

Programming Worksheets



Westinghouse
Security Systems

WSS5010
Version 1.0

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For the Record

Customer: _____

Address: _____

Phone: _____ Installation Date: _____

Installer's Code: _____

Module Name	Description	Physical Location
WSS5010	Main Panel	_____
WSS5108	Zone Expander 1	_____
WSS5108	Zone Expander 2	_____
WSS5108	Zone Expander 3	_____
WSS5108	Zone Expander 4	_____
WSS5108	Zone Expander 5	_____
WSS5108	Zone Expander 6	_____
WSS5132-900	Wireless Expander	_____
WSS5204	Power Supply / Output Expander	_____
WSS5208	Output Expander	_____
WSS5400	Serial Printer Module	_____
WSS5580	Voice Prompt Module	_____
WSS5908	Audio Interface Module	_____

Keypads	Keypad Type	Physical Location
Keypad 1	_____	_____
Keypad 2	_____	_____
Keypad 3	_____	_____
Keypad 4	_____	_____
Keypad 5	_____	_____
Keypad 6	_____	_____
Keypad 7	_____	_____
Keypad 8	_____	_____

WSS5010 — Zone 1-16 Assignment

System Zone	Partition		Zone Label	Zone Type	Zone Attributes								Serial Number (Wireless)							
	1	2			For Future Use	Tx Del.	Swing.	For future use	Bypass	Chime	Steady/Pulsed	Audible/Silent								
Zone 1																				
Zone 2																				
Zone 3																				
Zone 4																				
Zone 5																				
Zone 6																				
Zone 7																				
Zone 8																				
Zone 9																				
Zone 10																				
Zone 11																				
Zone 12																				
Zone 13																				
Zone 14																				
Zone 15																				
Zone 16																				

WSS5010 — Zone 17-32 Assignment

System Zone	Partition		Zone Label	Zone Type	Zone Attributes								Serial Number (Wireless)							
	1	2			For Future Use	Tx Del.	Swing.	For future use	Bypass	Chime	Steady/Pulsed	Audible/Silent								
Zone 17																				
Zone 18																				
Zone 19																				
Zone 20																				
Zone 21																				
Zone 22																				
Zone 23																				
Zone 24																				
Zone 25																				
Zone 26																				
Zone 27																				
Zone 28																				
Zone 29																				
Zone 30																				
Zone 31																				
Zone 32																				

Keypad Programming

[000] Keypad Assignment (Section 2.6 "Keypad Assignment")

Note: This must be done at each keypad requiring supervision.

[0] Slot (Address) – Valid entries are 11-18

	Defaults		
WSS 5508	1 1		
WSS5500	1 8		
KEYPAD 1	<input type="text"/>	KEYPAD 5	<input type="text"/>
KEYPAD 2	<input type="text"/>	KEYPAD 6	<input type="text"/>
KEYPAD 3	<input type="text"/>	KEYPAD 7	<input type="text"/>
KEYPAD 4	<input type="text"/>	KEYPAD 8	<input type="text"/>

Basic System Programming

Zone Definitions

- | | | |
|--------------------------------------|----------------------------------|-------------------------------|
| 00 Null Zone (Not Used) | ◆ 09 24 Hour Supervisory (LINKS) | 18 24 Hour Sprinkler |
| 01 Delay 1 | 10 24 Hour Supervisory Buzzer | 19 24 Hour Water |
| 02 Delay 2 | 11 24 Hour Burglary | 20 24 Hour Freeze |
| 03 Instant | 12 24 Hour Holdup | 21 24 Hour Latching Tamper |
| 04 Interior | 13 24 Hour Gas | ◆ 22 Momentary Keyswitch Arm |
| 05 Interior, Stay/Away | 14 24 Hour Heat | ◆ 23 Maintained Keyswitch Arm |
| 06 Delay, Stay/Away | 15 Not Used | ◆ 24 LINKS Answer |
| 07 Delayed 24 Hour Fire (Hardwired) | 16 24 Hour Panic | ◆ Shall not be used on |
| 08 Standard 24 Hour Fire (Hardwired) | 17 24 Hour Emergency | UL listed systems. |

[001] Zone 1-8 Definitions (Section 5.9 "Zone Assignments")

Default		Default	
01	<input type="text"/> 0 <input type="text"/> 1 Zone 1	04	<input type="text"/> 0 <input type="text"/> 3 Zone 5
03	<input type="text"/> 0 <input type="text"/> 1 Zone 2	04	<input type="text"/> 0 <input type="text"/> 3 Zone 6
03	<input type="text"/> 0 <input type="text"/> 1 Zone 3	04	<input type="text"/> 0 <input type="text"/> 3 Zone 7
03	<input type="text"/> 0 <input type="text"/> 5 Zone 4	04	<input type="text"/> 0 <input type="text"/> 3 Zone 8

[002] Zone 9-16 Definitions (Section 5.9 "Zone Assignments")

Default		Default	
00	<input type="text"/> Zone 9	00	<input type="text"/> Zone 13
00	<input type="text"/> Zone 10	00	<input type="text"/> Zone 14
00	<input type="text"/> Zone 11	00	<input type="text"/> Zone 15
00	<input type="text"/> Zone 12	00	<input type="text"/> Zone 16

[003] Zone 17-24 Definitions (Section 5.9 "Zone Assignments")

Default		Default	
00	<input type="text"/> Zone 17	00	<input type="text"/> Zone 21
00	<input type="text"/> Zone 18	00	<input type="text"/> Zone 22
00	<input type="text"/> Zone 19	00	<input type="text"/> Zone 23
00	<input type="text"/> Zone 20	00	<input type="text"/> Zone 24

[004] Zone 25-32 Definitions (Section 5.9 "Zone Assignments")

Default		Default	
00	<input type="text"/> Zone 25	00	<input type="text"/> Zone 29
00	<input type="text"/> Zone 26	00	<input type="text"/> Zone 30
00	<input type="text"/> Zone 27	00	<input type="text"/> Zone 31
00	<input type="text"/> Zone 28	00	<input type="text"/> Zone 32

[005] System Times

Default [000-255]
030 |_|_|_|_| Entry Delay 1
045 |_|_|_|_| Entry Delay 2
120 |_|_|_|_| Exit Delay
004 |_|_|_|_| Bell Cut-off

[006] Installer's Code (Section 4.1 "How to Enter Installer Programming")

Default
5010 |_|_|_|_|

[007] Master Code (Section 3.1 "Access Codes")

Default
1234 |_|_|_|_|

Programmable Output Options

- | | |
|-------------------------------------|---|
| 00 Not used | 08 Courtesy Pulse |
| 01 Burglary and Fire Bell Output | 09 System Trouble Output (with Trouble options) |
| 02 Utility Output | 10 Latched System Event [Strobe (with Event options)] |
| 03 Sensor Reset | 11 System Tamper (all sources: zones, kpd, modules) |
| 04 2-Wire Smoke Support (PGM2 ONLY) | 12 TLM and Alarm |
| 05 System (Partition) Armed Status | 13 Kissoff Output |
| 06 Ready To Arm | 14 Ground Start Pulse |
| 07 Keypad Buzzer Follow Mode | 15 For Future Use |
| | 16 LINKS 1000 Support (PGM 1 only) |

[009] WSS5010 PGM Output Programming (PGM 1 & 2) (Section 5.10 "PGM Outputs")

Default
02 |_|_| PGM 1
10 |_|_| PGM 2

[010] WSS5208 PGM Output Programming (PGM 3-10) (Section 5.10 "PGM Outputs")

Default		Default	
01	_ _ PGM 3	01	_ _ PGM 7
01	_ _ PGM 4	01	_ _ PGM 8
01	_ _ PGM 5	01	_ _ PGM 9
01	_ _ PGM 6	01	_ _ PGM 10

[011] WSS5204 PGM Output Programming (PGM 11-14) (Section 5.10 "PGM Outputs")

Default
01 |_|_| PGM 11
01 |_|_| PGM 12
01 |_|_| PGM 13
01 |_|_| PGM 14

[012] Keypad Lockout Options (Section 5.22 "Keypad Lockout")

Default
000 |_|_|_|_| Number of Invalid Codes Before Lockout
000 |_|_|_|_| Lockout Duration (in minutes)

[013] First System Option Code

Default		Option	ON	OFF	Section
OFF	<input type="checkbox"/>	1	Normally Closed Loops	End-of-Line Resistors ♦	2.9
OFF	<input type="checkbox"/>	2	Double End-of-Line Resistors	Single End-of-Line Resistors ♦	2.9
ON	<input type="checkbox"/>	3	On-board Zones 1-4 enabled	On-board Zones 1-4 disabled	5.27
ON	<input type="checkbox"/>	4	On-board Zones 5-8 enabled	On-board Zones 5-8 disabled	5.27
OFF	<input type="checkbox"/>	5	Zone 8 is Fast Loop Response	Zone 8 is Standard Loop Response	5.24
OFF	<input type="checkbox"/>	6	For future use		
ON	<input type="checkbox"/>	7	Event Buffer Follows Swinger Shutdown	Event Buffer Logs Events Past shutdown	5.17
OFF	<input type="checkbox"/>	8	For Future Use		

♦ Required for UL listed Systems.

[014] Second System Option Code

Default		Option	ON	OFF	Section
OFF	<input type="checkbox"/>	1	Arm / Disarm Bell Squawk enabled ♦	Arm / Disarm Bell Squawk disabled	5.20
OFF	<input type="checkbox"/>	2	Bell Squawk During Auto Arm	No Bell Squawk During Auto Arm	5.21
OFF	<input type="checkbox"/>	3	Bell Squawk On Exit Delay	No Bell Squawk On Exit Delay	5.15
OFF	<input type="checkbox"/>	4	Bell Squawk On Entry Delay	No Bell Squawk On Entry Delay	5.15
OFF	<input type="checkbox"/>	5	Bell Squawk on Trouble	No Bell Squawk on Trouble	3.4
ON	<input type="checkbox"/>	6	Audible Exit Beeps	Silent Exit Delay	5.15
OFF	<input type="checkbox"/>	7	Exit Delay Termination Enabled	Exit Delay Termination Disabled	5.15
OFF	<input type="checkbox"/>	8	Fire Bell is continuous	Fire Bell follows Bell Cut-off	5.1

♦ Required for UL Grade A Systems.

[015] Third System Option Code

Default		Option	ON	OFF	Section
ON	<input checked="" type="checkbox"/>	1	Fire Keys Enabled	Fire Keys Disabled	5.14
OFF	<input checked="" type="checkbox"/>	2	Panic Keys Audible (Bell / Beeps)	Panic Keys Silent	5.14
OFF	<input checked="" type="checkbox"/>	3	Quick Exit Enabled	Quick Exit Disabled	3.4
ON	<input type="checkbox"/>	4	For future use		
OFF	<input checked="" type="checkbox"/>	5	Code Required For Bypassing ♦	No Code Required	3.4
OFF	<input type="checkbox"/>	6	Master Code Not Changeable	Master Code Changeable	3.1
ON	<input checked="" type="checkbox"/>	7	TLM Enabled	TLM Disabled	5.11
OFF	<input type="checkbox"/>	8	TLM Audible When Armed	TLM Trouble Only When Armed	5.11

♦ Required for UL listed Systems.

[016] Fourth System Option Code

Default		Option	ON	OFF	Section
ON	<input type="checkbox"/>	1	AC Trouble Displayed ♦	AC Trouble Not Displayed	3.4
OFF	<input type="checkbox"/>	2	Trouble Light Flashes if AC Fails	Trouble Light Does Not Follow AC Status	3.4
OFF	<input type="checkbox"/>	3	Blank Keypad When Not Used	Keypad Active Always	5.23
OFF	<input type="checkbox"/>	4	Code Required to Remove Kypd Blanking	No Code Required	5.23
ON	<input type="checkbox"/>	5	Keypad Backlighting is enabled	Keypad Backlighting is disabled	5.19
OFF	<input checked="" type="checkbox"/>	6	Power Save Mode enabled	Power Save Mode disabled	5.23
OFF	<input type="checkbox"/>	7	Bypass Status Displayed While Armed	Bypass Status Not Displayed While Armed	3.4
OFF	<input type="checkbox"/>	8	For future use		

♦ Required for UL listed Systems.

Advanced System Programming

Zone Attribute Defaults

Zone Type		Opt. 1	Opt. 2	Opt. 3	Opt. 4	Opt. 5	Opt. 6	Opt. 7	Opt. 8
		On Audible	Steady	Chime	Bypass	Future	Swing	Tx Del	Future
		Off Silent	Pulsed	No	No	Use	No	No	Use
00	Null zone	Off	Off	Off	Off	Off	Off	Off	Off
01	Delay 1	On	On	On	On	Off	Off	Off	Off
02	Delay 2	On	On	On	On	Off	Off	Off	Off
03	Instant	On	On	On	On	Off	Off	Off	Off
04	Interior	On	On	Off	On	Off	Off	Off	Off
05	Interior, Stay/Away	On	On	Off	On	Off	Off	Off	Off
06	Delay, Stay/Away	On	On	Off	On	Off	Off	Off	Off
07	Delay 24 Hr Fire (Hardwired)	On	Off	Off	Off	Off	Off	Off	Off
08	Stand. 24 Hr Fire (Hardwired)	On	Off	Off	Off	Off	Off	Off	Off
09	24 Hr Superv. (LINKS)	Off	On	Off	Off	Off	Off	Off	Off
10	24 Hr Superv. Buzzer	Off	On	Off	On	Off	Off	Off	Off
11	24 Hr Burglary	On	On	Off	On	Off	Off	Off	Off
12	24 Hr Holdup	Off	On	Off	Off	Off	Off	Off	Off
13	24 Hr Gas ♦	On	Off	Off	Off	Off	Off	Off	Off
14	24 Hr Heat	On	Off	Off	Off	Off	Off	Off	Off
15	Not Used	On	On	Off	Off	Off	Off	Off	Off
16	24 Hr Panic	On	On	Off	Off	Off	Off	Off	Off
17	24 Hr Emergency (Non-Medical)	On	On	Off	Off	Off	Off	Off	Off
18	24 Hr Sprinkler	On	On	Off	Off	Off	Off	Off	Off
19	24 Hr Water	On	On	Off	Off	Off	Off	Off	Off
20	24 Hr Freeze	On	On	Off	Off	Off	Off	Off	Off
21	24 Hr Latching Tamper	On	On	Off	Off	Off	Off	Off	Off
22	Momentary Keyswitch	Off	Off	Off	Off	Off	Off	Off	Off
23	Maintained Keyswitch	Off	Off	Off	Off	Off	Off	Off	Off
24	LINKS Answer	Off	Off	Off	Off	Off	Off	Off	Off

♦ Has not been investigated for use with a carbon monoxide detector.

Zone 1-16 Attributes (Section 5.2 "Zone Attributes")

	On Off	Opt 1 Audible Silent	Opt 2 Steady Pulsed	Opt 3 Chime No	Opt 4 Bypass No	Opt 5 Future Use	Opt 6 Swing No	Opt 7 Tx Del. No	Opt 8 Future Use
[101]	Zone 1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[102]	Zone 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[103]	Zone 3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[104]	Zone 4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[105]	Zone 5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[106]	Zone 6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[107]	Zone 7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[108]	Zone 8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[109]	Zone 9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[110]	Zone 10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[111]	Zone 11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[112]	Zone 12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[113]	Zone 13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[114]	Zone 14	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[115]	Zone 15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[116]	Zone 16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Zone 17-32 Attributes (Section 5.2 "Zone Attributes")

	On Off	Opt 1 Audible Silent	Opt 2 Steady Pulsed	Opt 3 Chime No	Opt 4 Bypass No	Opt 5 Future Use	Opt 6 Swing No	Opt 7 Tx Del. No	Opt 8 Future Use
[117]	Zone 17	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[118]	Zone 18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[119]	Zone 19	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[120]	Zone 20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[121]	Zone 21	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[122]	Zone 22	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[123]	Zone 23	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[124]	Zone 24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[125]	Zone 25	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[126]	Zone 26	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[127]	Zone 27	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[128]	Zone 28	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[129]	Zone 29	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[130]	Zone 30	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[131]	Zone 31	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[132]	Zone 32	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PGM Attributes (Section 5.10 "PGM Outputs")

Program only the following attributes for the PGM Options listed. All others will be ignored. PGM Options are programmed in sections [009], [010], [011].

PGM Options 1, 8, 11-16:

Attribute 3 - Option Activates/Deactivates Output

PGM Options 2, 3, 5-7:

Attribute 1 - Output enabled

Attribute 2 - Not Used

Attribute 3 - Option Activates/Deactivates Output

PGM Option 9 (System Trouble Output):

Attribute 1 - Service Required

Attribute 2 - AC Fail

Attribute 3 - Telephone Line Fault

Attribute 4 - Dialer - Failure to Communicate

Attribute 5 - Fire Zone Fault

Attribute 6 - Zone Tamper

Attribute 7 - Zone Low Battery

Attribute 8 - Loss of Clock

PGM Option 10 Latched System Event

Attribute 1 - Burglary

Attribute 2 - Fire

Attribute 3 - Panic

Attribute 4 - Not Used

Attribute 5 - Supervisory

Attribute 6 - Priority

Attribute 7 - Holdup

Attribute	1	2	3	4	5	6	7	8
Default	ON	ON	ON	ON	ON	ON	ON	ON
WSS5010								
[141] PGM 1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[142] PGM 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WSS5208								
[143] PGM 3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[144] PGM 4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[145] PGM 5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[146] PGM 6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[147] PGM 7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[148] PGM 8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[149] PGM 9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[150] PGM 10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WSS5204								
[151] PGM 11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[152] PGM 12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[153] PGM 13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[154] PGM 14	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

[160] Maximum Dialing Attempts to Each Phone Number ♦ (Section 5.3 "Communicator Dialing")

Default

008 Valid entries are 001-255 attempts (Do not enter 000)

♦ For UL listed systems, must be programmed between 5 and 10 attempts.

[161] Post Dial Wait for Handshake (Section 5.3 "Communicator Dialing")

Default

040 Valid entries are 001-255 seconds

Zone Programming

[202] Zone Assignments (1-8) (Section 5.9 "Zone Assignment")

Default		Option	ON	OFF
ON	<input type="checkbox"/>	1	Zone 1 is enabled	Zone 1 is disabled
ON	<input type="checkbox"/>	2	Zone 2 is enabled	Zone 2 is disabled
ON	<input type="checkbox"/>	3	Zone 3 is enabled	Zone 3 is disabled
ON	<input type="checkbox"/>	4	Zone 4 is enabled	Zone 4 is disabled
ON	<input type="checkbox"/>	5	Zone 5 is enabled	Zone 5 is disabled
ON	<input type="checkbox"/>	6	Zone 6 is enabled	Zone 6 is disabled
ON	<input type="checkbox"/>	7	Zone 7 is enabled	Zone 7 is disabled
ON	<input type="checkbox"/>	8	Zone 8 is enabled	Zone 8 is disabled

[203] Zone Assignments (9-16) (Section 5.9 "Zone Assignment")

Default		Option	ON	OFF
OFF	<input type="checkbox"/>	1	Zone 9 is enabled	Zone 9 is disabled
OFF	<input type="checkbox"/>	2	Zone 10 is enabled	Zone 10 is disabled
OFF	<input type="checkbox"/>	3	Zone 11 is enabled	Zone 11 is disabled
OFF	<input type="checkbox"/>	4	Zone 12 is enabled	Zone 12 is disabled
OFF	<input type="checkbox"/>	5	Zone 13 is enabled	Zone 13 is disabled
OFF	<input type="checkbox"/>	6	Zone 14 is enabled	Zone 14 is disabled
OFF	<input type="checkbox"/>	7	Zone 15 is enabled	Zone 15 is disabled
OFF	<input type="checkbox"/>	8	Zone 16 is enabled	Zone 16 is disabled

[204] Zone Assignments (17-24) (Section 5.9 "Zone Assignment")

Default		Option	ON	OFF
OFF	<input type="checkbox"/>	1	Zone 17 is enabled	Zone 17 is disabled
OFF	<input type="checkbox"/>	2	Zone 18 is enabled	Zone 18 is disabled
OFF	<input type="checkbox"/>	3	Zone 19 is enabled	Zone 19 is disabled
OFF	<input type="checkbox"/>	4	Zone 20 is enabled	Zone 20 is disabled
OFF	<input type="checkbox"/>	5	Zone 21 is enabled	Zone 21 is disabled
OFF	<input type="checkbox"/>	6	Zone 22 is enabled	Zone 22 is disabled
OFF	<input type="checkbox"/>	7	Zone 23 is enabled	Zone 23 is disabled
OFF	<input type="checkbox"/>	8	Zone 24 is enabled	Zone 24 is disabled

[205] Zone Assignments (25-32) (Section 5.9 - Zone Assignment)

Default		Option	ON	OFF
OFF	<input type="checkbox"/>	1	Zone 25 is enabled	Zone 25 is disabled
OFF	<input type="checkbox"/>	2	Zone 26 is enabled	Zone 26 is disabled
OFF	<input type="checkbox"/>	3	Zone 27 is enabled	Zone 27 is disabled
OFF	<input type="checkbox"/>	4	Zone 28 is enabled	Zone 28 is disabled
OFF	<input type="checkbox"/>	5	Zone 29 is enabled	Zone 29 is disabled
OFF	<input type="checkbox"/>	6	Zone 30 is enabled	Zone 30 is disabled
OFF	<input type="checkbox"/>	7	Zone 31 is enabled	Zone 31 is disabled
OFF	<input type="checkbox"/>	8	Zone 32 is enabled	Zone 32 is disabled

Communicator Programming

Note: For sections [301] to [352], the contents of every section by default is [F].

[301] First Telephone Number (32 Digits) (Section 5.4 "Communicator – Phone Numbers")

[302] Second Telephone Number (32 Digits) (Section 5.4 "Communicator – Phone Numbers")

[303] Third Telephone Number (32 Digits) (Section 5.4 "Communicator – Phone Numbers")

[310] System Identifier Code (Section 5.3 "Communicator – Account Numbers")

[320] Alarm Reporting Codes, Zones 1-8 (Section 5.7 "Communicator – Reporting Codes")

_____	Zone 1	_____	Zone 5
_____	Zone 2	_____	Zone 6
_____	Zone 3	_____	Zone 7
_____	Zone 4	_____	Zone 8

[321] Alarm Reporting Codes, Zones 9-16 (Section 5.7 "Communicator – Reporting Codes")

_____	Zone 9	_____	Zone 13
_____	Zone 10	_____	Zone 14
_____	Zone 11	_____	Zone 15
_____	Zone 12	_____	Zone 16

[322] Alarm Reporting Codes, Zones 17-24 (Section 5.7 "Communicator – Reporting Codes")

_____	Zone 17	_____	Zone 21
_____	Zone 18	_____	Zone 22
_____	Zone 19	_____	Zone 23
_____	Zone 20	_____	Zone 24

[323] Alarm Reporting Codes, Zones 25-32 (Section 5.7 "Communicator – Reporting Codes")

_____	Zone 25	_____	Zone 29
_____	Zone 26	_____	Zone 30
_____	Zone 27	_____	Zone 31
_____	Zone 28	_____	Zone 32

[324] Alarm Restoral Reporting Codes, Zones 1-8 (Section 5.7 "Communicator – Reporting Codes")

<u>0</u> <u>0</u>	Zone 1	<u>0</u> <u>0</u>	Zone 5
<u>0</u> <u>0</u>	Zone 2	<u>0</u> <u>0</u>	Zone 6
<u>0</u> <u>0</u>	Zone 3	<u>0</u> <u>0</u>	Zone 7
<u>0</u> <u>0</u>	Zone 4	<u>0</u> <u>0</u>	Zone 8

[325] Alarm Restoral Reporting Codes, Zones 9-16 (Section 5.7 "Communicator – Reporting Codes")

<u>0</u> <u>0</u>	Zone 9	<u>0</u> <u>0</u>	Zone 13
<u>0</u> <u>0</u>	Zone 10	<u>0</u> <u>0</u>	Zone 14
<u>0</u> <u>0</u>	Zone 11	<u>0</u> <u>0</u>	Zone 15
<u>0</u> <u>0</u>	Zone 12	<u>0</u> <u>0</u>	Zone 16

[326] Alarm Restoral Reporting Codes, Zones 17-24 (Section 5.7 "Communicator – Reporting Codes")

<u>0</u> <u>0</u>	Zone 17	<u>0</u> <u>0</u>	Zone 21
<u>0</u> <u>0</u>	Zone 18	<u>0</u> <u>0</u>	Zone 22
<u>0</u> <u>0</u>	Zone 19	<u>0</u> <u>0</u>	Zone 23
<u>0</u> <u>0</u>	Zone 20	<u>0</u> <u>0</u>	Zone 24

[327] Alarm Restoral Reporting Codes, Zones 25-32 (Section 5.7 "Communicator – Reporting Codes")

<u>0</u> <u>0</u>	Zone 25	<u>0</u> <u>0</u>	Zone 29
<u>0</u> <u>0</u>	Zone 26	<u>0</u> <u>0</u>	Zone 30
<u>0</u> <u>0</u>	Zone 27	<u>0</u> <u>0</u>	Zone 31
<u>0</u> <u>0</u>	Zone 28	<u>0</u> <u>0</u>	Zone 32

[328] Miscellaneous Alarm Reporting Codes (Section 5.7 "Communicator – Reporting Codes")

<u> </u> <u> </u>	Duress Alarm	<u> </u> <u> </u>	Zone Expander Supervisory Alarm
<u> </u> <u> </u>	Opening After Alarm	<u> </u> <u> </u>	Zone Expander Supervisory Restoral
<u> </u> <u> </u>	Recent Closing		

[329] Priority Alarm and Restoral (Section 5.7 "Communicator – Reporting Codes")

<u>0</u> <u>0</u>	Keypad Fire Alarm	<u>0</u> <u>0</u>	Keypad Fire Restoral
<u>0</u> <u>0</u>	Keypad Auxiliary Alarm	<u>0</u> <u>0</u>	Keypad Auxiliary Restoral
<u>0</u> <u>0</u>	Keypad Panic Alarm	<u>0</u> <u>0</u>	Keypad Panic Restoral
<u>0</u> <u>0</u>	2 Wire Smoke Alarm	<u>0</u> <u>0</u>	2 Wire Smoke Restoral

[330] Tamper Reporting Codes, Zones 1-8 (Section 5.7 "Communicator – Reporting Codes")

<u>0</u> <u>0</u>	Zone 1	<u>0</u> <u>0</u>	Zone 5
<u>0</u> <u>0</u>	Zone 2	<u>0</u> <u>0</u>	Zone 6
<u>0</u> <u>0</u>	Zone 3	<u>0</u> <u>0</u>	Zone 7
<u>0</u> <u>0</u>	Zone 4	<u>0</u> <u>0</u>	Zone 8

[331] Tamper Reporting Codes, Zones 9-16 (Section 5.7 "Communicator – Reporting Codes")

<u>0</u> <u>0</u>	Zone 9	<u>0</u> <u>0</u>	Zone 13
<u>0</u> <u>0</u>	Zone 10	<u>0</u> <u>0</u>	Zone 14
<u>0</u> <u>0</u>	Zone 11	<u>0</u> <u>0</u>	Zone 15
<u>0</u> <u>0</u>	Zone 12	<u>0</u> <u>0</u>	Zone 16

[332] Tamper Reporting Codes, Zones 17-24 (Section 5.7 "Communicator – Reporting Codes")

<u>0</u> <u>0</u>	Zone 17	<u>0</u> <u>0</u>	Zone 21
<u>0</u> <u>0</u>	Zone 18	<u>0</u> <u>0</u>	Zone 22
<u>0</u> <u>0</u>	Zone 19	<u>0</u> <u>0</u>	Zone 23
<u>0</u> <u>0</u>	Zone 20	<u>0</u> <u>0</u>	Zone 24

[333] Tamper Reporting Codes, Zones 25-32 (Section 5.7 "Communicator – Reporting Codes")

<u>0</u> <u>0</u>	Zone 25	<u>0</u> <u>0</u>	Zone 29
<u>0</u> <u>0</u>	Zone 26	<u>0</u> <u>0</u>	Zone 30
<u>0</u> <u>0</u>	Zone 27	<u>0</u> <u>0</u>	Zone 31
<u>0</u> <u>0</u>	Zone 28	<u>0</u> <u>0</u>	Zone 32

[334] Tamper Restoral Reporting Codes, Zones 1-8 (Section 5.7 "Communicator – Reporting Codes")

<u>0</u> <u>0</u>	Zone 1	<u>0</u> <u>0</u>	Zone 5
<u>0</u> <u>0</u>	Zone 2	<u>0</u> <u>0</u>	Zone 6
<u>0</u> <u>0</u>	Zone 3	<u>0</u> <u>0</u>	Zone 7
<u>0</u> <u>0</u>	Zone 4	<u>0</u> <u>0</u>	Zone 8

[335] Tamper Restoral Reporting Codes, Zones 9-16 (Section 5.7 "Communicator – Reporting Codes")

<u>0</u> <u>0</u>	Zone 9	<u>0</u> <u>0</u>	Zone 13
<u>0</u> <u>0</u>	Zone 10	<u>0</u> <u>0</u>	Zone 14
<u>0</u> <u>0</u>	Zone 11	<u>0</u> <u>0</u>	Zone 15
<u>0</u> <u>0</u>	Zone 12	<u>0</u> <u>0</u>	Zone 16

[336] Tamper Restoral Reporting Codes, Zones 17-24 (Section 5.7 "Communicator – Reporting Codes")

<u>0</u> <u>0</u>	Zone 17	<u>0</u> <u>0</u>	Zone 21
<u>0</u> <u>0</u>	Zone 18	<u>0</u> <u>0</u>	Zone 22
<u>0</u> <u>0</u>	Zone 19	<u>0</u> <u>0</u>	Zone 23
<u>0</u> <u>0</u>	Zone 20	<u>0</u> <u>0</u>	Zone 24

[337] Tamper Restoral Reporting Codes, Zones 25-32 (Section 5.7 "Communicator – Reporting Codes")

<u>0</u> <u>0</u>	Zone 25	<u>0</u> <u>0</u>	Zone 29
<u>0</u> <u>0</u>	Zone 26	<u>0</u> <u>0</u>	Zone 30
<u>0</u> <u>0</u>	Zone 27	<u>0</u> <u>0</u>	Zone 31
<u>0</u> <u>0</u>	Zone 28	<u>0</u> <u>0</u>	Zone 32

[338] Miscellaneous Tamper Reporting Codes (Section 5.7 "Communicator – Reporting Codes")

<u>0</u> <u>0</u>	General System Tamper
<u>0</u> <u>0</u>	General System Tamper Rest.
<u>0</u> <u>0</u>	Keypad Lockout

[339] Closing (Arming) Reporting Codes, Access Codes 1-8 (Section 5.7 "Communicator – Reporting Codes")

<u>0</u> <u>0</u>	Code 1	<u>0</u> <u>0</u>	Code 5
<u>0</u> <u>0</u>	Code 2	<u>0</u> <u>0</u>	Code 6
<u>0</u> <u>0</u>	Code 3	<u>0</u> <u>0</u>	Code 7
<u>0</u> <u>0</u>	Code 4	<u>0</u> <u>0</u>	Code 8

[340] Closing (Arming) Reporting Codes, Access Codes 9-16 (Section 5.7 "Communicator – Reporting Codes")

<u>0</u> <u>0</u>	Code 9	<u>0</u> <u>0</u>	Code 13
<u>0</u> <u>0</u>	Code 10	<u>0</u> <u>0</u>	Code 14
<u>0</u> <u>0</u>	Code 11	<u>0</u> <u>0</u>	Code 15
<u>0</u> <u>0</u>	Code 12	<u>0</u> <u>0</u>	Code 16

[341] Closing (Arming) Reporting Codes, Access Codes 17-24 (Section 5.7 "Communicator – Reporting Codes")

<u>0</u> <u>0</u>	Code 17	<u>0</u> <u>0</u>	Code 21
<u>0</u> <u>0</u>	Code 18	<u>0</u> <u>0</u>	Code 22
<u>0</u> <u>0</u>	Code 19	<u>0</u> <u>0</u>	Code 23
<u>0</u> <u>0</u>	Code 20	<u>0</u> <u>0</u>	Code 24

[342] Closing (Arming) Reporting Codes, Access Codes 25-32 (Section 5.7 "Communicator – Reporting Codes")

<u>0</u> <u>0</u>	Code 25	<u>0</u> <u>0</u>	Code 29
<u>0</u> <u>0</u>	Code 26	<u>0</u> <u>0</u>	Code 30
<u>0</u> <u>0</u>	Code 27	<u>0</u> <u>0</u>	Code 31
<u>0</u> <u>0</u>	Code 28	<u>0</u> <u>0</u>	Code 32

[343] Miscellaneous Closing (Arming) Reporting Codes (Section 5.7 "Communicator – Reporting Codes")

<u> </u> <u> </u>	Closing by Duress Code 33	<u>0</u> <u>0</u>	Closing by System Code 42
<u> </u> <u> </u>	Closing by Duress Code 34	<u>0</u> <u>0</u>	Partial Closing
<u>0</u> <u>0</u>	Closing by System Code 40	<u>0</u> <u>0</u>	Special Closing
<u>0</u> <u>0</u>	Closing by System Code 41		

[344] Opening (Disarming) Reporting Codes, Access Codes 1-8

(Section 5.7 "Communicator – Reporting Codes")

<u>0</u> <u>0</u>	Code 1	<u>0</u> <u>0</u>	Code 5
<u>0</u> <u>0</u>	Code 2	<u>0</u> <u>0</u>	Code 6
<u>0</u> <u>0</u>	Code 3	<u>0</u> <u>0</u>	Code 7
<u>0</u> <u>0</u>	Code 4	<u>0</u> <u>0</u>	Code 8

[345] Opening (Disarming) Reporting Codes, Access Codes 9-16

(Section 5.7 "Communicator – Reporting Codes")

<u>0</u> <u>0</u>	Code 9	<u>0</u> <u>0</u>	Code 13
<u>0</u> <u>0</u>	Code 10	<u>0</u> <u>0</u>	Code 14
<u>0</u> <u>0</u>	Code 11	<u>0</u> <u>0</u>	Code 15
<u>0</u> <u>0</u>	Code 12	<u>0</u> <u>0</u>	Code 16

[346] Opening (Disarming) Reporting Codes, Access Codes 17-24

(Section 5.7 "Communicator – Reporting Codes")

<u>0</u> <u>0</u>	Code 17	<u>0</u> <u>0</u>	Code 21
<u>0</u> <u>0</u>	Code 18	<u>0</u> <u>0</u>	Code 22
<u>0</u> <u>0</u>	Code 19	<u>0</u> <u>0</u>	Code 23
<u>0</u> <u>0</u>	Code 20	<u>0</u> <u>0</u>	Code 24

[347] Opening (Disarming) Reporting Codes, Access Codes 25-32

(Section 5.7 "Communicator – Reporting Codes")

<u>0</u> <u>0</u>	Code 25	<u>0</u> <u>0</u>	Code 29
<u>0</u> <u>0</u>	Code 26	<u>0</u> <u>0</u>	Code 30
<u>0</u> <u>0</u>	Code 27	<u>0</u> <u>0</u>	Code 31
<u>0</u> <u>0</u>	Code 28	<u>0</u> <u>0</u>	Code 32

[348] Miscellaneous Opening (Disarming) Reporting Codes (Section 5.7 "Communicator – Reporting Codes")

<input type="text"/>	Opening by Duress Code 33	<input type="text"/>	<input type="text"/>	Opening by System Code 42
<input type="text"/>	Opening by Duress Code 34	<input type="text"/>	<input type="text"/>	Auto Arm Cancellation
<input type="text"/>	Opening by System Code 40	<input type="text"/>	<input type="text"/>	Special Opening
<input type="text"/>	Opening by System Code 41			

[349] Maintenance Alarm Reporting Codes (Section 5.7 "Communicator – Reporting Codes")

<input type="text"/>	Battery Trouble Alarm
<input type="text"/>	AC Failure Trouble Alarm
<input type="text"/>	Bell Circuit Trouble Alarm
<input type="text"/>	Fire Trouble Alarm
<input type="text"/>	Auxiliary Power Supply Trouble Alarm
<input type="text"/>	TLM Trouble Code (via LINKS)
<input type="text"/>	General System Trouble
<input type="text"/>	General System Supervisory

[350] Maintenance Restoral Reporting Codes (Section 5.7 "Communicator – Reporting Codes")

<input type="text"/>	Battery Trouble Restoral
<input type="text"/>	AC Failure Trouble Restoral
<input type="text"/>	Bell Circuit Trouble Restoral
<input type="text"/>	Fire Trouble Restoral
<input type="text"/>	Auxiliary Power Supply Trouble Restoral
<input type="text"/>	TLM Restoral
<input type="text"/>	General System Trouble Restore
<input type="text"/>	General System Supervisory Restore

[351] Miscellaneous Maintenance Reporting Codes (Section 5.7 "Communicator – Reporting Codes")

<input type="text"/>	Phone Number 1 Failure to Communicate
<input type="text"/>	Phone Number 2 Failure to Communicate
<input type="text"/>	Event Buffer is 75% Full Since Last Upload
<input type="text"/>	DLS Lead IN
<input type="text"/>	DLS Lead OUT
<input type="text"/>	General Zone Trouble Alarm
<input type="text"/>	General Zone Trouble Restore

[352] Test Transmission Reporting Codes (Section 5.7 "Communicator – Reporting Codes")

<input type="text"/>	Periodic Test Transmission
<input type="text"/>	System Test
<input type="text"/>	LINKS 1000 Test Transmission Code

[353] Wireless Maintenance Reporting Codes (Section 5.7 "Communicator – Reporting Codes")

<input type="text"/>	General Zone Low Battery Alarm
<input type="text"/>	General Zone Low Battery Restore

[360] Communicator Format Options (Section 5.6 "Communicator – Reporting Formats")

Default		
02	<input type="text"/>	1st Phone Number
02	<input type="text"/>	2nd Phone Number
04 SIA FSK		05 Pager

[361] System Alarms and Restorals (Section 5.3 "Communicator – Dialing")

Default		Option	ON	OFF
ON	<input type="checkbox"/>	1	1st Telephone Number	Disabled
OFF	<input type="checkbox"/>	2	2nd Telephone Number	Disabled
OFF	<input type="checkbox"/>	3	1st Telephone Number (via LINKS)	Disabled
OFF	<input type="checkbox"/>	4	2nd Telephone Number (via LINKS)	Disabled
OFF	<input type="checkbox"/>	5-8	For Future Use	

[363] System Tamper and Restorals (Section 5.3 "Communicator – Dialing")

Default		Option	ON	OFF
ON	<input checked="" type="checkbox"/>	1	1st Telephone Number	Disabled
OFF	<input type="checkbox"/>	2	2nd Telephone Number	Disabled
OFF	<input type="checkbox"/>	3	1st Telephone Number (via LINKS)	Disabled
OFF	<input type="checkbox"/>	4	2nd Telephone Number (via LINKS)	Disabled
OFF	<input type="checkbox"/>	5-8	For Future Use	

[365] System Openings and Closings (Section 5.3 "Communicator – Dialing")

Default		Option	ON	OFF
ON	<input type="checkbox"/>	1	1st Telephone Number	Disabled
OFF	<input type="checkbox"/>	2	2nd Telephone Number	Disabled
OFF	<input type="checkbox"/>	3	1st Telephone Number (via LINKS)	Disabled
OFF	<input type="checkbox"/>	4	2nd Telephone Number (via LINKS)	Disabled
OFF	<input type="checkbox"/>	5-8	For Future Use	

[367] System Maintenance Alarms and Restores (Section 5.3 "Communicator – Dialing")

Default		Option	ON	OFF
ON	<input type="checkbox"/>	1	1st Telephone Number	Disabled
OFF	<input type="checkbox"/>	2	2nd Telephone Number	Disabled
OFF	<input type="checkbox"/>	3	1st Telephone Number (via LINKS)	Disabled
OFF	<input type="checkbox"/>	4	2nd Telephone Number (via LINKS)	Disabled
OFF	<input type="checkbox"/>	5-8	For Future Use	

[368] System Test Transmissions ♦ (Section 5.3 "Communicator – Dialing")

Default		Option	ON	OFF
ON	<input type="checkbox"/>	1	1st Telephone Number	Disabled
OFF	<input type="checkbox"/>	2	2nd Telephone Number	Disabled
OFF	<input type="checkbox"/>	3	1st Telephone Number (via LINKS)	Disabled
OFF	<input type="checkbox"/>	4	2nd Telephone Number (via LINKS)	Disabled
OFF	<input type="checkbox"/>	5-8	For Future Use	

♦ Required for Grades B and C central station.

[370] Communication Variables

Default				Section
003	<input type="checkbox"/>	◆ Swinger Shutdown (Alarms and Rest)	(001-014 Transmissions, 000=disabled)	5.17
003	<input type="checkbox"/>	◆ Swinger Shutdown (Tamper and Rest)	(001-014 Transmissions, 000=disabled)	5.17
003	<input type="checkbox"/>	Swinger Shutdown (Maint and Rest)	(001-014 Transmissions, 000=disabled)	5.17
000	<input type="checkbox"/>	Communication Delay	(001-255 seconds) +	5.18
030	<input type="checkbox"/>	AC Failure Communication Delay	(001-255 minutes)	3.4
003	<input type="checkbox"/>	TLM Trouble Delay	(No. of valid checks required - 000-255 x 10s)	5.11
030	<input type="checkbox"/>	Test Transmission Cycle	(001-255 days) +	5.13
007	<input type="checkbox"/>	Zone Low Battery Transmission Delay	(000-255 days)	5.27

- ◆ Shall not be used on UL listed systems.
- + Must be set to 001 for UL listed systems.

[371] Test Transmission Time of Day (Section 5.13 "Test Transmission")

Default
 9999 (Valid entries are 0000-2359, 9999 to disable)

[380] First Communicator Option Code

Default	Option	ON	OFF	Section
ON	<input type="checkbox"/>	1 ◆ Communications Enabled	Communications Disabled	5.3
OFF	<input checked="" type="checkbox"/>	2 Restorals on Bell Time-out	Restorals Follow Zones	5.7
OFF	<input type="checkbox"/>	3 Pulse Dialing	DTMF Dialing	5.3
ON	<input type="checkbox"/>	4 Switch to Pulse Dialing on 5th Attempt	DTMF Dial For All Attempts	5.3
OFF	<input type="checkbox"/>	5 3rd Phone Number enabled	3rd Phone Number disabled	5.4
OFF	<input type="checkbox"/>	6 Alternate Dial (1st and 3rd)	Call 1st Number, Backup to 3rd	5.4
OFF	<input type="checkbox"/>	7 Call LINKS as well as Land Line	LINKS is Backup of Land Line(s)	5.26
OFF	<input type="checkbox"/>	8 For Future Use		

- ◆ Required for commercial burglary applications.

[381] Second Communicator Option Code

Default	Option	ON	OFF	Section
OFF	<input type="checkbox"/>	1 Open After Alarm Kypd Ringback enabled	Open After Alarm Kypd Ringback disabled	5.20
OFF	<input type="checkbox"/>	2 Open After Alarm Bell Ringback enabled	Open After Alarm Bell Ringback disabled	5.20
OFF	<input type="checkbox"/>	3 SIA Sends Programmed Rep. Codes	SIA Sends Automatic Rep. Codes	5.6
OFF	<input type="checkbox"/>	4 Closing Confirmation Enabled	Closing Confirmation Disabled	5.20
OFF	<input type="checkbox"/>	5-8 For Future Use		

[390] LINKS Preamble (First Telephone Number) (Section 5.26 "LINKS 1000 Cellular Communicator")

Default
 FFFF (Program all unused digits with Hex F)

[391] LINKS Preamble (Second Telephone Number) (Section 5.26 "LINKS 1000 Cellular Communicator")

Default
 FFFF (Program all unused digits with Hex F)

[392] LINKS Preamble (Third Telephone Number) (Section 5.26 "LINKS 1000 Cellular Communicator")

Default
 FFFF (Program all unused digits with Hex F)

Downloading Programming

[401] First Downloading Option Code (Section 5.8 "Downloading")

Default		Option	ON	OFF
OFF	<input checked="" type="checkbox"/>	1	Downloading Answer enabled	Downloading Answer disabled
OFF	<input type="checkbox"/>	2	User Can Enable DLS Window	User Can Not Enable DLS Window
ON	<input type="checkbox"/>	3	Call-Back Enabled	Call-Back Disabled
OFF	<input type="checkbox"/>	4-8	For Future Use	

[402] Downloading Computer's Telephone Number (32 Digits) (Section 5.8 "Downloading")

[403] Downloading Access Code (Section 5.8 "Downloading")

Default

5010 _____

[404] Panel Identification Code (Section 5.8 "Downloading")

Default

5010 _____

[405] Answering Machine Double-call Timer (Section 5.8 "Downloading")

Default

060 _____ (Valid entries are 001-255)

[490] LINKS Preamble (Downloading Telephone Number) (Section 5.8 "Downloading")

Default

FFFF _____ (Program all unused digits with Hex F)

Note: The downloading feature has not been investigated by UL.

Module Programming

[801] RS232 Module (WSS5400) Programming ♦ (Section 5.29 "On-Site Printer")

[01] Printer Configuration

Default		Option	ON	OFF
OFF	<input type="checkbox"/>	1	Printer Enabled	Printer Disabled
ON	<input type="checkbox"/>	2	Handshake from Printer (DTR)	No Handshake
OFF	<input type="checkbox"/>	3	80 Column Printer	40 Column Printer
OFF	<input type="checkbox"/>	4	300 Baud enabled	300 Baud disabled
OFF	<input type="checkbox"/>	5	1200 Baud enabled	1200 Baud disabled
ON	<input type="checkbox"/>	6	2400 Baud enabled	2400 Baud disabled
OFF	<input type="checkbox"/>	7	4800 Baud enabled	4800 Baud disabled
OFF	<input type="checkbox"/>	8	For Future Use	

♦ Shall not be used on UL listed systems.

[802] - [803] For Future Use

[804] WSS5132-900 Wireless Expansion Programming ♦ (Section 5.27 "Wireless Expansion")

[01] Zone 1 Serial Number

Default

00000

5 digit Decimal entry is required

1st digit represents Transmitter Type (0,1,5-9 are not valid)

2 = UTX 3 = PIR 4 = SMOKE

Next 4 digits represent the serial number (Valid entries are 0001 to 4094)

[02] Zone 2	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	[18] Zone 18	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
[03] Zone 3	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	[19] Zone 19	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
[04] Zone 4	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	[20] Zone 21	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
[05] Zone 5	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	[21] Zone 21	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
[06] Zone 6	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	[22] Zone 22	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
[07] Zone 7	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	[23] Zone 23	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
[08] Zone 8	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	[24] Zone 24	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
[09] Zone 9	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	[25] Zone 25	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
[10] Zone 10	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	[26] Zone 26	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
[11] Zone 11	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	[27] Zone 27	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
[12] Zone 12	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	[28] Zone 28	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
[13] Zone 13	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	[29] Zone 29	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
[14] Zone 14	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	[30] Zone 30	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
[15] Zone 15	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	[31] Zone 31	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
[16] Zone 16	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	[32] Zone 32	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
[17] Zone 17	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>		

[80] Wireless Supervisory Window

Default

03 RF Transmitter Supervisory Window (hours), Valid entries are 01-12

♦ Shall not be used on UL listed systems.

Special Installer Functions

[901] Installer Walk Test Mode Enable / Disable (Section 5.33 "Walk Test (Installer)")

[902] Module Supervision Reset (Section 2.7 "Enable Supervision")

[903] Module Supervision Field (Section 2.7 "Enable Supervision")

[904] Wireless Module Placement Test (Section 5.27 "Wireless Expansion")

- Select the module / transmitter (Zones 01-32).
- Press [#] to Cancel.

Placement	Led Keypad	LCD Keypad	Bell / Buzzer
Good	Light 1 ON Steady	GOOD	1 Beep / Squawk
Fair	Light 2 ON Steady	FAIR	2 Beeps / Squawks
Bad	Light 3 ON Steady	BAD	3 Beeps / Squawks

[990] Installer Lockout Enable (Section 5.32 "Installer Lockout")

Enter [990] [INSTALLER'S CODE] [990]

[991] Installer Lockout Disable (Section 5.32 "Installer Lockout")

Enter [991] [INSTALLER'S CODE] [991]

[995] Restore WSS5580 Factory Default Programming (Section 5.31 "Default (Factory)")

Enter [995] [INSTALLER'S CODE] [995]

[996] Restore WSS5132-900 Factory Default Programming (Section 5.31 "Default (Factory)")

Enter [996] [INSTALLER'S CODE] [996]

[997] Restore WSS5400 Factory Default Programming (Section 5.31 "Default (Factory)")

Enter [997] [INSTALLER'S CODE] [997]

[998] Restore WSS5908 Factory Default Programming (Section 5.31 "Default (Factory)")

Enter [998] [INSTALLER'S CODE] [998]

[999] Restore Factory Default Programming (Section 5.31 "Default (Factory)")

Enter [999] [INSTALLER'S CODE] [999]

Programming LCD Keypads

- From an LCD Keypad, enter [*][8][Installer's Code]
- The Keypad will display "Enter Section _ _ _"
- Now Press the [*] Key. The LCD will display "Enter LCD Section _ _"
- Now enter a section as described below for programming the keypad

WSS5500 Keypad Programming Sections

[01] to [32] Zone Labels (14 Characters)

Default

Default

[33] Fire Alarm Label (14 Characters)

Default

[40] "Utility Output" Label (14 Characters)

Default

[44] "Sensor Reset" Label (14 Characters)

Default

[51] Fail to Arm Event Message

Default

[52] Alarm When Armed Event Message

Default

[60] First User Display Mask

Default	Option	ON	OFF
ON	<input type="checkbox"/>	1	Hold Panic Keys prompt ON
ON	<input type="checkbox"/>	2	Zone Bypassing prompt ON
ON	<input type="checkbox"/>	3	Troubles prompt ON
ON	<input type="checkbox"/>	4	Alarm Memory prompt ON
ON	<input type="checkbox"/>	5	Door Chime Control.prompt ON
ON	<input type="checkbox"/>	6	Access Codes prompt ON
ON	<input type="checkbox"/>	7	User Functions prompt ON
ON	<input type="checkbox"/>	8	Output Control prompt ON
			Hold Panic Keys prompt OFF
			Zone Bypass prompt OFF
			Troubles prompt OFF
			Alarm Memory prompt OFF
			Door Chime Control prompt OFF
			Access Codes prompt OFF
			User Functions prompt OFF
			Output Control prompt OFF

[61] Second User Display Mask

Default		Option	ON	OFF
OFF	<input type="checkbox"/>	1	Installer Programming prompt ON	Installer Programming prompt OFF
ON	<input type="checkbox"/>	2	Stay Arm prompt ON	Stay Arm prompt OFF
ON	<input type="checkbox"/>	3	For Future Use	
ON	<input type="checkbox"/>	4	Interior Arm prompt ON	Interior Arm prompt OFF
OFF	<input type="checkbox"/>	5	Quick Exit prompt ON	Quick Exit prompt OFF
ON	<input type="checkbox"/>	6	View Event Buffer prompt ON	View Event Buffer prompt OFF
OFF	<input type="checkbox"/>	7	For Future Use	
OFF	<input type="checkbox"/>	8	For Future Use	

[62] Third User Display Mask

Default		Option	ON	OFF
ON	<input type="checkbox"/>	1	System Test prompt ON	System Test prompt OFF
ON	<input type="checkbox"/>	2	Time and Date prompt ON	Time and Date prompt OFF
ON	<input type="checkbox"/>	3	For Future Use	
ON	<input type="checkbox"/>	4	For Future Use	
ON	<input type="checkbox"/>	5	Download Enable prompt ON	Download Enable prompt OFF
ON	<input type="checkbox"/>	6	Bright Control prompt ON	Bright Control prompt OFF
ON	<input type="checkbox"/>	7	Contrast Control prompt ON	Contrast Control prompt OFF
ON	<input type="checkbox"/>	8	Buzzer Control prompt ON	Buzzer Control prompt OFF

[63] Downloaded LCD Message Duration

Default
003 (Valid entries are 000-255, 000=Unlimited Message Display)
(This number represents the number of times the Downloaded message is cleared by pressing any key while the message is up after timeout)

[64] Key Options

Default		Option	ON	OFF
ON	<input type="checkbox"/>	1	Fire Keys enabled	Fire Keys disabled
ON	<input type="checkbox"/>	2	Auxiliary Keys enabled	Auxiliary Keys disabled
ON	<input type="checkbox"/>	3	Panic Keys enabled	Panic Keys disabled
OFF	<input type="checkbox"/>	4-8	For Future Use	

[66] Keypad Options

Default		Option	ON	OFF
ON	<input type="checkbox"/>	1	Display Access Code when Programming	Display 'X' when Programming
ON	<input type="checkbox"/>	2	Local Clock Display Enabled	Local Clock Display Disabled
OFF	<input type="checkbox"/>	3-8	For Future Use	

[98] Initiate Global Label Broadcast**[99] Reset LCD EEPROM to Factory Defaults**



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