DD-1PC PROM PROGRAMMER

Programming Addendum

Use this addendum when programming a PROM for Models PAS-1 or PAS-1/WC, and when programming a PROM for Acron Digital Communicators with "© 1982" microprocessors.

Refer to the DD-1PC instruction manual for programmer operating instructions.

Functions which can be zone selected (except Fire Zones) use the Acron Channel Select format found in Fig. III on page 10 of the Programmer Operating Instructions.

Some Memory Locations are programmed for more than one function. When only one function in a particular Memory Location is desired, program the number for that function only. When two or more functions in a particular Memory Location are desired, you may program using two different methods.

Example: Memory Location 30B

FUNCTION	ENTER
Forced Arming	"1"
Low Battery/Trouble	"2"

Method 1) Program the numbers for the desired functions one at a time. Enter a "1" for Forced Arming, then enter a "2" for Low Battery/Trouble. The displayed number will be a "3" ("1"+"2"="3").

Method 2) Add the numbers of the desired functions together, and enter that number.

"1" Forced Arming
"2" Low Battery/Trouble
"3" Enter

"A" PAGE

a) **Second dial tone:** In installations where two dial tones are received (first for internal line and second for outside line), the communicator may be programmed to detect a second dial tone. Programming a "14" after the outside line access code will cause the communicator to wait for a second dial tone before continuing the dialing sequence.

b) **Memory Location 32A:** A "1" (or any odd number) voids the page. An "8" is programmed when the Acron Superfast Reporting Format is to be used. (It is no longer necessary to program a "2" or a "4" in location 32.)

c) **All other Memory Locations are unchanged.**

"B" PAGE

a) **Dial Both Numbers - Memory Location 17B:** Select zones to report to BOTH phone numbers. Refer to Fig. III, page 10 of Programmer Instructions.

b) **Extended Format Zone Select - Memory Location 18B:** An Extended Reporting Format may be zone selected. Using the Extended Format, both zone and code information is transmitted to the receiver. Examples of the different reporting formats are illustrated in Table 1.

In the following examples:

Account Number = 123
Test Cancel Zone = 3
Test Cancel Code = 9
Restore Zone = 2
Restore Code = 0
Extended Format = All Zones

Forced Arming = Selected
Low Battery = Selected
Opening = Selected
Closing = Selected
24 Hour Self-Test = Selected

CONDITION	REPORTING FORMAT		
	STANDARD	EXTENDED	ACRON
A) Momentary trip on Zone 3	123 9	123 9 999 3	Account 123 Zone 1 2 3 4 5 6 7 8 Code 9
B) Trip on Zone 3	123 3	123 3 333 3	Account 123 Zone 1 2 3 4 5 6 7 8 Code 3
C) Trip on Zone 2	123 2	123 2 222 2	Account 123 Zone 1 2 3 4 5 6 7 8 Code 2
D) Restore Zone 2	123 0	123 0 000 2	Account 123 Zone 1 2 3 4 5 6 7 8 Code 0
E) Momentary trip on Zone 2	123 9	123 9 999 2	Account 123 Zone 1 2 3 4 5 6 7 8 Code 9
F) Opening	123 9	123 9 999 0	Account 123 Zone 1 2 3 4 5 6 7 8 Code D D D D D D D D
G) Closing	123 9	123 9 999 9	Account 123 Zone 1 2 3 4 5 6 7 8 Code A A A A A A A A
H) Low Battery/Trouble	123 0	123 0 000 9	Account 123 Zone 1 2 3 4 5 6 7 8 Code B B B B B B B B
I) Forced Arming	123 0	123 0 000 9	Account 123 Zone 1 2 3 4 5 6 7 8 Code E E E E E E E
J) 24 Hour Self-Test	123 0	123 0 000 0	Account 123 Zone 1 2 3 4 5 6 7 8 Code − − − − − − − −

TABLE 1

Notes:

    1) The Test Cancel and Restore Code Numbers should not be the same. If they are, a momentary trip will not be able to be distinguished from a restoral.

    2) The Test Cancel and Restore Code Numbers should not be the same as a Zone Code Number.

c) **Memory Location 19B:** This location is used for two functions — Fast/Slow Invert and the phone number(s) to be dialed for non-emergency alarm reports (opening, closing, 24 hour self-test, low battery/trouble, forced arming). When Fast/Slow Invert is selected, the communicator will transmit in Slow format when a Fast handshake is received, and Fast format when a Slow handshake is received.

FUNCTION	ENTER
Fast/Slow Invert	"1"
Dial Both Numbers	"4"
Dial Second Number Only	"8"

d) **Control Panel Functions:**

    1) **Audible Panic Zone Select - Memory Location 20B.**
       Refer to Fig. III in Programmer Instructions.

    2) **Instant Burglary Zone Select - Memory Location 21B.**
       Refer to Fig. III in Programmer Instructions.

3) **Delay Burglary Zone Select - Memory Location 22B.**
Refer to Fig. III in Programmer Instructions.

4) **Exit Delay Time - Memory Location 23B.**
10 to 150 seconds in 10 second increments. Program a "1" for a 10 second delay, a "2" for 20 seconds, etc., up to a "15" for a 150 second delay..If a Delay Zone(s) is selected, and Delay Time is not programmed, the Delay Time will be 30 seconds.

5) **Entrance Delay Time - Memory Location 24B.**
Program same as Exit Delay Time. If a Delay Zone(s) is selected, and Delay Time is not programmed, the Delay Time will be 30 seconds.

6) **Bell Shutoff Time - Memory Location 25B.**
2 to 30 minutes in 2 minute increments. Program a "1" for 2 minutes, a "2" for 4 minutes, etc., up to a "15" for 30 minutes. If a number is not programmed, the Bell Shutoff Time will be 15 minutes.

7) **Fire Zone Select - Memory Location 26B.**
Refer to Table 2 below to select Fire Zones.

PROGRAM \ FIRE ZONE	5	6	7	8
1	X			
2		X		
3			X	
4				X
9	All 8 Zones			
10		X	X	
12			X	X
14		X	X	X

TABLE 2

8) **Normally Closed Loop Select - Memory Location 27B.**
Zones may be programmed for Normally Closed operation. Refer to Fig. III in Programming Instructions.

9) **Account Number, 4th Digit - Memory Location 28B.**
A fourth digit may be added to the Account Number in this location.
Note: Not all receivers will accept a four-digit account number.

10) **Low Battery/Trouble and Forced Arming Reports - Memory Location 30B.**

FUNCTION	ENTER
Forced Arming	"1"
Low Battery/Trouble	"2"

11) **Opening, Closing and 24 Hour Self-Test Reports - Memory Location 31B.**

FUNCTION	ENTER
24 Hour Self-Test	"1"
Closing	"2"
Opening	"4"

12) **Memory Location 32B.**
The communicator may be programmed to "Dial if Dial Tone is Not Detected" and for False Alarm Shutdown. When programmed for False Alarm Shutdown, three alarms on a single zone within a two-hour period will shut down that zone for 24 hours. Program a "1" in this location to cancel the page.

FUNCTION	ENTER
Void Page	"1"
Dial if No Dial Tone	"4"
False Alarm Shutdown	"8"

MEMORY LOCATION ASSIGNMENT

	PAGE A		PAGE B		
MEM. LOC.	DESCRIPTION		DESCRIPTION		MEM. LOC.
1	1ST DIALED DIGIT		1ST DIALED DIGIT		1
2	2ND DIALED DIGIT		2ND DIALED DIGIT		2
3	3RD DIALED DIGIT		3RD DIALED DIGIT		3
4	4TH DIALED DIGIT		4TH DIALED DIGIT		4
5	5TH DIALED DIGIT		5TH DIALED DIGIT		5
6	6TH DIALED DIGIT	FIRST TELEPHONE #	6TH DIALED DIGIT	SECOND TELEPHONE #	6
7	7TH DIALED DIGIT		7TH DIALED DIGIT		7
8	8TH DIALED DIGIT		8TH DIALED DIGIT		8
9	9TH DIALED DIGIT		9TH DIALED DIGIT		9
10	10TH DIALED DIGIT		10TH DIALED DIGIT		10
11	11TH DIALED DIGIT		11TH DIALED DIGIT		11
12	12TH DIALED DIGIT		12TH DIALED DIGIT		12
13	13TH DIALED DIGIT		13TH DIALED DIGIT		13
14	1ST DIGIT		SELECT ZONES TO DIAL SECOND #		14
15	2ND DIGIT	ACCOUNT #	LISTEN-IN, SELECT ZONES		15
16	3RD DIGIT		LISTEN-IN TIME, 1 MIN. INCREMENTS		16
17	ABORT, SELECT ZONES		SELECT ZONES TO DIAL BOTH #'S		17
18	DELAY, SELECT ZONES		EXTENDED FORMAT, SELECT ZONES		18
19	DELAY TIME - 10 SEC. INCREMENTS		1 FAST/SLOW INVERT 4 BOTH NUMBERS 8 SECOND NUMBER		19
20	TEST CANCEL, SELECT ZONES		AUDIBLE PANIC, SELECT ZONES		20
21	TEST CANCEL, CODE		INSTANT BURGLARY, SELECT ZONES		21
22	RESTORE, SELECT ZONES		DELAY BURGLARY, SELECT ZONES		22
23	RESTORE, CODE		EXIT DELAY TIME, 10 SEC. INCREMENTS		23
24	ZONE 1 REPORTING CODE		ENTRANCE DELAY TIME, 10 SEC. INCREMENTS		24
25	ZONE 2 REPORTING CODE		BELL SHUTOFF TIME, 2 MIN. INCREMENTS		25
26	ZONE 3 REPORTING CODE		AUDIBLE FIRE, SELECT ZONES		26
27	ZONE 4 REPORTING CODE		NORMALLY CLOSED LOOP, SELECT ZONES		27
28	ZONE 5 REPORTING CODE		ACCOUNT NUMBER 4TH DIGIT		28
29	ZONE 6 REPORTING CODE		—NOT USED—		29
30	ZONE 7 REPORTING CODE		1 FORCED ARMING 2 LOW BATTERY/TROUBLE		30
31	ZONE 8 REPORTING CODE		1 24 HR. TEST 2 CLOSING 4 OPENING		31
32	1 VOID PAGE 8 ACRON FORMAT		1 VOID PAGE 4 DIAL IF NO DIAL TONE 8 FALSE ALARM		32

▓ =PROGRAM NUMBER FOR DESIRED FUNCTION

░ =CONTROL PANEL FUNCTIONS - USE ONLY WITH PAS - 1 OR PAS - 1/WC

- NOTE -

Memory location 21 on page B should read "Audible Burglary, Select Zones." Delay burglary zones must first be programmed as audible burglary zones.

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