

Safewatch Plus/Entrepreneur PROGRAM FUNCTION MAP

**NOTE: Refer to Section 5 for U.L.
Listed System requirements**

Factory Default Values For All Functions Are Shown In Brackets []. Valid Ranges Are Shown Inside { }.

USER LEVEL PROGRAMMING

User Authorization Codes. Use any four digits (0-9). Digits may repeat.

001 **MASTER** USER AUTHORIZATION CODE [1234] _____ program four digits for maximum security.
 002 USER CODE 2 [15] _____
 003 USER CODE 3 [15] _____
 004 USER CODE 4 [15] _____

005 USER CODE 5 [15] _____
 006 USER CODE 6 [15] _____

"[F's]" indicate the code is deleted. USER CODE 1= Master User Authorization Code.

Counters, Timers, and Special Use Functions

007 USAGE COUNT CODE 06 [255] _____ {1-254, 255=permanent}
 008 TIME UNTIL NEXT COMMUNICATOR TEST [0] 14 {0-24}
 009 CLEAR ALARM MEMORY {no value required}

INSTALLER LEVEL PROGRAMMING

Counters, Timers, and Special Use Functions

010 DELETE CODES {1-6, 0 will delete the installer code}
 011 ENTRANCE 1 TIME IN SEC. [44] 44 {1-255}
 012 ENTRANCE 2 TIME IN SEC. [10] _____ {1-255}
 013 EXIT TIME IN SECONDS [44] 44 {1-255}
 014 ACCESS TIME IN SECONDS [5] _____ {0-255, 0 = LATCH}
 015 DELAY BURG OUTPUT IN SEC. [0] _____
 016 BURG CUTOFF TIME IN MIN. [4] _____ **

017 FIRE CUTOFF TIME IN MIN. [4] _____ **
 018 POLICE CUTOFF TIME IN MIN. [4] _____ **
 019 MEDICAL CUTOFF TIME IN MIN. [4] _____ **
 * {0-255} ** {1-254, 0 or 255 = Never cutoff}
 020 TIME BETWEEN COMM. TEST [15] _____
 {0-15, 0 = 12 hours, 1-7 = 1 to 7 days,
 8-15 = X2 days (Example: 15 X 2 = 30 days)}
 021 RESERVED FOR FUTURE USE

Configuration Digits for User Codes 1 - 6 {0-15} Refer to Table 6

022 CODE 1 [1] _____
 023 CODE 2 [1] _____
 024 CODE 3 [1] _____

025 CODE 4 [1] _____
 026 CODE 5 [1] 9
 027 CODE 6 [1] _____

Zone Definitions (1-255)

028 ZONE 1 [64] 64
 029 ZONE 2 [64] 65
 030 ZONE 3 [80] 65

IMPORTANT: Control power must be temporarily removed and restored if changes to Functions 28-33 are made.

031 ZONE 4 [80] 65
 032 ZONE 5 [66] 65
 033 ZONE 6 [83] 81

(Refer to the Zone Planning Guide)

Digital Communicator Setup

034 COMMUNICATOR DISABLE/DELAY IN SECONDS [1] _____ {0-255, 0 disables communicator}
 035 DIAL ATTEMPTS BEFORE SHUTDOWN TELEPHONE NUMBER 1* [10] _____ {1-15} Note: Odd value (1, 3, etc.) will disable
 036 DIAL ATTEMPTS BEFORE SHUTDOWN TELEPHONE NUMBER 2* [10] _____ {1-15} the fail to communicate warning.
 037 DUAL REPORTING OF ALARMS [0] _____ {0=N, 1=Y}
 038 DUAL REPORTING OF NON-ALARMS [0] _____ {0=N, 1=Y} * U.L. requires 5 dial attempts minimum,
 039 COMMUNICATOR ON-HOOK TIME IN SECONDS [3] _____ {0-255} 10 maximum. An even value (6, 8 etc.) shall
 040 TIME BETWEEN DIAL ATTEMPTS IN SECONDS [2] _____ {0-15} be selected to enable the Fail to
 Communicate (TELCO Fail).
 041 RESERVED FOR FUTURE USE—EXITS TO PROGRAMMING ENTRY MODE
 042 DISABLE DIALER TEST ON POWER-UP [0] _____ {0=N, 1=Y}
 043 RESERVED FOR FUTURE USE
 044 RESERVED FOR FUTURE USE—EXITS TO PROGRAMMING ENTRY MODE

Account Number Telephone Number 1 {0-15}

045 DIGIT 1 [15] 3
 046 DIGIT 2 [15] 7
 047 DIGIT 3 [15] 0

Note: A "0" signifies no entry. To report the number "0", a "10" must be programmed.

**NOTE: Refer to Section 5 for U.L.
Listed System requirements**

Communicator Reporting Options Telephone Number 1 (0=N, 1=Y)	048 TOUCH TONE DIAL [0] _____	055 KP FIRE [1] _____	062 LOW BATTERY [1] _____
	049 ZONE 1 [1] _____	056 KP POLICE [1] _____	063 AC FAILURE [0] _____
	050 ZONE 2 [1] _____	057 KP MEDICAL [1] <u>0</u>	064 AUTO TEST [1] _____
	051 ZONE 3 [1] _____	058 DURESS [0] <u>1</u>	065 MEMORY ERROR [0] _____
	052 ZONE 4 [1] _____	059 SUPV/TRBL [1] _____	066 RESERVED FOR FUTURE USE
	053 ZONE 5 [1] _____	060 OPEN/CLOSE [0] _____	067 MISSING
	054 ZONE 6 [1] _____	061 BYPASSED ZONE [0] _____	OPERATING PANEL [1] _____

Number To Dial
Telephone 1
(0-15)
Defaults are [15]

<u>10</u> 068 D1	<u>3</u> 069 D2	<u>8</u> 070 D3	<u>1</u> 071 D4	<u>3</u> 072 D5	<u>6</u> 073 D6	<u>2</u> 074 D7	075 D8
076 D9	077 D10	078 D11	079 D12	080 D13	081 D14	082 D15	083 D16

NOTE: A 0 or 10 = dialing number "0", 11 and 12 = Touchtone "*" and "#", 13 = three second dialing pause, 14 = additional wait for dial tone, 15 = end of dialing and MUST be programmed after the last valid number.

Special Functions

084-085 EXITS TO PROGRAMMING ENTRY MODE
086 COPY TEL. 1 ACCOUNT CODE AND REPORTING OPTIONS TO TEL. 2 {no value required}
087 RESERVED FOR FUTURE USE—EXITS TO PROGRAMMING ENTRY MODE

Account Number
Telephone 2(0-15)

088 DIGIT 1 [15] 3 089 DIGIT 2 [15] 7 090 DIGIT 3 [15] 0

Note: A "0" signifies no entry. To report the number "0", a "10" must be programmed.

Reporting Options
Telephone
Number 2
(0=N, 1=Y)

091 TOUCHTONE DIAL [0] _____	098 KP FIRE [1] _____	105 LOW BATTERY [1] _____
092 ZONE 1 [1] _____	099 KP POLICE [1] _____	106 AC FAILURE [0] _____
093 ZONE 2 [1] _____	100 KP MEDICAL [1] <u>0</u>	107 AUTO TEST [1] _____
094 ZONE 3 [1] _____	101 DURESS [0] <u>1</u>	108 MEMORY ERROR [0] _____
095 ZONE 4 [1] _____	102 SUPV/TRBL [1] _____	109 RESERVED FOR FUTURE USE
096 ZONE 5 [1] _____	103 OPEN/CLOSE [0] _____	110 MISSING
097 ZONE 6 [1] _____	104 BYPASSED ZONE [0] _____	OPERATING PANEL [1] _____

Number To Dial
Telephone 2(0-15)
Defaults are [15]

<u>10</u> 111 D1	<u>3</u> 112 D2	<u>8</u> 113 D3	<u>1</u> 114 D4	<u>3</u> 115 D5	<u>6</u> 116 D6	<u>3</u> 117 D7	118 D8
119 D9	120 D10	121 D11	122 D12	123 D13	124 D14	125 D15	126 D16

NOTE: Program these Functions in the same manner as Functions 068 - 083

127-144 RESERVED FOR FUTURE USE

Control Options All except #148 are Yes/No Format {0=No, 1=Yes}	145 TWO DIGIT ARMING *	[0] ____	153 AUTOMATIC INTERIOR OFF	[0] ____
	146 ENABLE FORCE ARMING *	[0] ____	154 EXTEND BA LOOP STABILIZATION	[0] ____
	147 PERMANENT FORCE ARMING (SHUNT) *	[0] ____	155 DISABLE INTERIOR FOLLOWER	[0] ____
	148 BURGLAR ALARM REPORTS UNTIL LOCKOUT {0-15, 0=No communicator lockout}	[7] ____	156 INTERIOR ON/OFF AVAIL. IF ARMED	[0] ____
	149 PULSING BURGLAR ALARM OUTPUT **	[1] <u>0</u>	157 DELAY OFF WHEN INTERIOR OFF	[0] ____
	150 PULSING FIRE (ff) ALARM OUTPUT ***	[0] <u>1</u>	158 SIREN/BELL TEST UPON ARMING	[0] ____
	151 BURGLAR LOOP AUDIBLE LOCKOUT	[0] ____	159 RESET TEST TIMER ON KISSOFF	[0] ____
	152 KEYSWITCH MODE CHANGE	[0] ____	160 INTERIOR DEFAULT UPON DISARM	[0] ____

Operating Panel Options {0=No, 1=Yes}	161 DISABLE KEYPAD SHUNTING	[0] ____	165 DISABLE KEY 8 WALK TEST	[0] ____
	162 DISABLE KEY 4 INTERIOR ON/OFF	[0] ____	166 SILENT KEYPAD ON BURGLAR	[0] ____
	163 DISABLE KEY 6 CHIME ON/OFF	[0] ____	167 SILENT KEYPAD/NO LED FLASH ON POLICE	[1] <u>0</u>
	164 DISABLE KEY 7 POWER INTERRUPT	[0] ____	168 START ENTRANCE DELAY1 ON KP ENTRIES	[0] ____

Zone Supervisory/ Trouble	169 ZONE 1 [0] ____	171 ZONE 3 [0] ____	Trouble upon: {0=OPEN 1=SHORT}	173 ZONE 5 [0] ____
	170 ZONE 2 [0] ____	172 ZONE 4 [0] ____		174 ZONE 6 [0] ____

Special Purpose All are Yes/No format except: #178, #179, #181, & #182 {0=No, 1=Yes}	175 ELIMINATE BURG ZONE EOLR SUPERVISION [0] ____
	176 EXITS TO PROGRAMMING ENTRY MODE
	177 RESTORE USER CODE 1 DEFAULT VALUE {no value required}
	178 FAST LOOP RESPONSE TIME x 40 milliseconds [2] ____ {1-255}
	179 SLOW LOOP RESPONSE TIME x 40 milliseconds [8] ____ {1-255}
	180 RESTORE FACTORY DEFAULTS [0] ____ {0-1}
	181 INSTALLER PROGRAM AUTHORIZATION CODE ____ [96321]
	182 ASSIGNABLE OUTPUT (TERM.3) DEFINITION [0] ____ {0-4}
	183 BURGLAR ALARM ACTIVATES ASSIGNABLE OUTPUT (TERM.3) [1] ____ {0-1}
	184 FIRE ff ALARM ACTIVATES ASSIGNABLE OUTPUT (TERM.3) [1] ____ {0-1}
	185 POLICE ALARM ACTIVATES ASSIGNABLE OUTPUT (TERM.3) [1] ____ {0-1}
	186 MEDICAL ALARM ACTIVATES ASSIGNABLE OUTPUT (TERM.3) [1] <u>0</u> {0-1}
	187 DISABLE KEYPAD FIRE ff [0] <u>1</u> {0-1}
	188 DISABLE KEYPAD POLICE [0] <u>1</u> {0-1}
	189 DISABLE KEYPAD MEDICAL [0] ____ {0-1}
	190 BURGLAR SAFETY DELAY [1] ____ {0-1}
	191 POLICE SAFETY DELAY [1] ____ {0-1}
	192 MEDICAL SAFETY DELAY [1] ____ {0-1}
	193 COMMUNICATOR SAFETY DELAY [0] ____ {0-1}
	194 FIRE SAFETY DELAY [1] ____ {0-1}
	195 PULSE DIALING 66/33 MAKE/BREAK RATIO [0] ____ {0-1} NOTE: 0=U.S. & NORTH AMERICAN SETTING
	196 EXITS TO PROGRAMMING ENTRY MODE
	197 MISSING KP RESTORE REPORT [0] ____ {0-1}
	198-199 FACTORY USE - NOT PROGRAMMABLE

* Not to be programmed in U.L. Listed Systems.

** Must be programmed with a value of "1" in U.L. Listed Systems.

*** Must be programmed with a value of "0" in U.L. Listed Systems.

Zone Planning Guide

33-5-370

ZONE TYPE	DEFINITION	VALUE	ZONES					
			01	02	03	04	05	06
BURGLAR LOOPS *	ENTRY DELAY 1	= 0						
	INSTANT	= 1						
	SILENT INSTANT	= 7						
	ENTRY DELAY 2	= 8						
	PERIMETER	= 0						
	INTERIOR	= 16						
	BYPASSABLE	= 0						
	NON-BYPASSABLE	= 32						
	FAST RESPONSE	= 0						
	SLOW RESPONSE	= 64						
FIRE ff (AUXILIARY "A")	NON-SUPERV/TBL	= 0						
	SUPERVISORY/TBL	= 128						
POLICE (AUXILIARY "B")	NO AUX. "B"	= 3						
	ALARM OUTPUT	= 8						
	NO VIOLATION	= 16						
	OUTPUT ON Z729							
	BYPASSABLE ††	= 0						
	NON-BYPASSABLE	= 32						
MEDICAL (AUXILIARY "C")	FAST RESPONSE	= 0						
	SLOW RESPONSE	= 64						
	NON-SUPERV/TBL	= 0						
	SUPERVISORY/TBL	= 128						
KEYSWITCH †		= 4						
	BYPASSABLE ††	= 0						
	NON-BYPASSABLE	= 32						
	FAST RESPONSE	= 0						
	SLOW RESPONSE	= 64						
	NON-SUPERV/TBL	= 0						
COMMUNICATOR REPORT ONLY	SUPERVISORY/TBL	= 128						
TOTAL VALUE FOR SELECTED ZONE TYPE =								
FUNCTION # FOR ENTERING VALUE TOTAL			28	29	30	31	32	33

Zone Planning Guide procedures for use:

1. Plan each zone individually.
2. Select the ZONE TYPE from the left column. Using the DEFINITION column, select characteristics for each ZONE TYPE and enter appropriate VALUE (as indicated in the VALUE column) in the block under the ZONE number to be programmed. (Each block must contain a single value selected from the VALUE column).
3. Add vertically the values selected for each ZONE and place the total in the TOTAL VALUE FOR SELECTED ZONE TYPE block.
4. When programming the control, enter the TOTAL VALUE NUMBER of each zone into the corresponding FUNCTION No.

ZONE PROTECTION

1 = *Front Door*

2 = *Side* "

3 = *Den* "

4 = *Windows*

5 = *H B*

6 = *motion*

KEYPAD EMERGENCY "A" = _____

KEYPAD EMERGENCY "B" = _____

KEYPAD EMERGENCY "C" = _____

SPECIAL FUNCTIONS

ASSIGNABLE OUTPUT (terminal 3)

Activates upon:

☐ ALARMS

- ☐ Burglar Alarms **
- ☐ Fire ff (Aux. "A") Alarms
- ☐ Police (Aux. "B") Alarms
- ☐ Medical (Aux. "C") Alarms

or

☐ NON-ALARMS (one only)

- ☐ Key 7 Sw. Power Reset/Auto Tests
- ☐ Access Activation
- ☐ Supervisory/Trouble conditions
- ☐ Entrance Pre-alarms and Chime

†† U.L. Does not permit this zone to be programmed as shuntable

† Shall not be employed in U.L. Listed Installations

IMPORTANT: Control power must be temporarily removed and restored if zones are re-defined (Functions 28-33).

* Burglar Loops shall not be defined as Supervisory/Trouble in U.L. Listed Systems

** Burglar Loops shall be defined as audible in U.L. Listed Systems

NOTE: Refer to Section 5 for U.L. Listed System requirements