

- Model** all (CAR)  
with code 231 (Garage door opener)
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### General

The garage door opener is a teachable remote control that saves and transmits radio signals for different receivers of opening and locking systems. The garage door opener is integrated into the inside rearview mirror.

### Function requirements

- Circuit 15R ON

### Function

The garage door opener contains 3 memory presets for different radio signals. The garage door opener is operated via the buttons integrated in the inside rearview mirror. Operational feedback takes place via the multicolor indicator lamp installed in the inside rearview mirror.

The following functions are available for the garage door opener:

- Programming memories
- Transmission of programmed radio signals
- Erasing memory locations
- Resetting as-delivered state

If no programming occurs within 100 s during programming, the programming automatically switches itself off.

**i** The garage door opener is approx. 85 % compatible with the garage door opening systems offered on the primary sales markets. If the original hand transmitter is not compatible with the garage door opener, a universal receiver (fix kit receiver) is available for installation in the garage. This responds to the ex works programming of the garage door opener.

For protection against improper use, the overhead control panel control unit transmits a security code to the garage door opener every time the function is triggered. If the transmitted security code does not match with the security code stored in the garage door opener, the garage door opener deletes the taught-in channels. However, the national coding is maintained.

### Overview of frequencies

	Code 231 (Garage door opener)	Code 232 (Garage door opener)
<b>Frequencies</b>	27 MHz, 30 MHz, 40 MHz, 418 MHz, 433 MHz, 866 MHz	Frequency range between 284 MHz and 390 MHz
<b>Basic setting in case of reset</b>	"Keelog" algorithm (f=433 MHz)	"Chamberlain" algorithm (f = 310 MHz)

	Control units		
	Overhead control panel control unit, basic function		GF82.20-P-9890A