

CADDX 9040 OPERATOR INSTALLATION MANUAL

TABLE OF CONTENTS

1. GENERAL DESCRIPTION	P. 2
2. BUSS ADDRESS	P. 2
3. THE OPERATOR TERMINAL DESCRIPTION	P. 2
4. PROGRAMMING MODE	P. 3
5. PROGRAMMING ZONES & OUTPUTS	P. 3
6. PROGRAMMING LIBRARY	P. 4
7. PROGRAMMING WORKSHEET (LOCATIONS 0-49)	P. 5
8. PROGRAMMING WORKSHEET (LOCATIONS 50 - 67)	P. 6
9. THE OPERATOR TERMINAL DRAWING	P. 6
10. WARRANTY	P. 7

CADDX-CADDI CONTROLS INC.

GLADEWATER, TEXAS

1-800-727-2339

CADDX 9040 OPERATOR

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04 H H #



General Description

The CADDX 9040 Operator is a microcomputer controlled telephone interface module that may be added to Ranger control panels. The Operator converts any Touchtone™ telephone to a system keypad and allows system functions to be accessed via telephone on-premise or off-site. There are 32 separate zone descriptions that may be programmed to fit the owner's need and in addition the X-10 function (Requires Powerhouse™ 513 Interface Module) has 16 outputs that have programmable descriptions. Each zone/output description is programmable using a variety of 196 words from the Library List (see page 4).

BUSS Address

The buss address applies only to the 9000E only. Buss address is at Location 51 with 0 - 7 addresses for each location.

Device Number	Location 51
1	0
2	1
3	2
4	3
5	4
6	5
7	6

THE OPERATOR TERMINAL DESCRIPTION

TERMINAL	DESCRIPTION
+12	12 VDC power input from control panel. (12 volts DC power at 135 mA)
GND	Auxiliary power negative (must be home run to control panel).
DATA	Keypad buss data terminal (must be home run to control panel).
CLK	Keypad buss clock terminal (must be home run to control panel).
R1	(R1) House Telephone Ring (gray)
T1	(T1) House Telephone Tip (brown)
R	Connect to R1 on control panel
T	Connect to T1 on control panel

PROGRAM MODE

The program mode is accessed by telephone by pressing the "Go To Program Switch" on the 9040. Once in the program mode, the Operator will read the programmed data for location 0 (Zone 1 message). To advance from location 0 through 66 (one location at a time), press the [#] key. To go to a specific location, enter the location number followed by the [#] key.

NOTE: You must always use the house (Touchtone) telephone to program the 9040.

To program a word in a location, enter the number associated with that word from the Library (page 4) followed by the star [*] key. The Operator will then read back the message entered thus far. Continue with the next word for that location (max 8 words for each location). To end the message, press the [#] key. If a programming error is made, return to that location by entering the location number followed by the [#] key and re-enter the programmed message. Data is changed by entering a number (from Library) followed by the star [*] key. When the [#] key is pressed, the Operator will advance to the next location and "speak" that location.

IMPORTANT: The following are reserved function codes:

[9][1][0][#] Load factory defaults

[9][3][0][#] Exit program mode

PROGRAMMING THE ZONES AND OUTPUTS

Locations 0 thru 31 contain the programming data for voice descriptions (characteristics) of zones 1 - 32. Each of the 32 locations/zones have a programmable message of 8 words maximum for each location.

Locations 32 - 47 contain the programmable data for voice descriptions (characteristics) of the sixteen possible X-10 outputs. These locations have a programmable message of 8 words maximum for each location.

Location 48 - Number of rings the Operator will wait before answering the telephone (valid entry 0-15).

Location 49 - House address for X-10 device. Valid entry is 1 for A - through - 16 for P.

Location 50 - Zone types should match zone types in your control panel (9000E models are updated automatically).

Location 51 - Only applies to 9000E and is the address of this device (normally left at 0).

Location 52 - Enables Emergency Keypad activation (Fire, Medical, and Panic). Program a "0" to disable these features. Factory default is "1", these features enabled. See User's Manual for use of these features.

Location 53-67 - The 4-digit system codes are used to access the Operator. If the Operator is installed, all code changes must be done via phone keypad (except on 9000E) to insure identical codes with the Operator and main system panel. The Operator will automatically change codes in the main panel, but if codes are not changed through the Operator, the Operator will not recognize them. Changes need be done through the Operator for this purpose. (Note: These locations are updated from the control arm/disarm codes on 9000E models.)

On initial installation, you must program all codes to match the codes in the control panel, except on 9000E.

NOTE: THE OPERATOR IS NOT COMPATIBLE WITH PARTITIONED SYSTEMS.

LIBRARY (NAME & NUMBER)

ZERO	0	CLOSING	59	MODE	118	UNBYPASS	177
ONE	1	CODE	60	MORE	119	UNBYPASSED	178
TWO	2	COMPLETE	61	MOTION	120	UP	179
THREE	3	CORRECT	62	MUST	121	USE	180
FOUR	4	DATE	63	NEW	122	UTILITY	181
FIVE	5	DELAY	64	NORTH	123	VALID	182
SIX	6	DEN	65	NOT	124	VAULT	183
SEVEN	7	DETECTOR	66	NOTE7 (TONE)	125	WAIT	184
EIGHT	8	DIGIT	67	NOTE8 (TONE)	126	WAREHOUSE	185
NINE	9	DINING	68	NOW	127	WEST	186
TEN	10	DISARM	69	NUMBER	128	WHEN	187
ELEVEN	11	DOOR	70	NURSERY	129	WINDOW	188
TWELVE	12	DOWN	71	OFF	130	WINDOWS	189
THIRTEEN	13	DURESS	72	OFFICE	131	WIRELESS	190
FOURTEEN	14	EAST	73	OLD	132	YARD	191
FIFTEEN	15	EMERGENCY	74	ON	133	YOU	192
SIXTEEN	16	ENTER	75	OPEN	134	YOUR	193
SEVENTEEN	17	EXIT	76	OPENING	135	ZONE	194
EIGHTEEN	18	EXPANDER	77	OUTPUT	136	ERROR	195
NINETEEN	19	EXTERIOR	78	PANIC	137		
TWENTY	20	FAILURE	79	PARTITION	138		
THIRTY	21	FOLLOWED	80	PHONE	139		
FORTY	22	FAMILY	81	PLEASE	140		
FIFTY	23	FAULT	82	POINT	141		
SIXTY	24	FAULTED	83	POUND	142		
SEVENTY	25	FINISHED	84	POWER	143		
EIGHTY	26	FIRE	85	PRESS	144		
NINETY	27	FORCE	86	READY	145		
HUNDRED	28	FRONT	87	REAR	146		
A	29	GAME	88	REMOVE	147		
ACCEPTED	30	GARAGE	89	RESET	148		
ACCESS	31	GAS	90	ROOM	149		
ACTIVE	32	GLASSBREAK	91	SAFE	150		
ALARM	33	GROUP	92	SECURE	151		
ALL	34	GUEST	93	SECURITY	152		
AND	35	HALL	94	SENSOR	153		
AREA	36	HANG	95	SET	154		
ARM	37	HAD	96	SHOCK	155		
ARMED	38	HAVE	97	SHOP	156		
ARMING	39	HEAT	98	SIDE	157		
ATTIC	40	HELP	99	SIREN	158		
AUDIO	41	HOME	100	SKYLIGHT	159		
AUTHORIZED	42	INSERT	101	SLIDING	160		
BACK	43	INSTANT	102	SMOKE	161		
BASEMENT	44	INTERIOR	103	SOUTH	162		
BATHROOM	45	IS	104	STAIRS	163		
BATTERY	46	KEY	105	STAR	164		
BE	47	KITCHEN	106	STATUS	165		
BEDROOM	48	LIBRARY	107	STORAGE	166		
BY	49	LIGHT	108	STUDY	167		
BYPASS	50	LINE	109	SYSTEM	168		
BYPASSED	51	LIVING	110	TAMPER	169		
CALL	52	LOST	111	TEMPERATURE	170		
CAN	53	LOW	112	THE	171		
CHANGE	54	MASTER	113	THIS	172		
CHIME	55	MEDICAL	114	TIME	173		
CHOOSE	56	MEMORY	115	TROUBLE	174		
CLOSE	57	MENU	116	TURN	175		
CLOSET	58	MESSAGE	117	TV	176		

Loc 83 = *

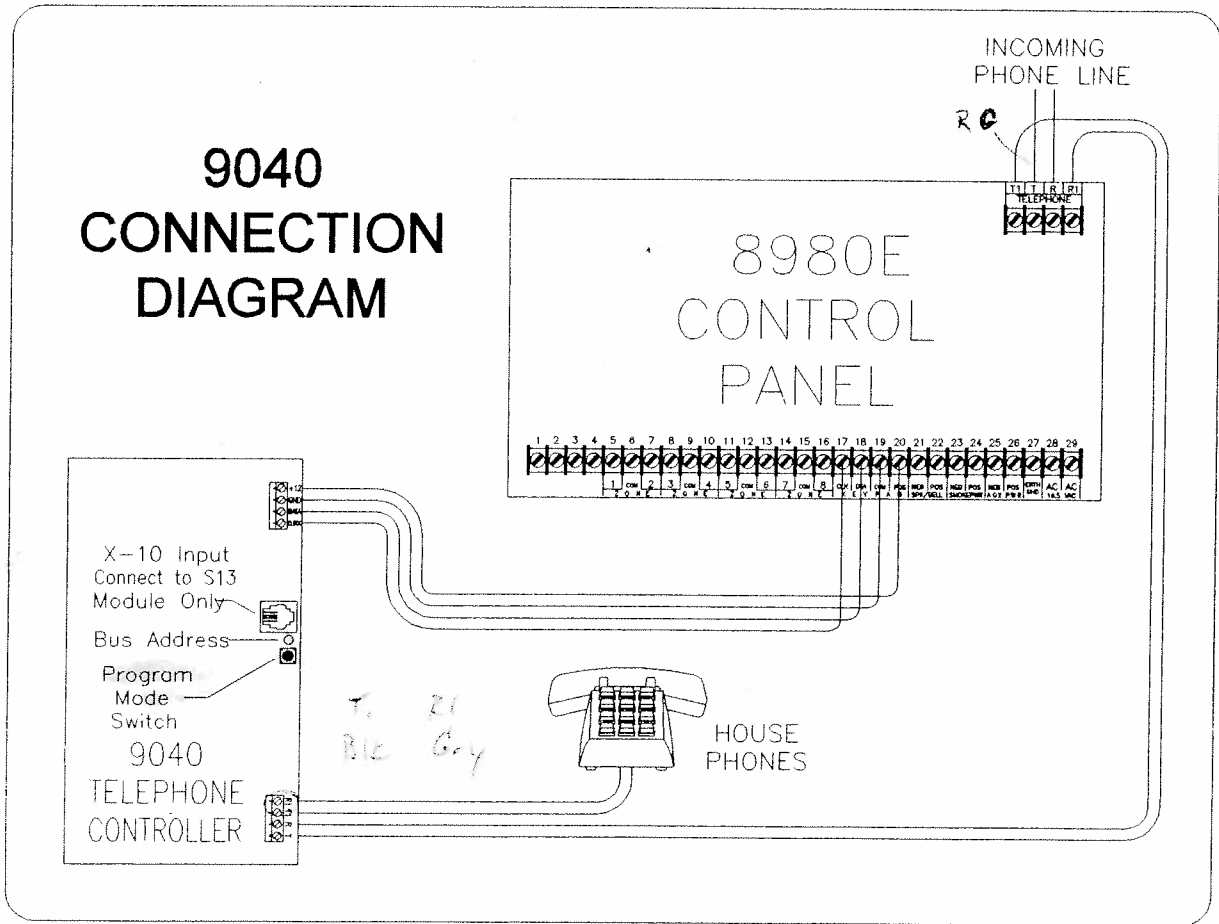
Loc 84 = #

PROGRAMMING WORKSHEETS

LOCATION	DESCRIPTION	DATA	DATA	DATA	DATA	DATA	DATA	DATA	DATA
0	ZONE 1	87	35	89	70				
1	ZONE 2								
2	ZONE 3								
3	ZONE 4								
4	ZONE 5								
5	ZONE 6								
6	ZONE 7								
7	ZONE 8								
8	ZONE 9								
9	ZONE 10								
10	ZONE 11								
11	ZONE 12								
12	ZONE 13								
13	ZONE 14								
14	ZONE 15								
15	ZONE 16								
16	ZONE 17								
17	ZONE 18								
18	ZONE 19								
19	ZONE 20								
20	ZONE 21								
21	ZONE 22								
22	ZONE 23								
23	ZONE 24								
24	ZONE 25								
25	ZONE 26								
26	ZONE 27								
27	ZONE 28								
28	ZONE 29								
29	ZONE 30								
30	ZONE 31								
31	ZONE 32								
32	OUTPUT 1								
33	OUTPUT 2								
34	OUTPUT 3								
35	OUTPUT 4								
36	OUTPUT 5								
37	OUTPUT 6								
38	OUTPUT 7								
39	OUTPUT 8								
40	OUTPUT 9								
41	OUTPUT 10								
42	OUTPUT 11								
43	OUTPUT 12								
44	OUTPUT 13								
45	OUTPUT 14								
46	OUTPUT 15								
47	OUTPUT 16								
48	NUMBER OF RINGS TO ANSWER								(DEFAULT 8)
49	X-10 HOUSE CODE								(DEFAULT 1)

LOCATION	DESCRIPTION	DATA	DATA	DATA	DATA	DATA	DATA	DATA	DATA
50	ZONE TYPES (DEFAULT 35666666)	3	6	6	6	6	6	6	6
51	BUSS ADDRESS								(DEFAULT 0)
52	KEYPAD PANIC ENABLE (1 DIGIT)								(DEFAULT 1)
53	MASTER ACCESS CODE (4 DIGIT)								(DEFAULT 1 2 3 4)
54	ACCESS CODE 2 (4 DIGIT)								
55	ACCESS CODE 3 (4 DIGIT)								
56	ACCESS CODE 4 (4 DIGIT)								
57	ACCESS CODE 5 (4 DIGIT)								
58	ACCESS CODE 6 (4 DIGIT)								
59	ACCESS CODE 7 (4 DIGIT)								
60	ACCESS CODE 8 (4 DIGIT)								
61	ACCESS CODE 9 (4 DIGIT)								
62	ACCESS CODE 10 (4 DIGIT)								
63	ACCESS CODE 11 (4 DIGIT)								
64	ACCESS CODE 12 (4 DIGIT)								
65	ACCESS CODE 13 (4 DIGIT)								
66	ACCESS CODE 14 (4 DIGIT)								
67	ACCESS CODE 15 (4 DIGIT)								

OPERATOR TERMINAL DRAWING



SPECIFICATIONS

OPERATING VOLTAGE	(Nominal), Supplied by Control Panel
CURRENT	Standby, 20mA Local Active, 135mA Remote Active, 25mA
CONTROL OUTPUTS	Sixteen X-10 Outputs w/ Programmable Descriptors
DIMENSIONS	4"W X 7"L X 1"H
TELEPHONE REQUIREMENT	TouchTone™ Telephones Only

FIVE YEAR LIMITED WARRANTY

CADDX-CADDI CONTROLS, INC. GUARANTEES THIS PRODUCT AGAINST DEFECTIVE PARTS AND WORKMANSHIP FOR TWENTY-FOUR (24) MONTHS FROM DATE OF MANUFACTURING. IF ANY DEFECT APPEARS DURING THE WARRANTY PERIOD RETURN IT TO CADDX, POSTAGE PREPAID. THE UNIT WILL BE REPAIRED AND RETURNED.

FOR THE REMAINING 36 MONTHS OF WARRANTY, THE UNIT WILL BE REPAIRED FOR A FEE NOT TO EXCEED \$10.00 PLUS SHIPPING AND HANDLING.

CADDX ASSUMES NO LIABILITY FOR CONSEQUENTIAL OR INDIRECT DAMAGE AND ACCEPTS NO RESPONSIBILITY FOR REPAIRING DAMAGE TO THE PRODUCT CAUSED BY MISUSE, CARELESS HANDLING, OR WHERE REPAIRS HAVE BEEN MADE BY OTHERS.

NO OTHER GUARANTEE, WRITTEN OR VERBAL, IS AUTHORIZED BY OR ON BEHALF OF CADDX-CADDI CONTROLS, INC., GLADEWATER, TEXAS

CADDX-CADDI CONTROLS, INC
1420 NORTH MAIN STREET
GLADEWATER, TEXAS 75647
TOLL FREE 800-727-2339
FAX 903-845-6811