



KEYPAD PROGRAMMING WORKBOOK

(BURGLARY DEFAULT PROGRAM SHOWN IN PARENTHESES)

SOFTWARE VERSION 56

NOTE 1: IF PROGRAMMING USER CODES BY ADDRESS FROM PAGES 2 AND 3, FILL IN USER-CODE ADDRESS BOXES USING THE FOLLOWING FORMAT:

1st LOC		USER XX 2nd LOC		3rd LOC		UXXAL 4th LOC		UXXAC 5th LOC	
B	A	D	C	F	E	H	G	J	I

WHERE "A" AND "B" REPRESENT THE 1st AND 2nd DIGITS, RESPECTIVELY;
"C" AND "D" REPRESENT THE 3rd AND 4th DIGITS, RESPECTIVELY;
"E" AND "F" REPRESENT THE 5th AND 6th DIGITS, RESPECTIVELY;
"G" REPRESENTS THE AUTHORITY LEVEL AND "H" THE OPTION CODE;
"I" AND "J" REPRESENT THE ACCESS-CONTROL BYTE. SEE PAGE 4.

NOTE 2: IN UL-LISTED APPLICATIONS, REFER TO CONTROL-PANEL INSTALLATION INSTRUCTIONS FOR UL PROGRAMMING REQUIREMENTS.

NOTE 3: THE KEYPAD-PROGRAM FUNCTION IS PROVIDED ONLY AS AN AID IN MAKING MINOR FIELD MODIFICATIONS TO THE PANEL PROGRAM. UPLOAD THE PANEL PROGRAM FOLLOWING ANY KEYPAD PROGRAMMING AND RUN THE PCD3000 ERROR-CHECK UTILITY TO GUARD AGAINST PROGRAMMING CONFLICTS FOR THE TYPE OF SERVICE SELECTED FOR THE INSTALLATION (REQUIRED IN III. COMMERCIAL-FIRE APPLICATIONS).

Sales, Repairs & Technical Service (Toll Free): (800) 645-9445
Technical Service Direct Line (Toll Free): (800) 645-9440

WI641C

10/94



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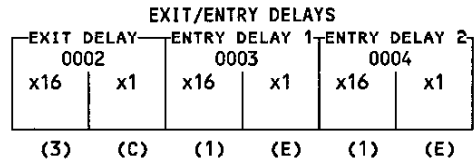
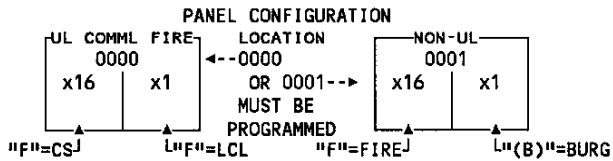
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USER CODES/AUTHORITY LEVELS & ACCESS CONTROL BYTES, USERS 1-48 (SEE PAGE 4 FOR AN EXPLANATION OF AUTHORITY LEVELS).

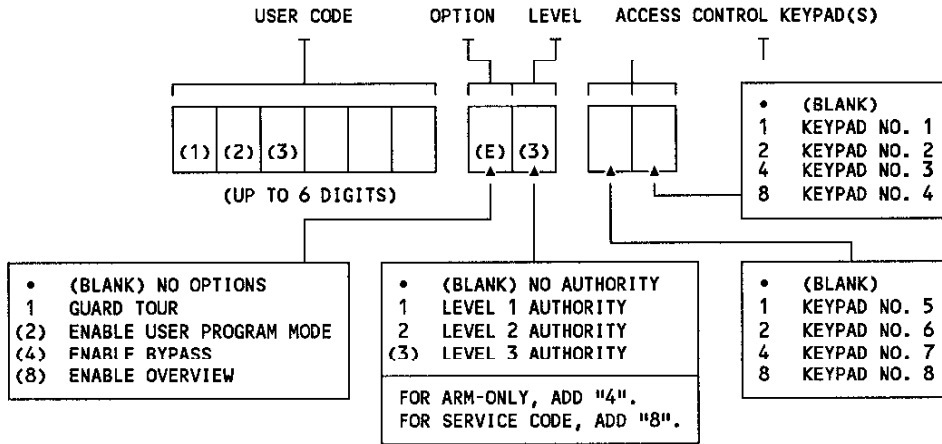
0010	USER 1	0011	0012	U01AL	U01AC	0013	0014	0015	USER 2	0016	0017	U02AL	U02AC	0018	0019	0020	USER 3	0021	0022	U03AL	U03AC	0023	0024
(2)	(1)	(3)	(E)	(3)																			
0025	USER 4	0026	0027	U04AL	U04AC	0028	0029	0030	USER 5	0031	0032	U05AL	U05AC	0033	0034	0035	USER 6	0036	0037	U06AL	U06AC	0038	0039
0040	USER 7	0041	0042	U07AL	U07AC	0043	0044	0045	USER 8	0046	0047	U08AL	U08AC	0048	0049	0050	USER 9	0051	0052	U09AL	U09AC	0053	0054
0055	USER 10	0056	0057	U10AL	U10AC	0058	0059	0060	USER 11	0061	0062	U11AL	U11AC	0063	0064	0065	USER 12	0066	0067	U12AL	U12AC	0068	0069
0070	USER 13	0071	0072	U13AL	U13AC	0073	0074	0075	USER 14	0076	0077	U14AL	U14AC	0078	0079	0080	USER 15	0081	0082	U15AL	U15AC	0083	0084
0085	USER 16	0086	0087	U16AL	U16AC	0088	0089	0090	USER 17	0091	0092	U17AL	U17AC	0093	0094	0095	USER 18	0096	0097	U18AL	U18AC	0098	0099
0100	USER 19	0101	0102	U19AL	U19AC	0103	0104	0105	USER 20	0106	0107	U20AL	U20AC	0108	0109	0110	USER 21	0111	0112	U21AL	U21AC	0113	0114
0115	USER 22	0116	0117	U22AL	U22AC	0118	0119	0120	USER 23	0121	0122	U23AL	U23AC	0123	0124	0125	USER 24	0126	0127	U24AL	U24AC	0128	0129
0130	USER 25	0131	0132	U25AL	U25AC	0133	0134	0135	USER 26	0136	0137	U26AL	U26AC	0138	0139	0140	USER 27	0141	0142	U27AL	U27AC	0143	0144
0145	USER 28	0146	0147	U28AL	U28AC	0148	0149	0150	USER 29	0151	0152	U29AL	U29AC	0153	0154	0155	USER 30	0156	0157	U30AL	U30AC	0158	0159
0160	USER 31	0161	0162	U31AL	U31AC	0163	0164	0165	USER 32	0166	0167	U32AL	U32AC	0168	0169	0170	USER 33	0171	0172	U33AL	U33AC	0173	0174
0175	USER 34	0176	0177	U34AL	U34AC	0178	0179	0180	USER 35	0181	0182	U35AL	U35AC	0183	0184	0185	USER 36	0186	0187	U36AL	U36AC	0188	0189
0190	USER 37	0191	0192	U37AL	U37AC	0193	0194	0195	USER 38	0196	0197	U38AL	U38AC	0198	0199	0200	USER 39	0201	0202	U39AL	U39AC	0203	0204
0205	USER 40	0206	0207	U40AL	U40AC	0208	0209	0210	USER 41	0211	0212	U41AL	U41AC	0213	0214	0215	USER 42	0216	0217	U42AL	U42AC	0218	0219
0220	USER 43	0221	0222	U43AL	U43AC	0223	0224	0225	USER 44	0226	0227	U44AL	U44AC	0228	0229	0230	USER 45	0231	0232	U45AL	U45AC	0233	0234
0235	USER 46	0236	0237	U46AL	U46AC	0238	0239	0240	USER 47	0241	0242	U47AL	U47AC	0243	0244	0245	USER 48	0246	0247	U48AL	U48AC	0248	0249

USER CODES/AUTHORITY LEVELS & ACCESS CONTROL BYTES, USERS 48-96 (SEE PAGE 4 FOR EXPLANATION).

0250	USER 49 0251	0252	U49AL 0253	U49AC 0254	0255	USER 50 0256	0257	U50AL 0258	U50AC 0259	0260	USER 51 0261	0262	U51AL 0263	U51AC 0264
0265	USER 52 0266	0267	U52AL 0268	U52AC 0269	0270	USER 53 0271	0272	U53AL 0273	U53AC 0274	0275	USER 54 0276	0277	U54AL 0278	U54AC 0279
0280	USER 55 0281	0282	U55AL 0283	U55AC 0284	0285	USER 56 0286	0287	U56AL 0288	U56AC 0289	0290	USER 57 0291	0292	U57AL 0293	U57AC 0294
0295	USER 58 0296	0297	U58AL 0298	U58AC 0299	0300	USER 59 0301	0302	U59AL 0303	U59AC 0304	0305	USER 60 0306	0307	U60AL 0308	U60AC 0309
0310	USER 61 0311	0312	U61AL 0313	U61AC 0314	0315	USER 62 0316	0317	U62AL 0318	U62AC 0319	0320	USER 63 0321	0322	U63AL 0323	U63AC 0324
0325	USER 64 0326	0327	U64AL 0328	U64AC 0329	0330	USER 65 0331	0332	U65AL 0333	U65AC 0334	0335	USER 66 0336	0337	U66AL 0338	U66AC 0339
0340	USER 67 0341	0342	U67AL 0343	U67AC 0344	0345	USER 68 0346	0347	U68AL 0348	U68AC 0349	0350	USER 69 0351	0352	U69AL 0353	U69AC 0354
0355	USER 70 0356	0357	U70AL 0358	U70AC 0359	0360	USER 71 0361	0362	U71AL 0363	U71AC 0364	0365	USER 72 0366	0367	U72AL 0368	U72AC 0369
0370	USER 73 0371	0372	U73AL 0373	U73AC 0374	0375	USER 74 0376	0377	U74AL 0378	U74AC 0379	0380	USER 75 0381	0382	U75AL 0383	U75AC 0384
0385	USER 76 0386	0387	U76AL 0388	U76AC 0389	0390	USER 77 0391	0392	U77AL 0393	U77AC 0394	0395	USER 78 0396	0397	U78AL 0398	U78AC 0399
0400	USER 79 0401	0402	U79AL 0403	U79AC 0404	0405	USER 80 0406	0407	U80AL 0408	U80AC 0409	0410	USER 81 0411	0412	U81AL 0413	U81AC 0414
0415	USER 82 0416	0417	U82AL 0418	U82AC 0419	0420	USER 83 0421	0422	U83AL 0423	U83AC 0424	0425	USER 84 0426	0427	U84AL 0428	U84AC 0429
0430	USER 85 0431	0432	U85AL 0433	U85AC 0434	0435	USER 86 0436	0437	U86AL 0438	U86AC 0439	0440	USER 87 0441	0442	U87AL 0443	U87AC 0444
0445	USER 88 0446	0447	U88AL 0448	U88AC 0449	0450	USER 89 0451	0452	U89AL 0453	U89AC 0454	0455	USER 90 0456	0457	U90AL 0458	U90AC 0459
0460	USER 91 0461	0462	U91AL 0463	U91AC 0464	0465	USER 92 0466	0467	U92AL 0468	U92AC 0469	0470	USER 93 0471	0472	U93AL 0473	U93AC 0474
0475	USER 94 0476	0477	U94AL 0478	U94AC 0479	0480	USER 95 0481	0482	U95AL 0483	U95AC 0484	0485	USER 96 0486	0487	U96AL 0488	U96AC 0489

PANEL ACCESS CODE			AMBUSH	DEALER SECURITY CODE			DOWNLOAD SECURITY CODE		
0490	0491	0492	0495	0500	0501	0502	0638	0639	0640

USER CODES, OPTIONS, AUTHORITY LEVELS & KEYPAD ACCESS CONTROL BYTE

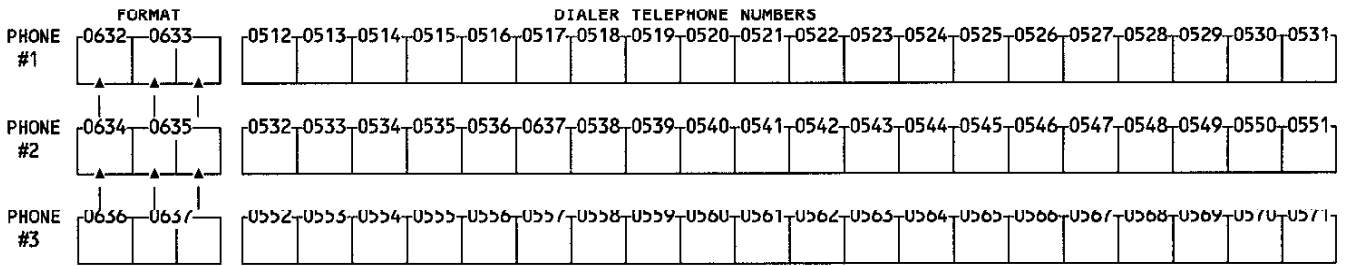


BURGLARY KEYPAD DISPLAY

<u>FUNCTION</u>	<u>LEVEL*</u>
DISPLAY STATUS	1
DISPLAY BYPASSED	1
DIRECTORY	1
BELL TEST	1
TELEPHONE LIST	3
DISPLAY MENU	
DISPLAY SYS TBL	1
DISPLAY FIRE ALM	1
DISPLAY FIRE TBL	1
DISP OP/CL SCHED	3
SUPERVISORY	
OVERVIEW	3*
ACTIVATE CHIME	1
ACTIVATE WATCH	2
GUARD TOUR ON/OFF	2
RESET MENU	
RESET DEVICES	2
FIRE SILENCE	2
RESET FIRE AUX 1	2
RESET FIRE AUX 2	2
RESET SYS TROUBLE	3
RESET SENSOR MSG	3
START EXIT TIME	1
DIAGNOSTIC	
FAULT FIND	3
ACTIVATE LOCATE	3
EZM ZONE FIND	3
COMM TEST TO CS	3
HISTORY LOGS	
ALARM EVENT LOG	3
TOTAL EVENT LOG	3
FIRE EVENT LOG	3
OP/CL EVENT LOG	3
SYSTEM EVENT LOG	3
AUTOARM FUNC	
AUTOARM IN 1-4HR	2
AUTOARM SCHED	3
ACTIVATE PROGRAM	3*
DOWNLOAD	3

* Minimum level required to access function.
 * Level-3 Code with appropriate option (see above).

TELEPHONE NUMBERS



- BLANK
- 1 ADEMCO SLOW, SILENT KNIGHT SLOW
 - 2 SESCOA, VERTEX, DCI FRANKLIN FAST
 - 3 RADIONICS FAST
 - 4 SILENT KNIGHT FAST
 - 5 RADIONICS, DCI, FRANKLIN SLOW
 - 6 UNIVERSAL HIGH SPEED
 - 7 RADIONICS BFSK
 - 8 FBI 4/3/1
 - 9 A RADIONICS MODEM 2
 - 0 B SIA
 - 1 C ADEMCO POINT ID
 - 2 D ADEMCO EXPRESS
 - 3 E PAGER

- 1 = SUM CHECK
- 2 = 3/1 WITH EXTENDED RESTORES
- 4 = (RESERVED)
- 8 = (RESERVED)

- 1 = 1400HZ HANDSHAKE/KISSOFF*
- 2 = 2300HZ HANDSHAKE/KISSOFF*
- 4 = ZONE NO. ON PULSE ALARM
- 8 = SINGLE DIGIT

*WITH BOTH SELECTED, 1400HZ HAS PRIORITY OVER 2300HZ. WITH NEITHER SELECTED, NO PRIORITY.

CALLBACK TELEPHONE NUMBER 1

0572	0573	0574	0575	0576	0577	0578	0579	0580	0581	0582	0583	0584	0585	0586	0587	0588	0589	0590	0591
------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------

CALLBACK SELECT

0998

CALLBACK TELEPHONE NUMBER 2

0592	0593	0594	0595	0596	0597	0598	0599	0600	0601	0602	0603	0604	0605	0606	0607	0608	0609	0610	0611
------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------

AUTO D/L ID NO.

0999

REPORT CODES

ALARM/TROUBLE CODES

ALARM	TROUBLE
RESTORE	RESTORE
0846	0847-0848

OPENING/CLOSING CODES

CLOSE	OPEN	FAIL TO OPEN
0850	0852	0854
0851	0853	0855
COND'L CLOSE	OPN AFT ALARM	FAIL TO CLOSE

SYSTEM CODES

TEST	BUS-1	PANEL	EZM	TELCO-1	PANEL	DD	BUS-2	PROGRAM
TIMER	FAIL	LOW-BAT	TAMPER	FAIL	GND-FLT	TEST	FAIL*	CODE
0856	0858	0860	0862	0864	0870	0872	0874	0876
0857	0859	0861	0863	0865	0871	0873	0875	0877
BELL SUPVSN*	MEMORY FAIL	PANEL AC-FAIL	SENSOR WATCH	TELCO-2 FAIL*	(RSRVD)	TOUR FAIL	SERVICE MESSAGE	(RSRVD)

KEYPAD CODES

AMBUSH	FIRE	TAMPER
0880	0882	0884
0881	0883	
PANIC	AUX.	

*CF5530

SUBSCRIBER IDENTIFICATION NUMBERS

SUBSCRIBER OPENING/CLOSING ID NUMBERS, TELCO 1

AREA 1 0641-0642-0643-0644	AREA 2 0645-0646-0647-0648	AREA 3 0649-0650-0651-0652	AREA 4 0653-0654-0655-0656
AREA 5 0657-0658-0659-0660	AREA 6 0661-0662-0663-0664	AREA 7 0665-0666-0667-0668	AREA 8 0669-0670-0671-0672

SUBSCRIBER EVENT ID NUMBERS, TELCO 1

AREA 1 0673-0674-0675-0676	AREA 2 0677-0678-0679-0680	AREA 3 0681-0682-0683-0684	AREA 4 0685-0686-0687-0688	
AREA 5 0689-0690-0691-0692	AREA 6 0693-0694-0695-0696	AREA 7 0697-0698-0699-0700	AREA 8 0701-0702-0703-0704	SYSTEM 0705-0706-0707-0708

SUBSCRIBER OPENING/CLOSING ID NUMBERS, TELCO 2 (BACKUP REPORTING)

AREA 1 0709-0710-0711-0712	AREA 2 0713-0714-0715-0716	AREA 3 0717-0718-0719-0720	AREA 4 0721-0722-0723-0724
AREA 5 0725-0726-0727-0728	AREA 6 0729-0730-0731-0732	AREA 7 0733-0734-0735-0736	AREA 8 0737-0738-0739-0740

SUBSCRIBER EVENT ID NUMBERS, TELCO 2 (BACKUP REPORTING)

AREA 1 0741-0742-0743-0744	AREA 2 0745-0746-0747-0748	AREA 3 0749-0750-0751-0752	AREA 4 0753-0754-0755-0756	
AREA 5 0757-0758-0759-0760	AREA 6 0761-0762-0763-0764	AREA 7 0765-0766-0767-0768	AREA 8 0769-0770-0771-0772	SYSTEM 0773-0774-0775-0776

SUBSCRIBER OPENING/CLOSING ID NUMBERS, TELCO 3

AREA 1 0777-0778-0779-0780	AREA 2 0781-0782-0783-0784	AREA 3 0785-0786-0787-0788	AREA 4 0789-0790-0791-0792
AREA 5 0793-0794-0795-0796	AREA 6 0797-0798-0799-0800	AREA 7 0801-0802-0803-0804	AREA 8 0805-0806-0807-0808

SUBSCRIBER EVENT ID NUMBERS, TELCO 3

AREA 1 0800-0810-0811-0812	AREA 2 0813-0814-0815-0816	AREA 3 0817-0818-0819-0820	AREA 4 0821-0822-0823-0824	
AREA 5 0825-0826-0827-0828	AREA 6 0829-0830-0831-0832	AREA 7 0833-0834-0835-0836	AREA 8 0837-0838-0839-0840	SYSTEM 0841-0842-0843-0844

ZONE TYPE/SINGLE DIGIT REPORT CODE

CONTROL PANEL																GROUP 1				GROUP 2							
ZONE>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16											
ADDR>	0888	0889	0890	0891	0892	0893	0894	0895	0896	0897	0898	0899	0900	0901	0902	0903											
GROUP 3																GROUP 4				GROUP 5				GROUP 6			
ZONE>	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32											
ADDR>	0904	0905	0906	0907	0908	0909	0910	0911	0912	0913	0914	0915	0916	0917	0918	0919											
GROUP 7																GROUP 8				GROUP 9				GROUP 10			
ZONE>	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48											
ADDR>	0920	0921	0922	0923	0924	0925	0926	0927	0928	0929	0930	0931	0932	0933	0934	0935											
GROUP 11																GROUP 12				GROUP 13				GROUP 14			
ZONE>	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64											
ADDR>	0936	0937	0938	0939	0940	0941	0942	0943	0944	0945	0946	0947	0948	0949	0950	0951											
GROUP 15																GROUP 16				GROUP 17				GROUP 18			
ZONE>	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80											
ADDR>	0952	0953	0954	0955	0956	0957	0958	0959	0960	0961	0962	0963	0964	0965	0966	0967											
GROUP 19																GROUP 20				GROUP 21				GROUP 22			
ZONE>	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96											
ADDR>	0968	0969	0970	0971	0972	0973	0974	0975	0976	0977	0978	0979	0980	0981	0982	0983											

ZONE TYPES (FOR USE WITH SIA; FBI 4/3/1; RADIONICS MODEM 2*; POINT ID; EXPRESS.)

XXXX

PULSE EVENT CODE

MODEM CODE	
1 = FIRE*	7 = GAS ALARM
2 = PANIC	8 = HEAT ALARM
3 = BURGLARY	9 = SPRINKLER ALARM
4 = HOLDUP	A = MEDICAL ALARM
5 = SPRINKLER SUPERVISORY	B = 24-HOUR AUX.
6 = FIRE WATERFLOW	

*FIRE ZONES ARE NOT FOR USE WITH MODEM-2 RECEIVERS

DISABLE OPENINGS

1000			
AREA 5	1	1	AREA 1
AREA 6	2	2	AREA 2
AREA 7	4	4	AREA 3
AREA 8	8	8	AREA 4

DISABLE CLOSINGS

1001			
AREA 5	1	1	AREA 1
AREA 6	2	2	AREA 2
AREA 7	4	4	AREA 3
AREA 8	8	8	AREA 4

1019			
CANCEL NEXT T.T. REPT. ON ANY REPT.	1	1	BACKUP REPORT ON TELCO 2
DISABLE WAIT FOR SILENCE	2	2	TOUCHTONE DIALING ONLY
DISABLE WAIT FOR HANDSHAKE	4	4	TOUCHTONE DIALING WITH ROTARY BACKUP
(RESERVED)		8	TRANSMIT "402" OPENING/CLOSING CODE

USER CLOSING AND OPENING REPORTS BY TELEPHONE NUMBERS

		USER CLOSING TELCO 1				USER OPENING TELCO 1						
		ADDR			ADDR			ADDR				
USER ->	16 15 14 13	1034	12 11 10 9	8 7 6 5	1033	4 3 2 1	16 15 14 13	1021	12 11 10 9	8 7 6 5	1020	4 3 2 1
TELCO 1	8 4 2 1		8 4 2 1	8 4 2 1		8 4 2 1	8 4 2 1		8 4 2 1	8 4 2 1		8 4 2 1
USER ->	32 31 30 29	1036	28 27 26 25	24 23 22 21	1035	20 19 18 17	32 31 30 29	1023	28 27 26 25	24 23 22 21	1022	20 19 18 17
TELCO 1	8 4 2 1		8 4 2 1	8 4 2 1		8 4 2 1	8 4 2 1		8 4 2 1	8 4 2 1		8 4 2 1
USER ->	48 47 46 45	1038	44 43 42 41	40 39 38 37	1037	36 35 34 33	48 47 46 45	1025	44 43 42 41	40 39 38 37	1024	36 35 34 33
TELCO 1	8 4 2 1		8 4 2 1	8 4 2 1		8 4 2 1	8 4 2 1		8 4 2 1	8 4 2 1		8 4 2 1
USER ->	64 63 62 61	1040	60 59 58 57	56 55 54 53	1039	52 51 50 49	64 63 62 61	1027	60 59 58 57	56 55 54 53	1026	52 51 50 49
TELCO 1	8 4 2 1		8 4 2 1	8 4 2 1		8 4 2 1	8 4 2 1		8 4 2 1	8 4 2 1		8 4 2 1
USER ->	80 79 78 77	1042	76 75 74 73	72 71 70 69	1041	68 67 66 65	80 79 78 77	1029	76 75 74 73	72 71 70 69	1028	68 67 66 65
TELCO 1	8 4 2 1		8 4 2 1	8 4 2 1		8 4 2 1	8 4 2 1		8 4 2 1	8 4 2 1		8 4 2 1
USER ->	96 95 94 93	1044	92 91 90 89	88 87 86 85	1043	84 83 82 81	96 95 94 93	1031	92 91 90 89	88 87 86 85	1030	84 83 82 81
TELCO 1	8 4 2 1		8 4 2 1	8 4 2 1		8 4 2 1	8 4 2 1		8 4 2 1	8 4 2 1		8 4 2 1
USER ->					1045	00 99 98 97					1032	00 99 98 97
TELCO 1						8 4 2 1						8 4 2 1

		USER CLOSING TELCO 3				USER OPENING TELCO 3						
		ADDR			ADDR			ADDR				
USER ->	16 15 14 13	1086	12 11 10 9	8 7 6 5	1085	4 3 2 1	16 15 14 13	1073	12 11 10 9	8 7 6 5	1072	4 3 2 1
TELCO 3	8 4 2 1		8 4 2 1	8 4 2 1		8 4 2 1	8 4 2 1		8 4 2 1	8 4 2 1		8 4 2 1
USER ->	32 31 30 29	1088	28 27 26 25	24 23 22 21	1087	20 19 18 17	32 31 30 29	1075	28 27 26 25	24 23 22 21	1074	20 19 18 17
TELCO 3	8 4 2 1		8 4 2 1	8 4 2 1		8 4 2 1	8 4 2 1		8 4 2 1	8 4 2 1		8 4 2 1
USER ->	48 47 46 45	1090	44 43 42 41	40 39 38 37	1089	36 35 34 33	48 47 46 45	1077	44 43 42 41	40 39 38 37	1076	36 35 34 33
TELCO 3	8 4 2 1		8 4 2 1	8 4 2 1		8 4 2 1	8 4 2 1		8 4 2 1	8 4 2 1		8 4 2 1
USER ->	64 63 62 61	1092	60 59 58 57	56 55 54 53	1091	52 51 50 49	64 63 62 61	1081	60 59 58 57	56 55 54 53	1078	52 51 50 49
TELCO 3	8 4 2 1		8 4 2 1	8 4 2 1		8 4 2 1	8 4 2 1		8 4 2 1	8 4 2 1		8 4 2 1
USER ->	80 79 78 77	1094	76 75 74 73	72 71 70 69	1093	68 67 66 65	80 79 78 77	1083	76 75 74 73	72 71 70 69	1080	68 67 66 65
TELCO 3	8 4 2 1		8 4 2 1	8 4 2 1		8 4 2 1	8 4 2 1		8 4 2 1	8 4 2 1		8 4 2 1
USER ->	96 95 94 93	1096	92 91 90 89	88 87 86 85	1095	84 83 82 81	96 95 94 93	1085	92 91 90 89	88 87 86 85	1082	84 83 82 81
TELCO 3	8 4 2 1		8 4 2 1	8 4 2 1		8 4 2 1	8 4 2 1		8 4 2 1	8 4 2 1		8 4 2 1
USER ->					1097	00 99 98 97					1084	00 99 98 97
TELCO 3						8 4 2 1						8 4 2 1

NOTE: USER 97 = AUTO ARMING/DISARMING.
 USER 98 = QUICKLOADER ARMING/DISARMING.
 USER 99 = EASY ARMING (OPENINGS NOT APPLICABLE).
 USER 00 = KEYSWITCH ARMING.

GLOBAL SYSTEM-TROUBLE REPORTS

	LOW BATTERY	AC FAIL	E2M TAMPER	SENSOR WATCH	ADDR	TEST TIMER	BELL SUPVN*	COMM BUS 1	MEMORY FAIL
BURGLARY OUTPUT	1	2	4	8	1098	1	2	4	8
REPORT ALARM TELCO 1	1	2	4	8	1103	1	2	4	8
REP RESTORE TELCO 1	1	2	4	8	1104	1	2	4	8
REPORT ALARM TELCO 3	1	2	4	8	1107	1	2	4	8
REP RESTORE TELCO 3	1	2	4	8	1108	1	2	4	8

	(RSRVD)	(RSRVD)	PANEL GND FLT	(RSRVD)	ADDR	TELCO-1 FAIL	TELCO-2 FAIL	(RSRVD)	(RSRVD)
BURGLARY OUTPUT			4		1110	1	2		
REPORT ALARM TELCO 1			4		1115	1	2		
REP RESTORE TELCO 1			4		1116	1	2		
REPORT ALARM TELCO 3			4		1119	1	2		
REP RESTORE TELCO 3			4		1120	1	2		

	PROGRAM CHANGE	(RSRVD)	(RSRVD)	(RSRVD)	ADDR	DD TEST	TOUR FAIL	COMM BUS 2	SERVICE MESSAGE
BURGLARY OUTPUT	1				1122	1	2	4	8
REPORT ALARM TELCO 1	1				1127	1	2	4	8
REP RESTORE TELCO 1	1				1128	1	2	4	8
REPORT ALARM TELCO 3	1				1131	1	2	4	8
REP RESTORE TELCO 3	1				1132	1	2	4	8

*CF5530 BELL OUTPUT

AREA SYSTEM-TROUBLE REPORTS

		KEYPAD TAMPER	FAIL TO OPEN	FAIL TO CLOSE	(RESVD)	ADDR	AMBUSH	KEYPAD PANIC	KEYPAD FIRE	KEYPAD AUX.
A R E A 1	PULSED BURG RELAY	1	2	4		1134	1	2	4	8
	BURGLARY RELAY	1	2	4		1135	1	2	4	8
	FIRE RELAY	1	2	4		1136	1	2	4	8
	RESET RELAY	1	2	4		1137	1	2	4	8
	AUXILIARY RELAY	1	2	4		1138	1	2	4	8
	REPORT ALARM TELCO 1 (RESERVED)	1	2	4		1139	1	2	4	8
	REPORT ALARM TELCO 3	1	2	4		1141	1	2	4	8
A R E A 2	PULSED BURG RELAY	1	2	4		1142	1	2	4	8
	BURGLARY RELAY	1	2	4		1143	1	2	4	8
	FIRE RELAY	1	2	4		1144	1	2	4	8
	RESET RELAY	1	2	4		1145	1	2	4	8
	AUXILIARY RELAY	1	2	4		1146	1	2	4	8
	REPORT ALARM TELCO 1 (RESERVED)	1	2	4		1147	1	2	4	8
	REPORT ALARM TELCO 3	1	2	4		1149	1	2	4	8
A R E A 3	PULSED BURG RELAY	1	2	4		1150	1	2	4	8
	BURGLARY RELAY	1	2	4		1151	1	2	4	8
	FIRE RELAY	1	2	4		1152	1	2	4	8
	RESET RELAY	1	2	4		1153	1	2	4	8
	AUXILIARY RELAY	1	2	4		1154	1	2	4	8
	REPORT ALARM TELCO 1 (RESERVED)	1	2	4		1155	1	2	4	8
	REPORT ALARM TELCO 3	1	2	4		1157	1	2	4	8
A R E A 4	PULSED BURG RELAY	1	2	4		1158	1	2	4	8
	BURGLARY RELAY	1	2	4		1159	1	2	4	8
	FIRE RELAY	1	2	4		1160	1	2	4	8
	RESET RELAY	1	2	4		1161	1	2	4	8
	AUXILIARY RELAY	1	2	4		1162	1	2	4	8
	REPORT ALARM TELCO 1 (RESERVED)	1	2	4		1163	1	2	4	8
	REPORT ALARM TELCO 3	1	2	4		1165	1	2	4	8
A R E A 5	PULSED BURG RELAY	1	2	4		1166	1	2	4	8
	BURGLARY RELAY	1	2	4		1167	1	2	4	8
	FIRE RELAY	1	2	4		1168	1	2	4	8
	RESET RELAY	1	2	4		1169	1	2	4	8
	AUXILIARY RELAY	1	2	4		1170	1	2	4	8
	REPORT ALARM TELCO 1 (RESERVED)	1	2	4		1171	1	2	4	8
	REPORT ALARM TELCO 3	1	2	4		1173	1	2	4	8
A R E A 6	PULSED BURG RELAY	1	2	4		1174	1	2	4	8
	BURGLARY RELAY	1	2	4		1175	1	2	4	8
	FIRE RELAY	1	2	4		1176	1	2	4	8
	RESET RELAY	1	2	4		1177	1	2	4	8
	AUXILIARY RELAY	1	2	4		1178	1	2	4	8
	REPORT ALARM TELCO 1 (RESERVED)	1	2	4		1179	1	2	4	8
	REPORT ALARM TELCO 3	1	2	4		1181	1	2	4	8
A R E A 7	PULSED BURG RELAY	1	2	4		1182	1	2	4	8
	BURGLARY RELAY	1	2	4		1183	1	2	4	8
	FIRE RELAY	1	2	4		1184	1	2	4	8
	RESET RELAY	1	2	4		1185	1	2	4	8
	AUXILIARY RELAY	1	2	4		1186	1	2	4	8
	REPORT ALARM TELCO 1 (RESERVED)	1	2	4		1187	1	2	4	8
	REPORT ALARM TELCO 3	1	2	4		1189	1	2	4	8
A R E A 8	PULSED BURG RELAY	1	2	4		1190	1	2	4	8
	BURGLARY RELAY	1	2	4		1191	1	2	4	8
	FIRE RELAY	1	2	4		1192	1	2	4	8
	RESET RELAY	1	2	4		1193	1	2	4	8
	AUXILIARY RELAY	1	2	4		1194	1	2	4	8
	REPORT ALARM TELCO 1 (RESERVED)	1	2	4		1195	1	2	4	8
	REPORT ALARM TELCO 3	1	2	4		1197	1	2	4	8

TIMES, TIMEOUTS & MISCELLANEOUS

TIMEOUTS	x16	x1
RESET RELAY (MINUTES)	2352	
AUXILIARY RELAY (MINUTES)	2353	
AUXILIARY RELAY (PANEL) ACCESS CONTROL (SECONDS)	2354	
BURGLARY RELAY (MINUTES)	2355	
PULSED BURGLARY RELAY (MINUTES)	2356	
FIRE RELAY (MINUTES)	2357	
ABORT DELAY (SECONDS)	2358	
CHIME (SECONDS)	2359	
AC-FAIL REPORT DELAY (2 MINUTES)	2360	
CF5530* SUPERVRY RELAY (SECONDS)	2361	
CF5530* RELAY 1 (MINUTES)	2362	
CF5530* RELAY 2 (MINUTES)	2363	
WATERFLOW DELAY (SECONDS)	2364	
PRESIGNAL DELAY (MINUTES)	2365	
TELCO LINE TEST DELAY (SECONDS)	2366	

(F)

TIMEOUTS	x16	x1
GUARD-TOUR PERIOD (MINUTES)	3065	
SENSOR WATCH (DISARMED DAYS)	3066	
NUMBER OF RINGS BEFORE PICKUP	3067	

(RESERVED)	3068
CLEAR PROGRAM*	3069

LOAD BURGLARY DEFAULT PROGRAM*	3071
LOAD FIRE DEFAULT PROGRAM*	3072

*SET LOCATION; PRESS [ON/OFF]
*CF5530 = Fire Board

SYSTEM OPTIONS

<u>2367</u>		
		(1)
DISABLE FIRE RESET, AREA 5	1 (1)	DISABLE FIRE RESET, AREA 1
DISABLE FIRE RESET, AREA 6	2 2	DISABLE FIRE RESET, AREA 2
DISABLE FIRE RESET, AREA 7	4 4	DISABLE FIRE RESET, AREA 3
DISABLE FIRE RESET, AREA 8	8 8	DISABLE FIRE RESET, AREA 4
<u>2368</u>		
ENABLE WATCH, AREA 5	1 1	ENABLE WATCH, AREA 1
ENABLE WATCH, AREA 6	2 2	ENABLE WATCH, AREA 2
ENABLE WATCH, AREA 7	4 4	ENABLE WATCH, AREA 3
ENABLE WATCH, AREA 8	8 8	ENABLE WATCH, AREA 4
<u>2369</u>		
ENABLE REPORTING TO PCD3000	1 1	OPENING REPORT ONLY AFTER ALARM REPORT
ANSWERING-MACHINE P/U W/O LINE SEIZURE	2 2	CLOSING ONLY ON FORCE ARM (AUTO-BYPASS)
DISABLE AUTO-UNBYPASS ON DISARMING	4 4	INCL SEL/GRP BYPASS IN FORCE ARM STATUS
BYPASS FAULTED ZONES	8 8	STATUS REPORT (AUTO-BYP ZONES ON CLOS.)
<u>2370</u>		
ACCESS CONTROL (PANEL) ON AUX. RELAY	1 1	AUTO BELL TEST ON ARMING
ENABLE ENTRY WARNING BELL CHIRP	2 2	AUTO RESET AFTER BURG OUTPUT TIMEOUT
ENABLE MANAGER'S MODE	4 4	SUPPRESS "BYPASS" REMINDER WHEN ARMED
START EXIT DELAY AFTER RINGBACK	8 8	ENABLE BROWNOUT LIMITS ON AC FAIL
<u>2371</u>		
DISABLE FUNCTION-MODE DOWNLOAD	1 1	INTERIOR 1 NORMALLY BYPASSED
DISABLE CALLBACK DOWNLOAD	2 2	ENABLE EXIT-DELAY RESTART
DISABLE ANSWERING-MACHINE DOWNLOAD	4 4	RESET DAY ZONE WITH ARM/DISARM ONLY
DISABLE AUTO-RESET ON DAY ZONE	8 8	ENABLE LCL ALARM ON 1ST ZONE "AND" TRIP
<u>2372</u>		
		(C)
ENABLE SECOND PHONE LINE	1 1	BELL CUTOFF W/WATERFLOW ZONE IN ALARM
ENABLE LINE-1 FAULT TEST	2 2	ENABLE GROUND-FAULT PROTECTION
ENABLE LINE-2 FAULT TEST	4 (4)	DISABLE CODE ENTRY FOR FUNC MODE LVL 1
PULSE SUPERVISED BELL OUTPUT	8 (8)	DISABLE CODE ENTRY FOR EASY BYPASS
<u>2373</u>		
(RESERVED)	1	ENABLE CF5530
(RESERVED)	2	AUTO-RESET WATERFLOW ZONES
DISABLE AUTO STATUS	4	(RESERVED)
DISABLE CODE ENTRY FOR INFO MODE	8	(RESERVED)

FIRE-KEYPAD ("CF") AREA
ALL KEYPADS IN FIRE AREA MUST BE "CF" TYPE.

2374		
FIRE, AREA 5	1	1 FIRE, AREA 1
FIRE, AREA 6	2	2 FIRE, AREA 2
FIRE, AREA 7	4	4 FIRE, AREA 3
FIRE, AREA 8	8	8 FIRE, AREA 4

BUS-2 AREA (FOR CF5530 ONLY)
ALL KEYPADS IN AREA MUST BE WIRED TO BUS 2.

2375		
ALL KEYPADS IN AREA 5 ON BUS 2	1	1 ALL KEYPADS IN AREA 1 ON BUS 2
ALL KEYPADS IN AREA 6 ON BUS 2	2	2 ALL KEYPADS IN AREA 2 ON BUS 2
ALL KEYPADS IN AREA 7 ON BUS 2	4	4 ALL KEYPADS IN AREA 3 ON BUS 2
ALL KEYPADS IN AREA 8 ON BUS 2	8	8 ALL KEYPADS IN AREA 4 ON BUS 2

KEYPAD AREA ASSIGNMENTS

KEYPAD	ADDRESS	AREA*
1	2376	
2	2377	
3	2378	
4	2379	
5	2380	
6	2381	
7	2382	
8	2383	
9	2384	
10	2385	
11	2386	
12	2387	
13	2388	
14	2389	
15	2390	

(1)

*ENTER "4" FOR FIRE ("CF") KEYPAD ENTER AREA NUMBER "1" - "8"

KEYPAD FEATURES

KEYPAD	AMBUSH	EASY ARMING	PANEL ACCESS	TOUR STATION	ADDR	KEYPAD FIRE	KEYPAD AUX.	KEYPAD PANIC	ACCESS ONLY*
KEYPAD 1	1	2	4	8	2391	1	2	4	8
KEYPAD 2	1	2	4	8	2392	1	2	4	8
KEYPAD 3	1	2	4	8	2393	1	2	4	8
KEYPAD 4	1	2	4	8	2394	1	2	4	8
KEYPAD 5	1	2	4	8	2395	1	2	4	8
KEYPAD 6	1	2	4	8	2396	1	2	4	8
KEYPAD 7	1	2	4	8	2397	1	2	4	8
KEYPAD 8	1	2	4	8	2398	1	2	4	8
KEYPAD 9	1	2	4	8	2399	1	2	4	
KEYPAD 10	1	2	4	8	2400	1	2	4	
KEYPAD 11	1	2	4	8	2401	1	2	4	
KEYPAD 12	1	2	4	8	2402	1	2	4	
KEYPAD 13	1	2	4	8	2403	1	2	4	
KEYPAD 14	1	2	4	8	2404	1	2	4	
KEYPAD 15	1	2	4	8	2405	1	2	4	

*MAY BE USED FOR ACCESS-CONTROL ONLY -- NO ARM/DISARM CAPABILITY.

ENABLE USER CODE BY AREA

USER	AREA				ADDR	AREA				ADDR	AREA				ADDR	AREA				ADDR									
	8	7	6	5		4	3	2	1		8	7	6	5		4	3	2	1		8	7	6	5	4	3	2	1	
01	8	4	2	1	2406	8	4	2	1	33	8	4	2	1	2438	8	4	2	1	65	8	4	2	1	2470	8	4	2	1
02	8	4	2	1	2407	8	4	2	1	34	8	4	2	1	2439	8	4	2	1	66	8	4	2	1	2471	8	4	2	1
03	8	4	2	1	2408	8	4	2	1	35	8	4	2	1	2440	8	4	2	1	67	8	4	2	1	2472	8	4	2	1
04	8	4	2	1	2409	8	4	2	1	36	8	4	2	1	2441	8	4	2	1	68	8	4	2	1	2473	8	4	2	1
05	8	4	2	1	2410	8	4	2	1	37	8	4	2	1	2442	8	4	2	1	69	8	4	2	1	2474	8	4	2	1
06	8	4	2	1	2411	8	4	2	1	38	8	4	2	1	2443	8	4	2	1	70	8	4	2	1	2475	8	4	2	1
07	8	4	2	1	2412	8	4	2	1	39	8	4	2	1	2444	8	4	2	1	71	8	4	2	1	2476	8	4	2	1
08	8	4	2	1	2413	8	4	2	1	40	8	4	2	1	2445	8	4	2	1	72	8	4	2	1	2477	8	4	2	1
09	8	4	2	1	2414	8	4	2	1	41	8	4	2	1	2446	8	4	2	1	73	8	4	2	1	2478	8	4	2	1
10	8	4	2	1	2415	8	4	2	1	42	8	4	2	1	2447	8	4	2	1	74	8	4	2	1	2479	8	4	2	1
11	8	4	2	1	2416	8	4	2	1	43	8	4	2	1	2448	8	4	2	1	75	8	4	2	1	2480	8	4	2	1
12	8	4	2	1	2417	8	4	2	1	44	8	4	2	1	2449	8	4	2	1	76	8	4	2	1	2481	8	4	2	1
13	8	4	2	1	2418	8	4	2	1	45	8	4	2	1	2450	8	4	2	1	77	8	4	2	1	2482	8	4	2	1
14	8	4	2	1	2419	8	4	2	1	46	8	4	2	1	2451	8	4	2	1	78	8	4	2	1	2483	8	4	2	1
15	8	4	2	1	2420	8	4	2	1	47	8	4	2	1	2452	8	4	2	1	79	8	4	2	1	2484	8	4	2	1
16	8	4	2	1	2421	8	4	2	1	48	8	4	2	1	2453	8	4	2	1	80	8	4	2	1	2485	8	4	2	1
17	8	4	2	1	2422	8	4	2	1	49	8	4	2	1	2454	8	4	2	1	81	8	4	2	1	2486	8	4	2	1
18	8	4	2	1	2423	8	4	2	1	50	8	4	2	1	2455	8	4	2	1	82	8	4	2	1	2487	8	4	2	1
19	8	4	2	1	2424	8	4	2	1	51	8	4	2	1	2456	8	4	2	1	83	8	4	2	1	2488	8	4	2	1
20	8	4	2	1	2425	8	4	2	1	52	8	4	2	1	2457	8	4	2	1	84	8	4	2	1	2489	8	4	2	1
21	8	4	2	1	2426	8	4	2	1	53	8	4	2	1	2458	8	4	2	1	85	8	4	2	1	2490	8	4	2	1
22	8	4	2	1	2427	8	4	2	1	54	8	4	2	1	2459	8	4	2	1	86	8	4	2	1	2491	8	4	2	1
23	8	4	2	1	2428	8	4	2	1	55	8	4	2	1	2460	8	4	2	1	87	8	4	2	1	2492	8	4	2	1
24	8	4	2	1	2429	8	4	2	1	56	8	4	2	1	2461	8	4	2	1	88	8	4	2	1	2493	8	4	2	1
25	8	4	2	1	2430	8	4	2	1	57	8	4	2	1	2462	8	4	2	1	89	8	4	2	1	2494	8	4	2	1
26	8	4	2	1	2431	8	4	2	1	58	8	4	2	1	2463	8	4	2	1	90	8	4	2	1	2495	8	4	2	1
27	8	4	2	1	2432	8	4	2	1	59	8	4	2	1	2464	8	4	2	1	91	8	4	2	1	2496	8	4	2	1
28	8	4	2	1	2433	8	4	2	1	60	8	4	2	1	2465	8	4	2	1	92	8	4	2	1	2497	8	4	2	1
29	8	4	2	1	2434	8	4	2	1	61	8	4	2	1	2466	8	4	2	1	93	8	4	2	1	2498	8	4	2	1
30	8	4	2	1	2435	8	4	2	1	62	8	4	2	1	2467	8	4	2	1	94	8	4	2	1	2499	8	4	2	1
31	8	4	2	1	2436	8	4	2	1	63	8	4	2	1	2468	8	4	2	1	95	8	4	2	1	2500	8	4	2	1
32	8	4	2	1	2437	8	4	2	1	64	8	4	2	1	2469	8	4	2	1	96	8	4	2	1	2501	8	4	2	1

EZM TYPE: [**] = NOT USED; [*1] = BURG; [81] = BUS-2 BURG

GROUP>	1	2	3	4	5	6	7	8
ZONES>	9,10,11,12	13,14,15,16	17,18,19,20	21,25,25,24	21,26,27,28	29,30,31,32	33,34,35,36	37,38,39,40
	2502	2503	2504	2505	2506	2507	2508	2509
GROUP>	9	10	11	12	13	14	15	16
ZONES>	41,42,43,44	45,46,47,48	49,50,51,52	53,54,55,56	57,58,59,60	61,62,63,64	65,66,67,68	69,70,71,72
	2510	2511	2512	2513	2514	2515	2516	2517
GROUP>	17	18	19	20	21	22		
ZONES>	73,74,75,76	77,78,79,80	81,82,83,84	85,86,87,88	89,90,91,92	93,94,95,96		
	2518	2519	2520	2521	2522	2523		

EZM PGM ARMED TERMINAL CONTROL

GROUP	AREA				ADDR	AREA			
	8	7	6	5		4	3	2	1
1	8	4	2	1	2524	8	4	2	1
2	8	4	2	1	2525	8	4	2	1
3	8	4	2	1	2526	8	4	2	1
4	8	4	2	1	2527	8	4	2	1
5	8	4	2	1	2528	8	4	2	1
6	8	4	2	1	2529	8	4	2	1
7	8	4	2	1	2530	8	4	2	1
8	8	4	2	1	2531	8	4	2	1
9	8	4	2	1	2532	8	4	2	1
10	8	4	2	1	2533	8	4	2	1
11	8	4	2	1	2534	8	4	2	1

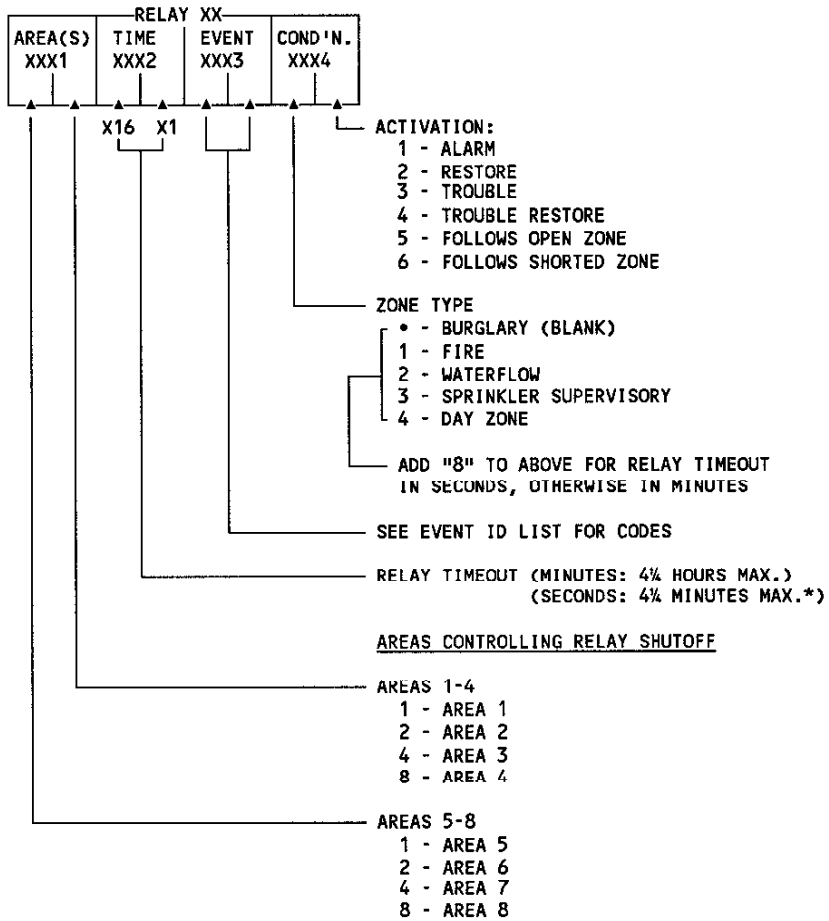
GROUP	AREA				ADDR	AREA			
	8	7	6	5		4	3	2	1
12	8	4	2	1	2535	8	4	2	1
13	8	4	2	1	2536	8	4	2	1
14	8	4	2	1	2537	8	4	2	1
15	8	4	2	1	2538	8	4	2	1
16	8	4	2	1	2539	8	4	2	1
17	8	4	2	1	2540	8	4	2	1
18	8	4	2	1	2541	8	4	2	1
19	8	4	2	1	2542	8	4	2	1
20	8	4	2	1	2543	8	4	2	1
21	8	4	2	1	2544	8	4	2	1
22	8	4	2	1	2545	8	4	2	1

BELL CONTROL

TURNS OFF ALARM ON AREA▶	AREA 1			AREA 2			AREA 3			AREA 4		
	8 7 6 5	ADDR	4 3 2 1	8 7 6 5	ADDR	4 3 2 1	8 7 6 5	ADDR	4 3 2 1	8 7 6 5	ADDR	4 3 2 1
BURGLARY OUTPUT	8 4 2 1	2738	8 4 2(1)	8 4 2 1	2739	8 4 2 1	8 4 2 1	2740	8 4 2 1	8 4 2 1	2741	8 4 2 1
BURGLARY-PULSE OUTPUT	8 4 2 1	2746	8 4 2(1)	8 4 2 1	2747	8 4 2 1	8 4 2 1	2748	8 4 2 1	8 4 2 1	2749	8 4 2 1
FIRE OUTPUT	8 4 2 1	2754	8 4 2(1)	8 4 2 1	2755	8 4 2 1	8 4 2 1	2756	8 4 2 1	8 4 2 1	2757	8 4 2 1
RESET RELAY	8 4 2 1	2762	8 4 2 1	8 4 2 1	2763	8 4 2 1	8 4 2 1	2764	8 4 2 1	8 4 2 1	2765	8 4 2 1
AUXILIARY RELAY	8 4 2 1	2770	8 4 2 1	8 4 2 1	2771	8 4 2 1	8 4 2 1	2772	8 4 2 1	8 4 2 1	2773	8 4 2 1
CF5530 SUPV. RELAY	8 4 2 1	2778	8 4 2 1	8 4 2 1	2779	8 4 2 1	8 4 2 1	2780	8 4 2 1	8 4 2 1	2781	8 4 2 1
CF5530 AUX RELAY 1	8 4 2 1	2786	8 4 2 1	8 4 2 1	2787	8 4 2 1	8 4 2 1	2788	8 4 2 1	8 4 2 1	2789	8 4 2 1
CF5530 AUX RELAY 2	8 4 2 1	2794	8 4 2 1	8 4 2 1	2795	8 4 2 1	8 4 2 1	2796	8 4 2 1	8 4 2 1	2797	8 4 2 1

TURNS OFF ALARM ON AREA▶	AREA 5			AREA 6			AREA 7			AREA 8		
	8 7 6 5	ADDR	4 3 2 1	8 7 6 5	ADDR	4 3 2 1	8 7 6 5	ADDR	4 3 2 1	8 7 6 5	ADDR	4 3 2 1
BURGLARY OUTPUT	8 4 2 1	2742	8 4 2 1	8 4 2 1	2743	8 4 2 1	8 4 2 1	2744	8 4 2 1	8 4 2 1	2745	8 4 2 1
BURGLARY-PULSE OUTPUT	8 4 2 1	2750	8 4 2 1	8 4 2 1	2751	8 4 2 1	8 4 2 1	2752	8 4 2 1	8 4 2 1	2753	8 4 2 1
FIRE OUTPUT	8 4 2 1	2758	8 4 2 1	8 4 2 1	2759	8 4 2 1	8 4 2 1	2760	8 4 2 1	8 4 2 1	2761	8 4 2 1
RESET RELAY	8 4 2 1	2766	8 4 2 1	8 4 2 1	2767	8 4 2 1	8 4 2 1	2768	8 4 2 1	8 4 2 1	2769	8 4 2 1
AUXILIARY RELAY	8 4 2 1	2774	8 4 2 1	8 4 2 1	2775	8 4 2 1	8 4 2 1	2776	8 4 2 1	8 4 2 1	2777	8 4 2 1
CF5530 SUPV. RELAY	8 4 2 1	2782	8 4 2 1	8 4 2 1	2783	8 4 2 1	8 4 2 1	2784	8 4 2 1	8 4 2 1	2785	8 4 2 1
CF5530 AUX RELAY 1	8 4 2 1	2790	8 4 2 1	8 4 2 1	2791	8 4 2 1	8 4 2 1	2792	8 4 2 1	8 4 2 1	2793	8 4 2 1
CF5530 AUX RELAY 2	8 4 2 1	2798	8 4 2 1	8 4 2 1	2799	8 4 2 1	8 4 2 1	2800	8 4 2 1	8 4 2 1	2801	8 4 2 1

REMOTE RELAY CONTROL



*DO NOT PROGRAM TIMEOUTS LESS THAN 3 SECONDS.

REMOTE RELAYS

RELAY 01				RELAY 02				RELAY 03				RELAY 04			
AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE
2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817

RELAY 05				RELAY 06				RELAY 07				RELAY 08			
AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE
2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833

RELAY 09				RELAY 10				RELAY 11				RELAY 12			
AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE
2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849

RELAY 13				RELAY 14				RELAY 15				RELAY 16			
AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE
2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865

RELAY 17				RELAY 18				RELAY 19				RELAY 20			
AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE
2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881

RELAY 21				RELAY 22				RELAY 23				RELAY 24			
AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE
2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897

RELAY 25				RELAY 26				RELAY 27				RELAY 28			
AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE
2898	2899	2900	2901	2902	2903	2904	2905	2906	2907	2908	2909	2910	2911	2912	2913

RELAY 29				RELAY 30				RELAY 31				RELAY 32			
AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE
2914	2915	2916	2917	2918	2919	2920	2921	2922	2923	2924	2925	2926	2927	2928	2929

RELAY 33				RELAY 34				RELAY 35				RELAY 36			
AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE
2930	2931	2932	2933	2934	2935	2936	2937	2938	2939	2940	2941	2942	2943	2944	2945

RELAY 37				RELAY 38				RELAY 39				RELAY 40			
AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE
2946	2947	2948	2949	2950	2951	2952	2953	2954	2955	2956	2957	2958	2959	2960	2961

RELAY 41				RELAY 42				RELAY 43				RELAY 44			
AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE
2962	2963	2964	2965	2966	2967	2968	2969	2970	2971	2972	2973	2974	2975	2976	2977

RELAY 45				RELAY 46				RELAY 47				RELAY 48			
AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE
2978	2979	2980	2981	2982	2983	2984	2985	2986	2987	2988	2989	2990	2991	2992	2993

REMOTE RELAYS

RELAY 49				RELAY 50				RELAY 51				RELAY 52			
AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE
2994	2995	2996	2997	2998	2999	3000	3001	3002	3003	3004	3005	3006	3007	3008	3009

RELAY 53				RELAY 54				RELAY 55				RELAY 56			
AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE
3010	3011	3012	3013	3014	3015	3016	3017	3018	3019	3020	3021	3022	3023	3024	3025

RELAY 57				RELAY 58				RELAY 59				RELAY 60			
AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE
3026	3027	3028	3029	3030	3031	3032	3033	3034	3035	3036	3037	3038	3039	3040	3041

RELAY 61				RELAY 62				RELAY 63				RELAY 64			
AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE	AREA(S)	TIME	EVENT	TYPE
3042	3043	3044	3045	3046	3047	3048	3049	3050	3051	3052	3053	3054	3055	3056	3057

ACCESS LOGGING

3058		
ENABLE KEYPAD 5	1	1 ENABLE KEYPAD 1
ENABLE KEYPAD 6	2	2 ENABLE KEYPAD 2
ENABLE KEYPAD 7	4	4 ENABLE KEYPAD 3
ENABLE KEYPAD 8	8	8 ENABLE KEYPAD 4

PRIORITY AREA ARMING

ARMING AREA ▼	PRIORITY AREA									
	8	7	6	5	ADDR	4	3	2	1	
AREA 1	8	4	2	1	3081	8	4	2	1	
AREA 2	8	4	2	1	3082	8	4	2	1	
AREA 3	8	4	2	1	3083	8	4	2	1	
AREA 4	8	4	2	1	3084	8	4	2	1	
AREA 5	8	4	2	1	3085	8	4	2	1	
AREA 6	8	4	2	1	3086	8	4	2	1	
AREA 7	8	4	2	1	3087	8	4	2	1	
AREA 8	8	4	2	1	3088	8	4	2	1	

EVENT ID CODES

•• - AREA 1 ARM/DISARM	4• - ZONE 57	8• - AREA 4 KEYPAD AMBUSH	C• - KEYPAD FAIL
•1 - AREA 2 ARM/DISARM	41 - ZONE 58	81 - AREA 4 KEYPAD PANIC	C1 - EZM FAIL
•2 - AREA 3 ARM/DISARM	42 - ZONE 59	82 - AREA 4 KEYPAD FIRE	C2 - QUICKLOADER DEVICE CONTROL
•3 - AREA 4 ARM/DISARM	43 - ZONE 63	83 - AREA 4 KEYPAD MEDICAL	C3 - SYSTEM SHUTDOWN
•4 - AREA 5 ARM/DISARM	44 - ZONE 61	84 - AREA 4 KEYPAD TAMPER	C4 - QUICKLOADER KEYPAD RESET
•5 - AREA 6 ARM/DISARM	45 - ZONE 62	85 - AREA 4 FAIL TO OPEN	C5 - (RESERVED)
•6 - AREA 7 ARM/DISARM	46 - ZONE 63	86 - AREA 4 FAIL TO CLOSE	C6 - (RESERVED)
•7 - AREA 8 ARM/DISARM	47 - ZONE 64	87 - AREA 4 (RESERVED)	C7 - (RESERVED)
•8 - ZONE 1	48 - ZONE 65	88 - AREA 5 KEYPAD AMBUSH	C8 - (RESERVED)
•9 - ZONE 2	49 - ZONE 66	89 - AREA 5 KEYPAD PANIC	C9 - (RESERVED)
•0 - ZONE 3	40 - ZONE 67	80 - AREA 5 KEYPAD FIRE	CA - (RESERVED)
•B - ZONE 4	4B - ZONE 68	8B - AREA 5 KEYPAD MEDICAL	CB - (RESERVED)
•C - ZONE 5	4C - ZONE 69	8C - AREA 5 KEYPAD TAMPER	CC - (RESERVED)
•D - ZONE 6	4D - ZONE 70	8D - AREA 5 FAIL TO OPEN	CD - (RESERVED)
•E - ZONE 7	4E - ZONE 71	8E - AREA 5 FAIL TO CLOSE	CE - (RESERVED)
•F - ZONE 8	4F - ZONE 72	8F - AREA 5 (RESERVED)	CF - (RESERVED)
1• - ZONE 9	5• - ZONE 73	9• - AREA 6 KEYPAD AMBUSH	D• - (RESERVED)
11 - ZONE 10	51 - ZONE 74	91 - AREA 6 KEYPAD PANIC	D1 - (RESERVED)
12 - ZONE 11	52 - ZONE 75	92 - AREA 6 KEYPAD FIRE	D2 - (RESERVED)
13 - ZONE 12	53 - ZONE 76	93 - AREA 6 KEYPAD MEDICAL	D3 - (RESERVED)
14 - ZONE 13	54 - ZONE 77	94 - AREA 6 KEYPAD TAMPER	D4 - (RESERVED)
15 - ZONE 14	55 - ZONE 78	95 - AREA 6 FAIL TO OPEN	D5 - (RESERVED)
16 - ZONE 15	56 - ZONE 79	96 - AREA 6 FAIL TO CLOSE	D6 - (RESERVED)
17 - ZONE 16	57 - ZONE 80	97 - AREA 6 (RESERVED)	D7 - (RESERVED)
18 - ZONE 17	58 - ZONE 81	98 - AREA 7 KEYPAD AMBUSH	D8 - (RESERVED)
19 - ZONE 18	59 - ZONE 82	99 - AREA 7 KEYPAD PANIC	D9 - (RESERVED)
10 - ZONE 19	50 - ZONE 83	90 - AREA 7 KEYPAD FIRE	DA - (RESERVED)
1B - ZONE 20	5B - ZONE 84	9B - AREA 7 KEYPAD MEDICAL	DB - (RESERVED)
1C - ZONE 21	5C - ZONE 85	9C - AREA 7 KEYPAD TAMPER	DC - (RESERVED)
1D - ZONE 22	5D - ZONE 86	9D - AREA 7 FAIL TO OPEN	DD - (RESERVED)
1E - ZONE 23	5E - ZONE 87	9E - AREA 7 FAIL TO CLOSE	DE - (RESERVED)
1F - ZONE 24	5F - ZONE 88	9F - AREA 7 (RESERVED)	DF - (RESERVED)
2• - ZONE 25	6• - ZONE 89	0• - AREA 8 KEYPAD AMBUSH	E• - (RESERVED)
21 - ZONE 26	61 - ZONE 90	01 - AREA 8 KEYPAD PANIC	E1 - (RESERVED)
22 - ZONE 27	62 - ZONE 91	02 - AREA 8 KEYPAD FIRE	E2 - (RESERVED)
23 - ZONE 28	63 - ZONE 92	03 - AREA 8 KEYPAD MEDICAL	E3 - (RESERVED)
24 - ZONE 29	64 - ZONE 93	04 - AREA 8 KEYPAD TAMPER	E4 - (RESERVED)
25 - ZONE 30	65 - ZONE 94	05 - AREA 8 FAIL TO OPEN	E5 - (RESERVED)
26 - ZONE 31	66 - ZONE 95	06 - AREA 8 FAIL TO CLOSE	E6 - (RESERVED)
27 - ZONE 32	67 - ZONE 96	07 - AREA 8 (RESERVED)	E7 - (RESERVED)
28 - ZONE 33	68 - AREA 1 KEYPAD AMBUSH	08 - TEST TIMER	E8 - (RESERVED)
29 - ZONE 34	69 - AREA 1 KEYPAD PANIC	09 - FIRE BELL SUPERVISORY	E9 - (RESERVED)
20 - ZONE 35	60 - AREA 1 KEYPAD FIRE	00 - BUS-1 FAIL	EA - (RESERVED)
2B - ZONE 36	6B - AREA 1 KEYPAD MEDICAL	0B - GUARDED RAM FAIL	EB - (RESERVED)
2C - ZONE 37	6C - AREA 1 KEYPAD TAMPER	0C - LOW BATTERY	EC - (RESERVED)
2D - ZONE 38	6D - AREA 1 FAIL TO OPEN	0D - AC FAIL	ED - (RESERVED)
2E - ZONE 39	6E - AREA 1 FAIL TO CLOSE	0E - EZM TAMPER	EE - (RESERVED)
2F - ZONE 40	6F - AREA 1 (RESERVED)	0F - SENSOR WATCH	EF - (RESERVED)
3• - ZONE 41	7• - AREA 2 KEYPAD AMBUSH	B• - TELCO 1 FAULT	F• - AREA 1
31 - ZONE 42	71 - AREA 2 KEYPAD PANIC	B1 - TELCO 2 FAULT	F1 - AREA 2
32 - ZONE 43	72 - AREA 2 KEYPAD FIRE	B2 - LOW BATTERY, FEZM	F2 - AREA 3
33 - ZONE 44	73 - AREA 2 KEYPAD MEDICAL	B3 - AC FAIL, FEZM	F3 - AREA 4
34 - ZONE 45	74 - AREA 2 KEYPAD TAMPER	B4 - TAMPER, FEZM	F4 - AREA 5
35 - ZONE 46	75 - AREA 2 FAIL TO OPEN	B5 - GROUND FAULT, FEZM	F5 - AREA 6
36 - ZONE 47	76 - AREA 2 FAIL TO CLOSE	B6 - GROUND FAULT, PANEL	F6 - AREA 7
37 - ZONE 48	77 - AREA 2 (RESERVED)	B7 - SIGNAL CKT FAULT, FEZM	F7 - AREA 8
38 - ZONE 49	78 - AREA 3 KEYPAD AMBUSH	B8 - DIGITAL DIALER TEST	F8 - GENERAL SYSTEM ALARM
39 - ZONE 50	79 - AREA 3 KEYPAD PANIC	B9 - GUARD-TOUR FAIL	F9 - (RESERVED)
30 - ZONE 51	70 - AREA 3 KEYPAD FIRE	B0 - BUS-2 FAIL	FA - (RESERVED)
3A - ZONE 52	7A - AREA 3 KEYPAD MEDICAL	BA - SERVICE MESSAGE	FB - (RESERVED)
3C - ZONE 53	7C - AREA 3 KEYPAD TAMPER	BC - (RESERVED)	FC - (RESERVED)
3D - ZONE 54	7D - AREA 3 FAIL TO OPEN	BD - (RESERVED)	FD - (RESERVED)
3E - ZONE 55	7E - AREA 3 FAIL TO CLOSE	BE - (RESERVED)	FE - (RESERVED)
3F - ZONE 56	7F - AREA 3 (RESERVED)	BF - (RESERVED)	FF - (RESERVED)

NOTE: FOR ALL EVENT ID CODES, "•" REPRESENTS A BLANK; "0" REPRESENTS AN "A".