PROGRAMMING CODES f/w 20.21 (LED Lights Edition; June 2011)

Select new settings while your system is operating. Press and hold the programming key button while counting the green flashing lights. The number of flashes required for programming of a certain mode is given in the table below. For more details see the G9's User Guide.

Nu. of flashes	Mode description	Audio & visual signals
1	Speaker mute This setting lasts until the set is turned off.	Only parking sensor function will be silenced.
1	**FOG lights flashing for 5 seconds then off** - use when overtaking - NOTE: parking detection is not active during overtaking mode	LED flashing red for 5 seconds
2	**FOG Lights Activation (3 modes)** **(DEFAULT: OFF)**	1 Continous ligts mode (green flash) 2 Flashing lights mode (red flash) 3 Lights Off (no flash)
3	Parking detection range (DEFAULT: LEVEL 2) /8 levels since f/w 20.13/	Reprogramming tones: 1 tone - LEVEL 1 (shortest) 2 tones - LEVEL 2 (medium short) ..... 8 tones - LEVEL 8 (extra long)
5	Silent power-up (DEFAULT: OFF) During activation only red and green indicator lights will flash with no sounds.	Red and green flashing lights and 6 short speaker tones.
8	Laser interference defense (LID) adjustment (DEFAULT: 4 SEC) Choose between 4 sec and 8 sec duration of LID.	Red and green flashing lights and 4 short speaker tones. If a fifth (5) tone coming from the speaker is short than the 4 sec mode was selected while the long tone indicates that the 8 sec mode was selected.
10	LED Dark mode (DEFAULT: OFF) Prevent the green light from flashing every second. The green light will stop flashing 60 seconds after power-up.	Red and green flashing lights and 6 short speaker tones.
11	**Show Firmware ver.** (moved to code 11 in f/w 20.21)	LED sequence of red and green blinks. Red blinks separate the firmware ID x.x.x.x characters while green blinks represent each character x value.
13	Laser Power Output (DEFAULT: OPTIMAL) Using «optimal setting» (recommended) will reduce the possibility of error detection while «maximum power» insures maximum range and energy.	Tones with LED flashing RED indicate MAXIMUM setting selected while tones with LED flashing GREEN indicate OPTIMAL setting being selected.

15	**Restore factory defaults & memorize sensors setup** Initiate restoring each time the number of sensors in the system has been changed so the unit would memorize the new setup.	Constant green light and longer speaker tone. (If 1 sensor in the system is not operating you will hear warning tones during first 15 seconds of operation)
18	Parking sensor mute (DEFAULT: OFF) With this mode activated the parking sensor will warn you of an obstacle being detected only with flashing red lights and with no sounds.	3 short red flashes.
20	**Manual sensors check** Check how many sensors is connected and operating.	The number of tones coming from the speaker indicates the number of sensors connected.
22	Professional operating mode Depressing the key button for a period of 22 LED flashes will turn the Professional mode ON*** or OFF****. /since f/w 19.35/	When hit by a laser in Pro mode the LED will flash only while the laser gun is firing. In Standard mode the LED stays Red for the whole duration of the alert (Default OFF).
30	PoliscanSpeed Vitronic (Nestor USA) laser scanner detection & jamming*. /since f/w 19.35/	By default the PoliscanSpeed LIDAR select (**Code 30)** is turned OFF. Depressing the key button for a period of 30 LED flashes will switch the PoliscanSpeed detection & jamming ON** or OFF***. (If switched ON you may occasionally receive false alerts from some cruise control systems)
33	UnicamVELOCITY Camea IR Camera detection. /since f/w 19.35/	By default the UnicamVELOCITY LIDAR select (**Code 33)** is turned OFF. Depressing the key button for a period of 33 LED flashes will switch the UnicamVELOCITY detection ON** or OFF***. (If switched ON you may occasionally receive false alerts from other IR cameras like Toll, Border, Security etc.)

*Jamming of the Poliscan laser scanner system cannot be 100% guaranteed because of the nature of the system. Poliscan measures speed up to 10m distance when the angle to the car becomes extreme (up to 45 deg.) and thus hindering the jamming effectiveness. On average 3 out of 4 speedings were not photographed.

**ON setting is indicated by the Green LED light and constant tone from the speaker.

***OFF setting is indicated by the Red LED light and flickering tone from the speaker.

35	Infinity DLCC/ACC (cruise control) system detecting & filtering. /since f/w 20.13/ Infinity vehicle Detect (**Code 35**), by default turned OFF.	If you prefer to receive a discrete alarm on passing Infinity vehicles activate the I.Detect feature.
37	Infinity vehicle Install (**Code 37**), by default turned OFF. /since f/w 20.13/	If you intend to mount AL G9 to the Infinity vehicle be sure to activate I.Install mode. In this mode laser filtering will be lowered so do not use it unless you have to.
39	Zurad Rapid Laser detection & jamming. Default - OFF. /since f/w 20.13/ Depressing the key button for a period of 39 LED flashes will switch the Zurad Rapid detection & jamming ON or OFF.	Poland only (If switched ON you may occasionally receive false alert from some cruise control systems)
41	Amata Video Laser detection & jamming. Default - OFF. /since f/w 20.13/ Depressing the key button for a period of 41 LED flashes will switch the Amata detection & jamming ON or OFF.	Poland only (If switched ON you may occasionally receive false alert from some cruise control systems)
43	LIDAR Select NJL SCS102/3. (Hungary) Default - ON. /since f/w 20.14/	Switching OFF LIDAR bands that are not used in your area can reduce the amount of false alerts, especially in urban environments
45	LIDAR Select Riegl FG21P. (Hungary) Default - ON. /since f/w 20.14/	Switching OFF LIDAR bands that are not used in your area can reduce the amount of false alerts, especially in urban environments
47	*Traffic Observer detection/jamming* Default - OFF. NOTE: /before f/w 20.20 default was ON/	There are several optical systems in use trough out the Europe which use the same frequency and cause false alerts. This way users in areas where TO is present can turn this option ON while others will benefit from reduced false alerts.
3x6	Recording Mode, **Code 3x6** /since f/w 20.13/ Code 3x6 is activated by entering and releasing code 6 three times separated by few green blinks every time. Simply activate this mode before you encounter Unknown Laser or before you pass by annoying false alert source and its Signal will be recorded in the G9 memory.	When this mode is activated G9 enters recording state in which it's normal functions are suspended until the power-off.