



## MG5000 / MG5050 / SP5500 / SP6000 / SP7000

### What's New V2.31

The following are the new features and options included in V2.31. They are not included in any manuals yet, therefore use this document in conjunction with the programming guide to program your panel.

- Support for hardwired LCD keypads (MG32LCD). The following are the sections used for zone, PGM, user, and partition labels:

Zone Labels = [181] - [212]

PGM Labels = [341] - [356]

User Labels = [511] - [542]

Partition Labels = [771] - [772]

The following are input keys for entering labels:

Special Function Keys	
Key	Function
[STAY]	Insert space
[SLEEP]	Delete
[ARM]	Delete whole entry
[OFF]	Toggle numeric/alphanumeric keys
[BYP]	Toggle lower case/upper case
[MEM]	Special characters

Alphanumeric Key Input	
[1]	A / B / C
[2]	D / E / F
[3]	G / H / I
[4]	J / K / L
[5]	M / N / O
[6]	P / Q / R
[7]	S / T / U
[8]	V / W / X
[9]	Y / Z

Special Characters

032	048	064	080	096	112	128	144	160	176	192	208
	0	@	P	`	p	Û	Ê	á	§	∅	•
033	049	065	081	097	113	129	145	161	177	193	209
!	1	A	Q	a	q	Ü	Ë	â	±	Ł	¨
034	050	066	082	098	114	130	146	162	178	194	210
"	2	B	R	b	r	Ú	É	í	ıj	Đ	°
035	051	067	083	099	115	131	147	163	179	195	211
#	3	C	S	c	s	Û	Ê	í	↑	ß	`
036	052	068	084	100	116	132	148	164	180	196	212
\$	4	D	T	d	t	û	ê	ï	↓	ç	´
037	053	069	085	101	117	133	149	165	181	197	213
%	5	E	U	e	u	ù	è	ì	↵	®	~
038	054	070	086	102	118	134	150	166	182	198	214
&	6	F	V	f	v	ú	é	ñ	f	¤	÷
039	055	071	087	103	119	135	151	167	183	199	215
'	7	G	W	g	w	ô	ë	ñ	£	☐	«
040	056	072	088	104	120	136	152	168	184	200	216
(	8	H	X	h	x	ö	ä	ñ	→	µ	»
041	057	073	089	105	121	137	153	169	185	201	217
)	9	I	Y	i	y	ó	å	ğ	↵	∅	‡
042	058	074	090	106	122	138	154	170	186	202	218
*	:	J	Z	j	z	õ	â	ğ	↑	ÿ	\
043	059	075	091	107	123	139	155	171	187	203	219
+	;	K	[	k	{	ö	â	v	↓	Ä	X
044	060	076	092	108	124	140	156	172	188	204	220
,	<	L	¥	l		ó	à	v	¶	¢	®
045	061	077	093	109	125	141	157	173	189	205	221
-	=	M	]	m	}	ó	á	w	½	ã	©
046	062	078	094	110	126	142	158	174	190	206	222
.	>	N	^	n	→	ö	ä	w	¼	Ö	™
047	063	079	095	111	127	143	159	175	191	207	223
/	?	O	_	o	←	ı	Ä	Æ	¼	ö	≡

- New options to display entry/exit delays on MG32LCD keypad modules:

[701] General Code Options		Bold = Default setting	
Option		OFF	ON
[7]	Display entry delay on MG32LCD keypad	<input type="checkbox"/> Disabled	<input type="checkbox"/> Enabled
[8]	Display exit delay on MG32LCD keypad	<input type="checkbox"/> Disabled	<input type="checkbox"/> Enabled

- Added two new zone definitions: 23 = Instant No Pre-Alarm, 24 = Follow No Pre-Alarm. These zone definitions ignore the Flex-Instant delay, and act like traditional Instant and Follow zones.

Zone Definitions	Stay Arm	Sleep Arm	Fully Arm	Zone Definitions
01 = Entry Delay 1	Entry Delay 1	Entry Delay 1	Entry Delay 1	11 = Instant Fire
02 = Entry Delay 2	Entry Delay 2	Entry Delay 2	Entry Delay 2	12 = Delayed Fire
03 = Entry Delay 1 (Full Arm)	Not Armed	Not Armed	Entry Delay 1	13 = Instant Fire Silent
04 = Entry Delay2 (Full Arm)	Not Armed	Not Armed	Entry Delay 2	14 = Delayed Fire Silent
05 = Follow	Follow*	Follow*	Follow	15 = 24Hr. Buzzer
06 = Follow (Sleep/Full Arm)	Not Armed	Follow*	Follow	16 = 24Hr. Burglary
07 = Follow (Full Arm)	Not Armed	Not Armed	Follow	17 = 24Hr. Hold-up
08 = Instant	Instant*	Instant*	Instant	18 = 24Hr. Gas
09 = Instant (Sleep/Full Arm)	Not Armed	Instant*	Instant	19 = 24Hr. Heat
10 = Instant (Full Arm)	Not Armed	Not Armed	Instant	20 = 24Hr. Water
				21 = 24Hr. Freeze
23 = Instant No Pre-Alarm	Instant	Instant	Instant	22 = N/A
24 = Follow No Pre-Alarm	Follow	Follow	Follow	25 = Keypress Maintain**
* Flex-Instant = Zone will follow the delay at section [720], (default is 15 seconds / 0 = instant zone)				26 = Keypress Momentary**

\*\* On-board hardwire control panel zones only

- New option to disable reporting:

[800] Dialer Options		Bold = Default setting	
Option	OFF	ON	
[8] Disable Reporting	<input type="checkbox"/> Dialer Activated	<input type="checkbox"/> No Dialer	

- New Auto-Test Report Transmission options:

[801] Dialer Options		Bold = Default setting	
Option	OFF	ON	
[3] & [4] Auto-Test Report Transmission Options			
[3]	[4]	Auto-Test Report Transmission Options	
OFF	OFF	Transmit the test report code every time the days programmed in section [840] have elapsed at the time programmed in section [850] (default).	
OFF	ON	When disarmed: Transmit test report code every time the time programmed in section [852] has elapsed. When armed: Transmit test report code every time the time programmed in section [851] has elapsed.	
ON	OFF	The control panel will transmit the test report code every hour on the minute value programmed in section [850] (the last two digits). Note that the first two digits of section [850] will be ignored. <i>E.g. If 10:25 was programmed into section [850], the test report code would be transmitted at the 25th minute of every hour, i.e. 11:25, 12:25, etc.</i>	
ON	ON	The test report code will be transmitted when any of the conditions of the second and third options listed above (options [3] = OFF and [4] = ON / options [3] = ON and [4] = OFF) are met.	

- New armed report delay for auto-test report transmission:

Section	Data	Description
[851]	___/___/___ (000 to 255 x 1 minute)	Armed report delay (default 000)

- New disarmed report delay for auto-test report transmission:

Section	Data	Description
[852]	___/___/___ (000 to 255 x 1 minute)	Disarmed report delay (default 000)

- Added new 2007 Daylight Saving Time for New Zealand (Country Code [19]):

Country Code List (Default = <b>bold</b> )	
00 = US, Canada, Mexico, St.Johns, Bahamas, Turks and Caicos	09 = Lord Howe Island- Tasmania
01 = Cuba	10 = New Zealand, Chatham
02 = Brazil	11 = Tonga
03 = Chile	12 = Iraq and Syria
04 = Falklands	13 = N/A
05 = Paraguay	14 = Lebanon, Kirgizstan
06 = European Union, UK, and Greenland	15 = Palestine
07 = Russia and most states of the former USSR	16 = Egypt
08 = Australia- South Australia, Victoria, Australian Capital Territory, New South Wales	17 = Namibia
	<b>18 = USA, Canada (New Daylight Saving Time for 2007)</b>
	19 = New Zealand (New Daylight Saving Time for 2007)

- Added new event to the PGM Event table:

Event Group #	Sub-group #
<b>02 = Partition Status</b>	15 = Pre-alarm delay

- New visual (LED) and auditory indicators for the Magellan 2-Way Remote Control (MG-REM2) V2.01:  
Full/Force Arming Indicators:

LED Sequence	Auditory Sequence	Action
Green on	Two beeps	Disarming
Red / green slow flash	Confirmation beep	Exit delay
Red on	Confirmation beep	Arming / Entry Delay
Red fast flash	Alarm beep	Alarm

Stay/Sleep Arming Indicators:

LED Sequence	Auditory Sequence	Action
Green on	Two beeps	Disarming
Yellow / green slow flash	Confirmation beep	Exit delay
Yellow on	Confirmation beep	Arming / Entry Delay
Red fast flash	Alarm beep	Alarm

Other Indicators:

LED Sequence	Auditory Sequence	Action
Yellow on	Confirmation beep	PGM on/off
Green on	Confirmation beep	Tuner on
Red on	Confirmation beep	Tuner off

- By default, the panel supports the latest MG-REM2, V2.01 or higher. If you are using the older version of the MG-REM2 (V2.00) any action will result in a rejection beep, therefore set the following option to OFF so that the remote gives the appropriate feedback:

[701] General System Options	Bold = Default setting	
Option	OFF	ON
[6] MG-REM2 version number	<input type="checkbox"/> MG-REM2 V2.00	<input type="checkbox"/> <b>MG-REM2 V2.01 or higher</b>

- It is now possible to acknowledge the VDMP3 and disarm the system using the sequence: [1] + [VALID CODE].

**P**  **R**  **D O X**<sup>®</sup>  
S E C U R I T Y S Y S T E M S

[paradox.com](http://paradox.com)

Printed in Canada - 07/2007

MGSP-EW02