

# PROGRAMMING WORKSHEET

## PC2500/PC2530



ALERT CENTRE, INC.

• Revised 12/29/93 • PC2500 / PC2530 >STANDARD 3 X 1 REPORTING<

### [01] 1st Phone Number

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Enter [0] for the digit 0 in the phone number.  
 Enter [\*4\*] (HEX D) for additional dial tone detection between numbered digits, as in local PBX systems.  
 Enter [#] to end the phone number entry.

### [02] 1st Customer Account Code

--	--	--	--

Enter [\*1\*] (HEX A) for the digit "0" in the account code.  
 For a 3-digit code, enter [0] for the last digit.

### [03] 2nd Phone Number

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

NOT REQUIRED WHEN USING A SINGLE SYSTEM

### [04] 2nd Account Code

--	--	--	--

### [05] Zones 1 to 8 Alarm Reporting Codes

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

For single digit report codes, enter [0] as the second digit.  
 Enter [\*1\*] (HEX A) to transmit a "0" (zero = 10 pulses)

#### FACTORY DEFAULT

1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0

*Handwritten notes:*  
 59487  
 59807  
 807

*Large handwritten scribble at the bottom of the page.*

**[06] Zones 1 to 8 Restoral Reporting Codes**

Zone 1 Alarm	9	1
Zone 2 Alarm	9	2
Zone 3 Alarm	9	3
Zone 4 Alarm	9	4
Zone 5 Alarm	9	5
Zone 6 Alarm	9	6
Zone 7 Alarm	9	7
Zone 8 Alarm	9	8

**[07] Utility Alarm Reporting Codes**

FIRE ZONE*	1	6		9	0	FACTORY DEFAULT
AUXILIARY INPUT ZONE*	0	0	25 if Panic			
BATTERY TROUBLE**	F	1	*6*1	F	A	
AC FAILURE TROUBLE**	F	A	*61*	F	A	
FOIL ZONE(S) TROUBLE**	0	0				
BELL CIRCUIT TROUBLE**	0	0				
FIRE ZONE TROUBLE**	F	9	*6*9	F	9	* Priority alarms/restoral ** Maintenance alarms/restoral see section [27]
AUX POWER SUPPLY TROUBLE**	0	0				

**[08] Utility Restoral Reporting Codes**

FIRE ZONE*	E	6	*5*6	E	9	FACTORY DEFAULT
AUXILIARY INPUT ZONE*	0	0				
BATTERY TROUBLE**	E	1	*5*1	E	A	
AC FAILURE TROUBLE**	E	A	*51*	E	A	
FOIL ZONE(S) TROUBLE**	0	0				
BELL CIRCUIT TROUBLE**	0	0				
FIRE ZONE TROUBLE**	E	9	*5*9	E	9	* Priority alarm/restoral ** Maintenance alarm/restoral see section [27]
AUX POWER SUPPLY TROUBLE**	0	0				

### [09] Closing (Arming) Reporting Codes For Access Codes 1 to 8

Access Code 1	C 1	*3*1
Access Code 2	C 2	*3*2
Access Code 3	C 3	*3*3
Access Code 4	C 4	*3*4
Access Code 5	C 5	*3*5
Access Code 6	C 6	*3*6
Access Code 7	C 7	*3*7
Access Code 8	0 0	

### [10] Opening (Disarming) Reporting Codes For Access Codes 1 to 8

Access Code 1	B 1	*2*1		FACTORY DEFAULT
Access Code 2	B 2	*2*2		
Access Code 3	B 3	*2*3		
Access Code 4	B 4	*2*4		
Access Code 5	B 5	*2*5		
Access Code 6	B 6	*2*6		
Access Code 7	B 7	*2*7		
Access Code 8 (DURESS =26)	2 6			

### [11] Miscellaneous Function Reporting Codes

PARTIAL CLOSING***	0 0	*4*1		FACTORY DEFAULT
KEYPAD PANIC ALARM [P]*	8 0		8 0	
KEYPAD FIRE ALARM [F]*	9 0		9 0	
KEYPAD EMERGENCY ALARM [A]*	7 0		7 0	
KEYPAD PANIC RESTORAL [P]*	0 0			
KEYPAD FIRE RESTORAL [F]*	0 0			
KEYPAD EMERGENCY RESTORAL [A]*	0 0			
PERIODIC TEST TRANSMISSIONS**	0 0			

\* Priority alarms/restoral  
 \*\* Maintenance alarms/restoral  
 see section [27]  
 \*\*\* Transmission reports with section  
 [9] & [10] (opening closings)

### [12] Zone Definitions For Zones 1 to 8

Zone	1st Digit	2nd Digit
Zone 1	0 = SLOW, AUDIBLE	0 = DELAY
Zone 2	#1 = SLOW, SILENT	1 = INSTANT
Zone 3	2 = FAST, AUDIBLE	2 = INTERIOR
Zone 4	#3 = FAST, SILENT	3 = INTERIOR.. HOME/AWAY
Zone 5		4 = 24HR.. BELL
Zone 6		5 = 24HR.. BELL/BUZZER
Zone 7		#6 = 24HR.. BUZZER
Zone 8		*7 = DOUBLE DELAY
		*8 = 4X DELAY
		9 = FOIL

\*The maximum delays allowed for U.L. installations are: Entry delay = 45 sec.  
Exit delay = 60 sec.  
# Not allowed for U.L. Local Installations

#### Factory Programming (DEFAULT)

Zone 1	0	0
Zone 2	0	2
Zone 3	0	1
Zone 4	0	1
Zone 5	0	2
Zone 6	0	0
Zone 7	0	6
Zone 8	0	4

### [13] 1st System Options Code

Zone Light	Zone Light ON	Zone Light OFF	Option
Zone Light 1	Communicator Disabled	Communicator Enabled	OFF
Zone Light 2	Restore on bell timeout	Restore on disarm	ON
Zone Light 3	Display zone/panel armed	Option off	OFF
Zone Light 4	DTMF dialing	Pulse dialing	OFF
Zone Light 5	N.C. loop (fire)	EOL resistors loops	OFF
Zone Light 6	Keypad [P]anic audible [*] [#]	Silent	ON
Zone Light 7	Call 1st phone only	Backup to second number	ON
Zone Light 8	8th code - Maid's code	Normal code	OFF

*F D*  
*M*  
*G D*  
*B D.*

*1 D*  
*2 D*  
*3 I*  
*4 H/A*

*1,4 D*  
*2*

**[14] 2nd System Option Code**

	Zone Light ON	Zone Light OFF	Factory Programming (DEFAULT)
Zone Light 1	<input type="checkbox"/> 50 Hz	<input type="checkbox"/> 60 Hz	<input type="checkbox"/> OFF
Zone Light 2	<input type="checkbox"/> Fixed Master	<input type="checkbox"/> Changeable Master	<input type="checkbox"/> ON
Zone Light 3	<input type="checkbox"/> Bell squawk on	<input type="checkbox"/> Bell squawk off	<input type="checkbox"/> OFF
Zone Light 4	<input type="checkbox"/> Output modile active	<input type="checkbox"/> Off	<input type="checkbox"/> OFF
Zone Light 5	<input type="checkbox"/> TLM silent	<input type="checkbox"/> TLM audible	<input type="checkbox"/> OFF
Zone Light 6	<input checked="" type="checkbox"/> ON 1400 Hz Radionics	<input type="checkbox"/> 2300 Hz Radionics	<input type="checkbox"/> OFF
Zone Light 7	<input type="checkbox"/> TLM disable <sup>1</sup>	<input type="checkbox"/> TLM enable	<input type="checkbox"/> ON
Zone Light 8	<input type="checkbox"/> User code required for shunt	<input type="checkbox"/> User code not required	<input type="checkbox"/> OFF

NOTE: If this equipment is not connected to a telephone line the TLM 's should be disabled.

**[15] Zone 1 to 8 By-Pass (SHUNT) Mask**

Zone Light 1	<input type="checkbox"/>	Zone 1	<input type="checkbox"/> ON
Zone Light 2	<input type="checkbox"/>	Zone 2	<input type="checkbox"/> ON
Zone Light 3	<input type="checkbox"/>	Zone 3	<input type="checkbox"/> ON
Zone Light 4	<input type="checkbox"/>	Zone 4	<input type="checkbox"/> ON
Zone Light 5	<input type="checkbox"/>	Zone 5	<input type="checkbox"/> ON
Zone Light 6	<input type="checkbox"/>	Zone 6	<input type="checkbox"/> ON
Zone Light 7	<input type="checkbox"/>	Zone 7	<input type="checkbox"/> OFF
Zone Light 8	<input type="checkbox"/>	Zone 8	<input type="checkbox"/> OFF

(If zone light on, the zone can be bypassed using [\*] [1] command)

**[16] System Times**

ENTRY DELAY TIME (IN SECONDS)	<input type="text"/> <input type="text"/>	(Valid entries are 01 to 99)	<input type="text"/> 3 <input type="text"/> 0
EXIT DELAY TIME (IN SECONDS)	<input type="text"/> <input type="text"/>		<input type="text"/> 6 <input type="text"/> 0
BELL CUT-OFF TIME (IN MINUTES)	<input type="text"/> 1 <input type="text"/> 0		<input type="text"/> 0 <input type="text"/> 6
AC FAILURE TRANSMISSION DELAY (IN MINUTES)	<input type="text"/> 9 <input type="text"/> 0		<input type="text"/> 1 <input type="text"/> 5
NORMAL LOOP RESPONSE TIME (X10 MSEC)	<input type="text"/> 7 <input type="text"/> 5		<input type="text"/> 7 <input type="text"/> 5
TEST TRANSMISSION CYCLE TIME (IN DAYS)	<input type="text"/> <input type="text"/>		<input type="text"/> 0 <input type="text"/> 1

**[17] System Clock Times**

Factory  
Programming  
(DEFAULT)

AUTOMATIC ARMING TIME OF DAY

   

(ENTER 4 DIGITS ...00 TO 23 FOR HOURS  
FOLLOWED BY 00 TO 59 FOR MINUTES)

TEST TRANSMISSION TIME OF DAY

   

**[18] New Installer's Code**

**[19] New Master Code**

   

LAST 3 DIGITS OF ACCT # PLUS 0

   

**[20] For Future Use**

   
   

**[21] Communications Format Options**

1ST TELEPHONE NUMBER

\*22\*

2ND TELEPHONE NUMBER



Enter one HEX digit from [0] to [F] for each phone number from the list below:

[0]	SILENT KNIGHT / ADEMCO SLOW 10 BPS	(1400 Hz handshake)	3/1, 3/2 and 4/2 non-extended format
[1]	SESCOA, FRANKLIN, DCI, VERTEX 20 BPS	(2300 Hz handshake)	3/1, 3/2 and 4/2 non-extended format
[2]	SILENT KNIGHT FAST 20 BPS	(1400 Hz handshake)	3/1, 3/2 and 4/2 non-extended format
[3]	RADIONICS	(2300/1400 Hz handshake)	3/1, 4/2 non-extended format
[4]	RADIONICS	(2300/1400 Hz handshake)	3/1, 4/2 non-extended with parity format
[5]	FOR FUTURE USE		
[6]	FOR FUTURE USE		
[7]	FOR FUTURE USE		
[8]	SILENT KNIGHT, ADEMCO SLOW 10 BPS	(1400 Hz handshake)	3/1 extended format
[9]	SESCOA, FRANKLIN, DCI, VERTEX 20 BPS	(2300 Hz handshake)	3/1 extended format
[A]	SILENT KNIGHT FAST 20 BPS	(1400 Hz handshake)	3/1 extended format
[B]	RADIONICS	(2300/1400* Hz handshake)	3/1 extended formats
[C]	RADIONICS	(2300/1400* Hz handshake)	3/1, 4/1 extended with parity format
[D]	FOR FUTURE USE		
[E]	FOR FUTURE USE		
[F]	FOR FUTURE USE *SEE SECTION [14] FOR RADIONICS HANDSHAKE OPTIONS		



[22] Programming Input and Output Options

AUXILIARY INPUT ZONES

Enter 1, 2 or 3 for options below

- [1] Silent 24 hour input
- [2] Audible 24 hour input
- [3] Momentary key arming

Factory Programming (DEFAULT)

1, 2 or 3 are the only valid entries

PROGRAMMABLE OUTPUT

Enter 1 to HEX B for options below

- [1] Ground start pulse
- [2] Utility output no access code
- [3] Utility output any access code
- [4] Utility output group A access code
- [5] Utility output group B access code
- [6] Keypad buzzer follow mode
- [7] System status (arm/disarm) output
- [8] Strobe output (Latched Alarm Output)
- [9] Failure to communicate output
- [A] For future use
- [B] Output for keypad loop

1 thru B are the only valid entries

[23] Zone Group A Assignment

- Zone Light 1
- Zone Light 2
- Zone Light 3
- Zone Light 4
- Zone Light 5
- Zone Light 6
- Zone Light 7
- Zone Light 8

If no zone light is on that zone is assigned a group A

NOTE: If zone is not assigned to a group A or B no transmission will be sent

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8

[24] Zone Group B Assignment

- Zone Light 1
- Zone Light 2
- Zone Light 3
- Zone Light 4
- Zone Light 5
- Zone Light 6
- Zone Light 7
- Zone Light 8

If no zone light is on that zone is assigned to group B

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8

### [25] Access Code Group A Assignment

Zone Light 1

Zone Light 2

Zone Light 3

Zone Light 4

Zone Light 5

Zone Light 6

Zone Light 7

Zone Light 8

If zone light is on that access code is assigned to group A

NOTE: If access code is not assigned to group A or B opening and closing signals will no be sent.

Factory Programming (DEFAULT)

1  ON

2  ON

3  ON

4  ON

5  ON

6  ON

7  ON

8  ON

### [26] Access Code Group B Assignment

Zone Light 1

Zone Light 2

Zone Light 3

Zone Light 4

Zone Light 5

Zone Light 6

Zone Light 7

Zone Light 8

If zone light is on that access code is assigned to group B

1  ON

2  ON

3  ON

4  ON

5  ON

6  ON

7  ON

8  ON

### [27] Communicator Call Direction Options

ZONES GROUP A ALARMS AND RESTORALS

ZONES GROUP B ALARMS AND RESTORALS

ACCESS CODES GROUP A OPENINGS & CLOSINGS

ACCESS CODES GROUP B OPENINGS & CLOSINGS

PRIORITY ALARMS AND RESTORALS

MAINTENANCE ALARMS AND RESTORALS

1

1

1

1

1

1

- [1] Call 1st phone number back up to 2nd (becomes 1st number only when sections [13] item [7] is on)  
 [2] Call 2nd phone number only  
 [3] Always call both phone numbers