MG6250 - Magellan 2-partition 64-zone Wireless Console with GPRS/GSM
What's New V1.5

P ▲ R ▲ D O X™

Overview

- Updated and new programming sections
- Special EN 50131 defaults
- System timers for EN 50131 compliancy
- Setting EN 50131 option defaults from the console

The following programming sections have been added to V1.5. They may not be included in any manuals, therefore use this document in conjunction with the MG6250 Console Section Programming Guide. The newest additions in the following tables are depicted with a double-lined border.

Updated and New Programming Sections

Special Alarm Report Codes

Section	Description	Data
[1658]	Zone shutdown	/
	Duress	/
	Keypad lockout	/
	Paramedical	/

Special Report Codes

Section	Description	Data
[1702]	Installer login	/
	Installer logout	/
	Delinquency	/
	Fail to arm	/

Wireless Remote Trouble/Restore Report Codes

Section	Description	Data
[1741]	Wireless remote battery trouble	/
	Wireless remote battery trouble restore	/
	Future Use	/
	Future Use	/

General Options

Section	Option	Description	OFF	ON
[2002]	1	Volume boost on entry/exit	▲ **Disabled**	☐ Enabled
	2	Volume boost in speaker phone mode	☐ Disabled	▲ **Enabled**
	3	Check-in supervision time	▲ **24 Hrs.**	☐ 80 minutes
	4	RF jamming supervision	▲ **Disabled**	☐ Enabled
	5	Daylight savings time	▲ **Disabled**	☐ Enabled
	6	Trouble latch	▲ **Disabled**	☐ Enabled
	7	Need code to view troubles/events	▲ **Disabled**	☐ Enabled
	8	Bell squawk when installer in	▲ **Disabled**	☐ Enabled

Dialer Options

Section	Option	Description	OFF	ON
[2009]	1	Restrict arming when zone opens during exit delay*	▲ **Disabled**	☐ Enabled
	2	Ack trouble(s) before arming	▲ **Disabled**	☐ Enabled
	3	Future use	-	-
	4	Future use	-	-
	5	Future use	-	-
	6	Future use	-	-
	7	Future use	-	-
	8	Future use	-	-

* Stays open at the end of exit delay

System Timers

Section	Description	Data (value from 000 to 255)	Default Setting
[2020]	Entry delay 1	____/____/____ seconds	045 sec.
[2021]	Entry delay 2	____/____/____ seconds	045 sec.
[2022]	Intellizone delay	____/____/____ seconds (minimum 10 seconds)	045 sec.
[2023]	Recent closing delay	____/____/____ seconds	Disabled
[2024]	Auto-zone shutdown counter	____/____/____ times	005 times
[2025]	Remote lock delay	____/____/____ seconds	020 sec.
[2026]	Delinquency delay	____/____/____ days	Disabled
[2027]	Power failure report delay	____/____/____ minutes	015 min.
[2028]	Pre-alarm delay (StayD)	____/____/____ seconds	015 sec.
[2029]	Re-arm delay (StayD)	____/____/____ seconds	005 sec.
[2030]	Entry delay audio selection	____/____/____ (000 to 006*)	005
[2031]	Exit delay audio selection	____/____/____ (000 to 006*)	002
[2032]	Number of rings	____/____/____ rings	008 rings
[2033]	Answering machine override delay	____/____/____ seconds	030 sec.
[2034]	TLM fail timer	____/____/____ seconds	032 sec.
[2035]	Delay alarm transmission	____/____/____ seconds	Disabled
[2036]	Delay between dialling attempts	____/____/____ seconds (maximum 130 seconds)	020 sec.
[2037]	Lowest rate (primary communication)	____/____ (**01=landline**; 02 = GSM)	Disabled
[2038]	Auto-test report	____/____/____ days	Disabled
[2039]	Auto-test report time	____/____:____/____	Disabled
[2040]	GSM network failure delay	____/____/____ seconds	032 sec.
[2041]	GPRS bandwidth saver delay	____/____/____ minutes	Disabled
[2042]	EN 50131 fail to communicate timer	____/____/____ seconds	0 sec.
[2043]	Keypad lockout	____/____/____ attempts	0 attempts
[2044]	Keypad lockout duration	____/____/____ minutes	Report only
[2048]	Trouble shutdown	____/____/____ times	0
[2049]	Panic shutdown	____/____/____ times	0

* 000 = No tone; 001 = Beeping; 002 = Countdown; 003 = Tonality 1; 004 = Tonality 2; 005 = Tonality 3; 006 = Tonality 4

Special EN 50131 Defaults

General Options

Section	Option	Description	OFF	ON
[2000]	1	Access code length	☐ 6 Digits	▲ **4 Digits**
	2	Audible trouble warning (except AC power failure)	▲ **Disabled**	☐ Enabled
	3	AC power failure warning	▲ **Disabled**	☐ Enabled
	4	Lock master code	▲ **Disabled**	☐ Enabled
	5	Console tamper supervision	☐ Disabled	▲ **Enabled**
	6	Code necessary to bypass zones	☐ Disabled	▲ **Enabled**
	7	Partition	▲ **Disabled**	☐ Enabled
	8	Future use	-	-

Section	Option	Description	OFF	ON
[2002]	1	Volume boost on entry/exit	▲ **Disabled**	☐ Enabled
	2	Volume boost in speaker phone mode	☐ Disabled	▲ **Enabled**
	3	Check-in supervision time	☐ 24 Hrs.	▲ **80 minutes**
	4	RF jamming supervision	☐ Disabled	▲ **Enabled**
	5	Daylight savings time	▲ **Disabled**	☐ Enabled
	6	Trouble latch	☐ Disabled	▲ **Enabled**
	7	Need code to view troubles/events	☐ Disabled	▲ **Enabled**
	8	Bell squawk when installer in	☐ Disabled	▲ **Enabled**

Arming/Disarming Options

Section	Option	Description	OFF	ON
[2003]	1	Bell squawk when arming/disarming with remote control	▲ **Disabled**	☐ Enabled
	2	Stay arming switches to force stay arming	☐ Disabled	▲ **Enabled**
	3	Sleep arming switches to force sleep arming	☐ Disabled	▲ **Enabled**
	4	Full arming switches to force full arming	☐ Disabled	▲ **Enabled**
	5	Report system disarming	☐ Always	▲ **After alarm only**
	6	One-touch stay arming	▲ **Disabled**	☐ Enabled
	7	One-touch sleep arming	▲ **Disabled**	☐ Enabled
	8	One-touch full arming	▲ **Disabled**	☐ Enabled

Wireless Module Options

Section	Option	Description	OFF	ON
[2004]	1	Future use	-	-
	2	Report zone restore	☐ On bell cut-off	▲ **On zone closure**
	3 & 4	Tamper recognition options (console tamper follows this option)	3	4
		Disabled	OFF	OFF
		Trouble only	OFF	ON
		Disarmed: Trouble only / Armed: Follow zone's alarm type	**ON**	**OFF**
		Disarmed: Audible alarm / Armed: Follow zone's alarm type	ON	ON
	5	Generate tamper trouble if detected on bypassed zone	▲ **Disabled**	☐ Enabled
	6 & 7	Wireless transmitter supervision option	6	7
		Disabled	OFF	OFF
		Trouble only	OFF	ON
		Disarmed: Trouble only / Armed: Follow zone's alarm type	**ON**	**OFF**
		Disarmed: Audible alarm / Armed: Follow zone's alarm type	ON	ON
	8	Generate supervision trouble if detected on bypassed zone	▲ **Disabled**	☐ Enabled

Dialer Options

Section	Option	Description	OFF	ON
[2009]	1	Restrict Arming when zone opens during exit delay	☐ Disabled	▲ **Enabled**
	2	Ack trouble(s) before arming	☐ Disabled	▲ **Enabled**
	3	Future use	-	-
	4	Future use	-	-
	5	Future use	-	-
	6	Future use	-	-
	7	Future use	-	-
	8	Future use	-	-

System Timers

Section	Description	Data (value from 000 to 255)	Default Setting
[2020]	Entry delay 1	____/____/____ seconds	045 sec.
[2021]	Entry delay 2	____/____/____ seconds	045 sec.
[2022]	Intellizone delay	____/____/____ seconds (minimum 10 seconds)	045 sec.
[2023]	Recent closing delay	____/____/____ seconds	Disabled
[2024]	Auto-zone shutdown counter	____/____/____ times	005 times
[2025]	Remote lock delay	____/____/____ seconds	020 sec.
[2026]	Delinquency delay	____/____/____ days	Disabled
[2027]	Power failure report delay	____/____/____ minutes	015 min.
[2028]	Pre-alarm delay (StayD)	____/____/____ seconds	015 sec.
[2029]	Re-arm delay (StayD)	____/____/____ seconds	005 sec.
[2030]	Entry delay audio selection	____/____/____ (000 to 006*)	005
[2031]	Exit delay audio selection	____/____/____ (000 to 006*)	002
[2032]	Number of rings	____/____/____ rings	008 rings
[2033]	Answering machine override delay	____/____/____ seconds	030 sec.
[2034]	TLM fail timer	____/____/____ seconds	032 sec.
[2035]	Delay alarm transmission	____/____/____ seconds	Disabled
[2036]	Delay between dialling attempts	____/____/____ seconds (maximum 130 seconds)	020 sec.
[2037]	Lowest rate (primary communication)	____/____ (**01=landline**; 02 = GSM)	Disabled
[2038]	Auto-test report	____/____/____ days	Disabled
[2039]	Auto-test report time	____/____:____/____	Disabled
[2040]	GSM network failure delay	____/____/____ seconds	032 sec.
[2041]	GPRS bandwidth saver delay	____/____/____ minutes	Disabled
[2042]	EN 50131 Fail to communicate timer	____/____/____ seconds	120 sec.
[2043]	Keypad lockout	____/____/____ attempts	5 attempts
[2044]	Keypad lockout duration	____/____/____ minutes	15 minutes
[2048]	Trouble shutdown	____/____/____ times	5 times
[2049]	Panic shutdown	____/____/____ times	10 times

* 000 = No tone; 001 = Beeping; 002 = Countdown; 003 = Tonality 1; 004 = Tonality 2; 005 = Tonality 3; 006 = Tonality 4

System Timers for EN 50131 Compliancy

System timers for EN 50131 compliancy must respect the following criteria:

[2020] - [2021] Entry delay1: maximum value is 45 seconds
[2024] Auto-zone shutdown counter: value must be between 3 and 10 times
[2027] Power failure report delay: maximum value is 60 minutes
[2042] EN50131 FTC timer: maximum value is 120 seconds
[2043] Number of invalid codes before lockout value: must be between 3 and 10
[2044] Keypad lockout duration: minimum value is 2 minutes
[2048] Trouble shutdown: value must be between 3 and 10 times
[2049] Panic shutdown: value must be between 3 and 10 times
[2111] - [2121] Bell cut-off delay: must be between 90 seconds and 15 minutes

Setting EN 50131 Option Defaults from the Console

EN 50131 option defaults can be set from the console under advanced section **[9003]** or the installer menu.

08-SYSTEM SETUP		Enter a Code		11-EN50131		Set EN50131?
ok next exit	→	back	→	ok next exit	→	ok exit