

Z1100e PROGRAM FUNCTION MAP

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

USER OR INSTALLER LEVEL PROGRAMMING FUNCTIONS (USER MAY BE LOCKED-OUT FROM ANY OR ALL)

User Authorization Codes	001 CODE 1 [24500] _____	007 CODE 7 [FFFFF] _____	013 CODE 13 [FFFFF] _____
	002 CODE 2 [FFFFF] _____	008 CODE 8 [FFFFF] _____	014 CODE 14 [FFFFF] _____
Use any five digits {0-9}	003 CODE 3 [FFFFF] _____	009 CODE 9 [FFFFF] _____	015 CODE 15 [FFFFF] _____
	004 CODE 4 [FFFFF] _____	010 CODE 10 [FFFFF] _____	016 CODE 16 [FFFFF] _____
Digits may repeat	005 CODE 5 [FFFFF] _____	011 CODE 11 [FFFFF] _____	017 CODE 17 [FFFFF] _____
"[F's]" indicate the code is deleted	006 CODE 6 [FFFFF] _____	012 CODE 12 [FFFFF] _____	
	018 USER PROGRAM AUTHORIZATION CODE [98765] _____ - Program five digits for maximum security.		
Counters, Timers and Special Use Functions	019 USAGE COUNT CODE, 17 [255] _____ {1-254, 255=permanent}	028 BURG CUTOFF TIME IN MIN. [10] _____**	
	020 TIME UNTIL NEXT COMMUNICATOR TEST {0-24}	029 AUXILIARY "A" CUTOFF " " [255] _____**	
	021 CLEAR ALARM MEMORY {no value required}	030 AUXILIARY "B" CUTOFF " " [10] _____**	
	022 DELETE CODES {00-17, 00 will delete the installer code}	031 AUXILIARY "C" CUTOFF " " [10] _____**	
	023 ENTRANCE 1 TIME IN SEC. [30] _____ {1-255}	** {1-254, 0 or 255 = Never cutoff}	
	024 ENTRANCE 2 TIME IN SEC. [46] _____ {1-255}	032 TIME BETWEEN COMM. TESTS [1] _____	
	025 EXIT TIME IN SECONDS [60] _____ {1-255}	{0-7, 0 = 12 hours, 1-7 = 1 to 7 days}	
	026 ACCESS TIME IN SECONDS [5] _____ {0-255, 0 = LATCH}	033 BEGIN UPLOAD DATA {no value required}	
	027 DELAY BURG OUTPUT IN SEC. [0] _____ {0-255}		

Installer Level Programming ONLY Beyond This Point

Configuration	034 CODE 1 [3] _____	039 CODE 6 [3] _____	044 CODE 11 [3] _____	049 CODE 16 [3] _____
Digits for User Codes 1 - 17 {0-15}	035 CODE 2 [3] _____	040 CODE 7 [3] _____	045 CODE 12 [3] _____	050 CODE 17 [3] _____
Refer to Table 4	036 CODE 3 [3] _____	041 CODE 8 [3] _____	046 CODE 13 [3] _____	
	037 CODE 4 [3] _____	042 CODE 9 [3] _____	047 CODE 14 [3] _____	
	038 CODE 5 [3] _____	043 CODE 10 [3] _____	048 CODE 15 [3] _____	

Zone Definitions {1-255}	051 ZONE 1 [64] _____	055 ZONE 5 [65] _____	059 ZONE 9 [65] _____	063 ZONE 13 [65] _____
	052 ZONE 2 [72] _____	056 ZONE 6 [65] _____	060 ZONE 10 [65] _____	064 ZONE 14 [65] _____
Refer to the Zone Planning Guide	053 ZONE 3 [81] _____	057 ZONE 7 [65] _____	061 ZONE 11 [65] _____	065 ZONE 15 [65] _____
	054 ZONE 4 [65] _____	058 ZONE 8 [66] _____	062 ZONE 12 [65] _____	066 ZONE 16 [65] _____

Digital Communicator Setup	067 COMMUNICATOR DISABLE/DELAY IN SECONDS [0] _____ {0-255, 0 disables communicator}
	068 DIAL ATTEMPTS BEFORE SHUTDOWN TELEPHONE 1 [8] _____ {1-255} <i>Note: Odd value (1, 3, etc) will disable</i>
	069 DIAL ATTEMPTS BEFORE SHUTDOWN TELEPHONE 2 [8] _____ {1-255} <i>the fail-to-communicate warning.</i>
	070 FOR FUTURE USE
	071 FOR FUTURE USE
	072 LINE SEIZURE HANGUP TIME IN SECONDS [3] _____ {0-255}
	073 TIME BETWEEN DIAL ATTEMPTS IN SECONDS [10] _____ {0-255}
	074 ABORT COMMUNICATOR UPON DISARMING [0] _____ {0=N 1=Y}
	075 DISABLE DIALER TEST ON POWER- UP [0] _____ {0=N 1=Y}
	076 EXCEPTION OPENING/SYSTEM RESTORE [0] _____ {0=N 1=Y}

Account Number Telephone 1 {0-15}	077 DIGIT 1 [0] _____ (See note)	078 DIGIT 2 [8] _____	079 DIGIT 3 [8] _____	080 DIGIT 4 [8] _____
	<i>Note: Digit 1 MUST ALWAYS be "0" unless 4/2 format is enabled (Function 83). A "0" signifies no digit. To report the number "0", a "10" must be programmed. Some receivers translate numbers 10, 11, 12, 13, 14, 15 to hexadecimal characters A, B, C, D, E, F respectively.</i>			

Reporting Formats	081 TRANSMISSION FORMAT	[0] ___ {0-7}	085 EXTENDED SINGLE LINE	[0] ___ {0=N 1=Y}
Telephone 1	082 SINGLE ROUND REPORT	[0] ___ {0=N 1=Y}	086 PARITY CHECKSUM	[0] ___ {0=N 1=Y}
{0 - 7}	083 4/2 TRANSMISSION FORMAT	[0] ___ {0=N 1=Y}	087 TOUCHTONE DIALING	[0] ___ {0=N 1=Y}
	084 EXTENDED STANDARD	[0] ___ {0=N 1=Y}		

Reporting Codes	088 ZONE 01 [3] ___	096 ZONE 09 [6] ___	104 KP AUXILIARY A [1] ___	112 ZONE RESTORE	[0] ___
Telephone 1	089 ZONE 02 [3] ___	097 ZONE 10 [6] ___	105 KP AUXILIARY B [2] ___	113 SUPERVISORY/TBL	[0] ___
{Range 0-15}	090 ZONE 03 [3] ___	098 ZONE 11 [6] ___	106 KP AUXILIARY C [0] ___	114 LOW BATTERY	[0] ___
	091 ZONE 04 [3] ___	099 ZONE 12 [6] ___	107 DURESS	115 BATTERY RESTORE	[0] ___
	092 ZONE 05 [3] ___	100 ZONE 13 [6] ___	108 OPENING	116 AC FAILURE	[0] ___
	093 ZONE 06 [3] ___	101 ZONE 14 [6] ___	109 CLOSING	117 AC RESTORE	[0] ___
	094 ZONE 07 [3] ___	102 ZONE 15 [6] ___	110 SHUNTED ZONE	118 MEMORY ERROR	[0] ___
	095 ZONE 08 [1] ___	103 ZONE 16 [6] ___	111 CANCEL	119 AUTO TEST	[0] ___

Number To Dial	_____												
Telephone 1	120 D1	121 D2	122 D3	123 D4	124 D5	125 D6	126 D7	127 D8	128 D9	129 D10	130 D11	131 D12	132 D13
{0 - 15}	_____												
Defaults are [15]	133 D14	134 D15	135 D16	136 D17	137 D18	138 D19	139 D20	140 D21	141 D22	142 D23	143 D24	144 D25	145 D26
	<i>Note: A 0 or 10 = dialing number "0", 11 & 12 = touchtone "*" & "#", 13 = three second dialing pause, 14 = additional wait for dial tone, 15 = end of dialing and MUST be programmed after the last valid number.</i>												

Special Functions	146 AUDIO LISTEN-IN CAPABILITY TELEPHONE 1	[0] ___ {0=N 1=Y}
	147 EXITS TO PROGRAMMING ENTRY MODE	
	148 COPY TEL 1 ACCOUNT, FORMAT AND REPORT CODES TO TEL 2	{no value required}
	149 COPY TEL 1 DIALED NUMBER TO TEL 2	{no value required}

Account Number	150 DIGIT 1 [0] ___ (See note)	151 DIGIT 2 [8] ___	152 DIGIT 3 [8] ___	153 DIGIT 4 [8] ___
Telephone 2	<i>Note: Digit 1 MUST ALWAYS be "0" unless 4/2 format is enabled (Function 156). A "0" signifies no digit. To report the number "0", a "10" must be programmed. Some receivers translate numbers 10,11,12,13,14,15 to hexadecimal characters A,B,C,D,E,F respectively.</i>			
{0-15}				

Reporting Formats	154 TRANSMISSION FORMAT	[0] ___ {0-7}	158 EXTENDED SINGLE LINE	[0] ___ {0=N 1=Y}
Telephone 2	155 SINGLE ROUND REPORT	[0] ___ {0=N 1=Y}	159 PARITY CHECKSUM	[0] ___ {0=N 1=Y}
	156 4/2 TRANSMISSION FORMAT	[0] ___ {0=N 1=Y}	160 TOUCHTONE DIALING	[0] ___ {0=N 1=Y}
	157 EXTENDED STANDARD	[0] ___ {0=N 1=Y}		

Reporting Codes	161 ZONE 01 [3] ___	169 ZONE 09 [6] ___	177 KP AUXILIARY A [1] ___	185 ZONE RESTORE	[0] ___
Telephone 2	162 ZONE 02 [3] ___	170 ZONE 10 [6] ___	178 KP AUXILIARY B [2] ___	186 SUPERVISORY/TBL	[0] ___
{Range 0-15}	163 ZONE 03 [3] ___	171 ZONE 11 [6] ___	179 KP AUXILIARY C [0] ___	187 LOW BATTERY	[0] ___
	164 ZONE 04 [3] ___	172 ZONE 12 [6] ___	180 DURESS	188 BATTERY RESTORE	[0] ___
	165 ZONE 05 [3] ___	173 ZONE 13 [6] ___	181 OPENING	189 AC FAILURE	[0] ___
	166 ZONE 06 [3] ___	174 ZONE 14 [6] ___	182 CLOSING	190 AC RESTORE	[0] ___
	167 ZONE 07 [3] ___	175 ZONE 15 [6] ___	183 SHUNTED ZONE	191 MEMORY ERROR	[0] ___
	168 ZONE 08 [1] ___	176 ZONE 16 [6] ___	184 CANCEL	192 AUTO TEST	[0] ___

Number To Dial	_____												
Telephone 2	193 D1	194 D2	195 D3	196 D4	197 D5	198 D6	199 D7	200 D8	201 D9	202 D10	203 D11	204 D12	205 D13
{0 - 15}	_____												
Defaults are [15]	206 D14	207 D15	208 D16	209 D17	210 D18	211 D19	212 D20	213 D21	214 D22	215 D23	216 D24	217 D25	218 D26
	<i>Note: A 0 or 10 = dialing number "0", 11 & 12 = touchtone "*" & "#", 13 = three second dialing pause, 14 = additional wait for dial tone, 15 = end of dialing and MUST be programmed after the last valid number.</i>												

Special Functions 219 AUDIO LISTEN-IN CAPABILITY TELEPHONE 2 [0] ___ {0=N 1=Y}
 220 NUMBER OF RINGS UNTIL COMMUNICATOR AUTOMATICALLY ANSWERS [0] ___ {0-15}

Upload/Download
 Callback Phone 221 D1 222 D2 223 D3 224 D4 225 D5 226 D6 227 D7 228 D8 229 D9 230 D10 231 D11 232 D12 233 D13
 Number To Dial
 {0 - 15} 234 D14 235 D15 236 D16 237 D17 238 D18 239 D19 240 D20 241 D21 242 D22 243 D23 244 D24 245 D25 246 D26
 Defaults are [15] *Note: A 0 or 10 = dialing number "0", 11 & 12 = touchtone "*" & "#", 13 = three second dialing pause, 14 = additional wait for dial tone, 15 = end of dialing and MUST be programmed after the last valid number.*

Control Options 247 Z234 EIGHT ZONE EXPANDER ENABLED [0] ___ 256 KEYSWITCH MODE CHANGE [0] ___
 All except # 252 248 TWO DIGIT ARMING [0] ___ 257 SUPERVISORY ALERT LATCH [0] ___
 and #264 are Yes 249 ENABLE FORCE ARMING [0] ___ 258 AUTOMATIC INTERIOR OFF [0] ___
 No format 250 PERMANENT FORCE ARM (SHUNT) †† [0] ___ 259 AUTOMATIC DELAY OFF [0] ___
 {0=No, 1=Yes} 251 DELAY BURGLAR RESTORE UNTIL CUTOFF [0] ___ 260 DISABLE INTERIOR FOLLOWER [0] ___
 252 BURGLAR ALARM REPORTS UNTIL LOCKOUT †† [0] ___ *261 SIREN/BELL TEST UPON ARMING [0] ___
 * {0-15, 0=No Communicator lockout} 262 SLAVE MODE OPERATION [0] ___
 253 PULSING BURGLAR J-16, PIN 12 [0] ___ 263 RESET TEST TIMER ON KISSOFF [0] ___
 254 PULSING AUXILIARY "A" J-16, PIN 11 [0] ___ 264 INTERIOR/DELAY DISARM DEFAULT [0] ___
 255 BURGLAR LOOP AUDIBLE LOCKOUT †† [0] ___ †† Shall be disabled in U.L. Listed systems.

Control Station 265 COMMANDS 4 & 5 WORK IF ARMED [0] ___ 272 DISABLE KEYPAD COMMAND 6 [0] ___
 Options 266 DISABLE KEYPAD AUXILIARY "A" [0] ___ 273 DISABLE KEYPAD COMMAND 7 [0] ___
 Yes or No Format 267 DISABLE KEYPAD AUXILIARY "B" [0] ___ 274 DISABLE KEYPAD COMMAND 8 [0] ___
 {0=No, 1=Yes} 268 DISABLE KEYPAD AUXILIARY "C" [0] ___ 275 SILENT KEYPAD ON BURGLAR [0] ___
 269 DISABLE KEYPAD SHUNTING [0] ___ 276 SILENT KEYPAD/ NO LED BLINK ON AUX. "B" [0] ___
 270 DISABLE KEYPAD COMMAND 4 [0] ___ 277 START ENTRANCE DELAY ONE [0] ___
 271 DISABLE KEYPAD COMMAND 5 [0] ___

Zone Supervisory/ 278 ZONE 1 [0] ___ 282 ZONE 5 [0] ___ 286 ZONE 9 [0] ___ 290 ZONE 13 [0] ___
 Trouble upon: 279 ZONE 2 [0] ___ 283 ZONE 6 [0] ___ 287 ZONE 10 [0] ___ 291 ZONE 14 [0] ___
 {0=OPEN } 280 ZONE 3 [0] ___ 284 ZONE 7 [0] ___ 288 ZONE 11 [0] ___ 292 ZONE 15 [0] ___
 {1=SHORT} 281 ZONE 4 [0] ___ 285 ZONE 8 [0] ___ 289 ZONE 12 [0] ___ 293 ZONE 16 [0] ___

Extended Report 294 CODE 1 [1] ___ 299 CODE 6 [6] ___ 304 CODE 11 [11] ___ 309 CODE 16 [15] ___
 Digits For User 295 CODE 2 [2] ___ 300 CODE 7 [7] ___ 305 CODE 12 [12] ___ 310 CODE 17 [15] ___
 Codes 1 - 17 296 CODE 3 [3] ___ 301 CODE 8 [8] ___ 306 CODE 13 [13] ___ 311 KEY ** [15] ___
 {0-15} 297 CODE 4 [4] ___ 302 CODE 9 [9] ___ 307 CODE 14 [14] ___ ** Arming/disarming
 298 CODE 5 [5] ___ 303 CODE 10 [10] ___ 308 CODE 15 [15] ___ using a keyswitch

Extended Report 312 ZONE 1 [1] ___ 316 ZONE 5 [5] ___ 320 ZONE 9 [9] ___ 324 ZONE 13 [13] ___
 Digits For Zone 313 ZONE 2 [2] ___ 317 ZONE 6 [6] ___ 321 ZONE 10 [10] ___ 325 ZONE 14 [14] ___
 Alarms 314 ZONE 3 [3] ___ 318 ZONE 7 [7] ___ 322 ZONE 11 [11] ___ 326 ZONE 15 [15] ___
 {0-15} 315 ZONE 4 [4] ___ 319 ZONE 8 [8] ___ 323 ZONE 12 [12] ___ 327 ZONE 16 [15] ___

Extended Report 328 ZONE 1 [1] ___ 332 ZONE 5 [5] ___ 336 ZONE 9 [9] ___ 340 ZONE 13 [13] ___
 Digits For Zone 329 ZONE 2 [2] ___ 333 ZONE 6 [6] ___ 337 ZONE 10 [10] ___ 341 ZONE 14 [14] ___
 Restorals 330 ZONE 3 [3] ___ 334 ZONE 7 [7] ___ 338 ZONE 11 [11] ___ 342 ZONE 15 [15] ___
 {0-15} 331 ZONE 4 [4] ___ 335 ZONE 8 [8] ___ 339 ZONE 12 [12] ___ 343 ZONE 16 [15] ___

Extended Report	344 ZONE 1 [1] ____	348 ZONE 5 [5] ____	352 ZONE 9 [9] ____	356 ZONE 13 [13] ____
Digits For Zone	345 ZONE 2 [2] ____	349 ZONE 6 [6] ____	353 ZONE 10 [10] ____	357 ZONE 14 [14] ____
Shunts	346 ZONE 3 [3] ____	350 ZONE 7 [7] ____	354 ZONE 11 [11] ____	358 ZONE 15 [15] ____
{0-15}	347 ZONE 4 [4] ____	351 ZONE 8 [8] ____	355 ZONE 12 [12] ____	359 ZONE 16 [15] ____

Extended Report	360 ZONE 1 [1] ____	364 ZONE 5 [5] ____	368 ZONE 9 [9] ____	372 ZONE 13 [13] ____
Digits for Zone	361 ZONE 2 [2] ____	365 ZONE 6 [6] ____	369 ZONE 10 [10] ____	373 ZONE 14 [14] ____
Supervisory/Tbls	362 ZONE 3 [3] ____	366 ZONE 7 [7] ____	370 ZONE 11 [11] ____	374 ZONE 15 [15] ____
{0-15}	363 ZONE 4 [4] ____	367 ZONE 8 [8] ____	371 ZONE 12 [12] ____	375 ZONE 16 [15] ____

Miscellaneous	376 EXTENDED AC CODE [10] ____	380 EXTENDED KEYPAD "A" CODE [9] ____
Extended Report	377 EXTENDED BATTERY CODE [9] ____	381 EXTENDED KEYPAD "B" CODE [9] ____
Digits	378 EXTENDED PARITY CODE [15] ____	382 EXTENDED KEYPAD "C" CODE [9] ____
{0-15}	379 EXTENDED TEST CODE [9] ____	383 EXTENDED MISSING KEYPAD CODE [15] ____

384 to 401 EXITS TO PROGRAMMING MODE - RESERVED FOR FUTURE USE

Loop Response	402 FAST LOOP RESPONSE TIME x 40 milliseconds [2] ____ {1-255}
Timers	403 SLOW LOOP RESPONSE TIME x 40 milliseconds [8] ____ {1-255}

Special Purpose	404 EXITS TO PROGRAMMING ENTRY MODE	410 INSTALLER PROGRAM CODE _____ [F's]
	405 RESTORE FACTORY DEFAULTS [0] ____ {0-1}	411 INTERNAL CLOCK ADJUST [50]
	406 LOCKOUT USER FUNCTIONS 1-8 [0] ____ §	412 SYSTEM TEST FOR FACTORY
	407 LOCKOUT USER FUNCTIONS 9-16 [0] ____ §	413 TOUCHTONE TEST GENERATION
	408 LOCKOUT USER FUNCTIONS 17-24 [192] ____ §	414 FACTORY ID
	409 LOCKOUT USER FUNCTIONS 25-32 [255] ____ §	Do not program. Consult Factory

§ To lock-out User level access of Functions 1 to 32, select Functions to be locked-out and enter value into selection column. Add the values in the selection column to obtain a total. Enter total into the appropriated Functions (406-407) as indicated.

FUNCTION	VALUE	SELECTION
001 USER CODE 1	1	
002 USER CODE 2	2	
003 USER CODE 3	4	
004 USER CODE 4	8	
005 USER CODE 5	16	
006 USER CODE 6	32	
007 USER CODE 7	64	
008 USER CODE 8	128	
FUNCTION 406 TOTAL VALUE = [0]		

LOCKOUT USER FUNCTIONS 001 - 008

FUNCTION	VALUE	SELECTION
017 USER CODE 17	1	
018 USER PROGRAM CODE	2	
019 USAGE COUNT CODE 17	4	
020 TIME TILL NEXT TEST	8	
021 CLEAR ALARM MEMORY	16	
022 DELETE CODES	32	
023 ENTRANCE DELAY 1	64	[64]
024 ENTRANCE DELAY 2	128	[128]
FUNCTION 408 TOTAL VALUE = [192]		

LOCKOUT USER FUNCTIONS 017 - 024

FUNCTION	VALUE	SELECTION
009 USER CODE 9	1	
010 USER CODE 10	2	
011 USER CODE 11	4	
012 USER CODE 12	8	
013 USER CODE 13	16	
014 USER CODE 14	32	
015 USER CODE 15	64	
016 USER CODE 16	128	
FUNCTION 407 TOTAL VALUE = [0]		

LOCKOUT USER FUNCTIONS 009 - 016

FUNCTION	VALUE	SELECTION
025 EXIT DELAY TIME	1	[1]
026 ACCESS ON TIME	2	[2]
027 DELAY BURGLAR OUTPUT	4	[4]
028 BURGLAR CUTOFF TIME	8	[8]
029 AUX. "A" (FIRE ff) CUTOFF	16	[16]
030 AUX. "B" (POLICE) CUTOFF	32	[32]
031 AUX. "C" (EMER) CUTOFF	64	[64]
032 TIME BETWEEN TEST	128	[128]
FUNCTION 409 TOTAL VALUE = [255]		

LOCKOUT USER FUNCTIONS 025 - 032