the following barriers:

Item number	Description	Access	Access -L	Access Pro	Access Pro-L	Access Pro-H	Access XL2	Access XXL	Parking Pro	Toll
FM02	Radio module FM 433 MHz, 2-channel	•	•	•	•	•	•	•	•	•

Handheld radio transmitters

Item number	Description	Access	Access -L	Access Pro	Access Pro-L	Access Pro-H	Access XL2	Access XXL	Parking Pro	Toll
HS1K01	1-channel handheld transmitter	•	•	•	•	•	•	•	•	•
HS2K01	2-channel handheld transmitter	•	•	•	•	•	•	•	•	•
HS4K01	4-channel handheld transmitter	•	•	•	•	•	•	•	•	•
MHS2K01	2-channel mini handheld transmitter	•	•	•	•	•	•	•	•	•