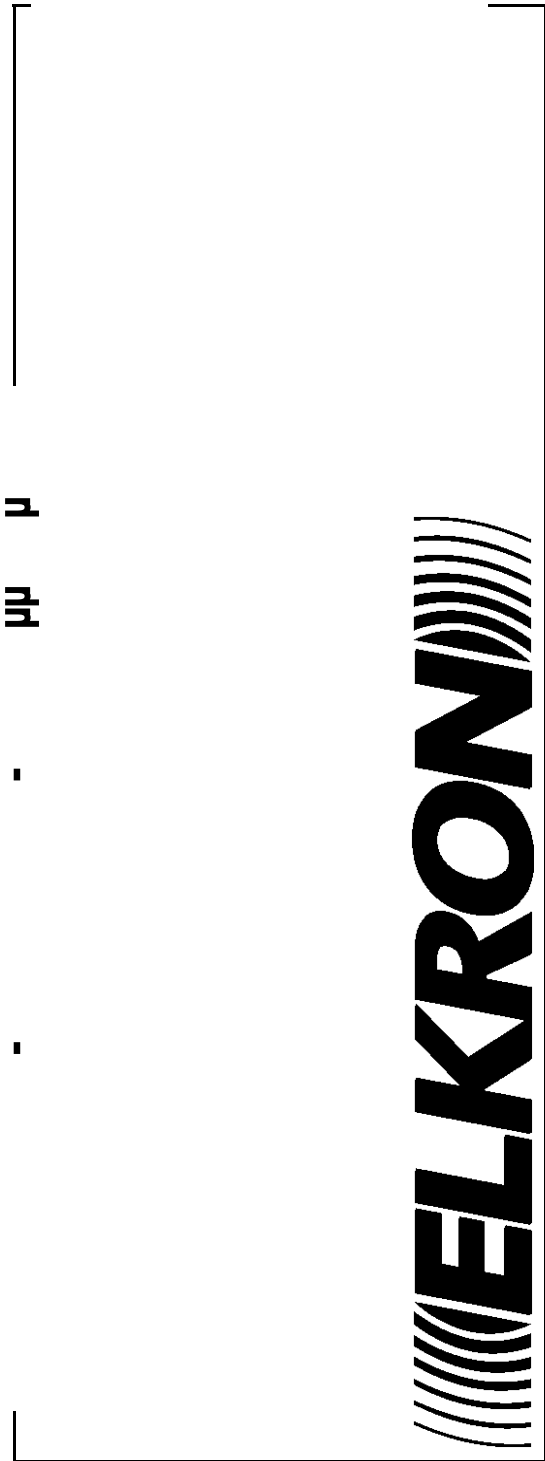


CR200



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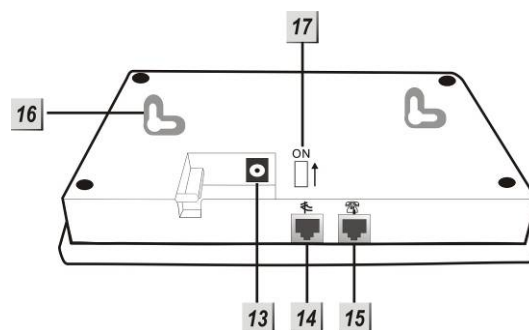
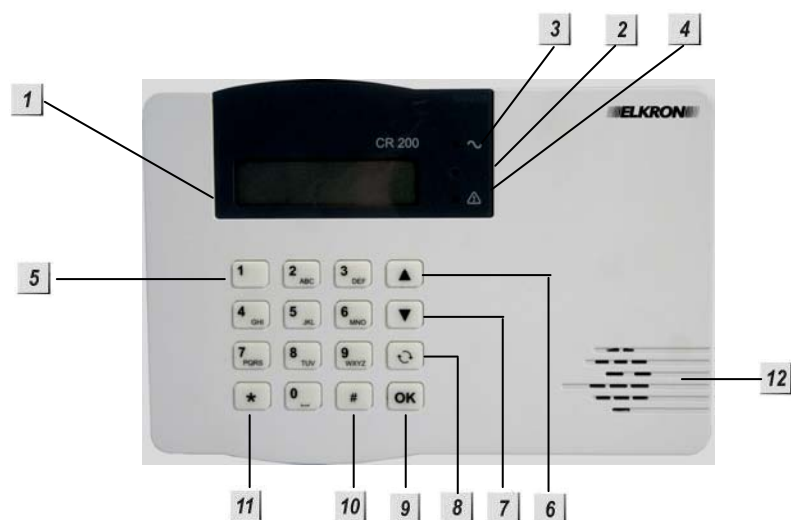
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1.1



1. LCD

2.

3. LED

AC; LED

4. LED

AC

5. Microphone

Microphone

6. Up arrow

7. Down arrow

8. Call button

9. OK button

10. # button

11. * button

12. Speaker grille

13. DC power input

14. "Line" status LED

15. "Phone" status LED

16. Mounting bracket

17. ON/OFF switch

18. Power button

19. Power button

20. Power button

21. Power button

22. Power button

23. Power button

24. Power button

25. Power button

26. Power button

27. Power button

28. Power button

29. Power button

30. Power button

31. Power button

1.2

230Vac.

DC 12V/500m

-
-
-
-
-

NOTE: CR200 LCD

1.3

DC,

-
-
-

Line.
Phone

1.4

μ μ μ , μ μ μ

μ

-
-
-

CR200 (μ μ μ μ)

1.5

μ , CR200

PIN

-
-
-

1234

PIN 2-4

MASTER

-
-
-

1111

MASTER.

MASTER.

-
-
-

7982

CR200

2

CR200, (Alarm off) (Installer menu)

1. *

PIN 1 :

	I	-	M	o	d	e	E	n	t	e	r	
	P	-	C	o	d	e	.	.	.	.	.

2. PIN 1 (1234), 10 :

	I	-	M	o	d	e	E	n	t	e	r	
	P	-	C	o	d	e	.	.	.	.	.

3. 7982 (), 10

4. OK, μ μ

	R	e	p	o	r	t	M	e	t	h	o	d	
	I	n	s	t	a	l	I	-	C	o	d	e	

:

- μ ▲&▼ μ , OK
- μ * μ
- 10 μ μ
Alarm Off

2.1

Reporting Method

1. OK, μ :

		V	o	i	c	e	R	e	p	o	r	t		
o		D	i	g	i	t	a	l	R	e	p	o	r	t

μ μ μ . μ μ

Voice Report: ()

Digital Report:(μ , μ)

2. OK μ μ , μ :

A	r	e	y	o	u	s	u	r	e	?		
									(	+	O	K)

OK , G μ μ

:

! μ OK , μ μ μ

3. (Voice Report) :

	R	e	p	o	r	t	M	e	t	h	o	d	
	I	n	s	t	a	l	I	-	C	o	d	e	

(Digital Report)

		R	e	p	o	r	t		M	e	t	h	o	d	
		I	n	s	t	a	l	-	C	o	d	e			
		D	i	g	i	t	a	l	-	C	e	n	t	e	r
		O	p	t	.	S	e	t	t	i	n	g	s		
		D	e	v	i	c	e	s	+	/	-				
		U	p	/	d	o	w	n	l	o	a	d			

2.2

, μ
4 μ 7982 (). μ μ
7982

1. μ Install - Code OK. :

		E	n	t	e	r		N	e	w		C	o	d	e	
												

2. 4- , OK . :

		R	e	p	e	a	t		N	e	w		C	o	d	e	
													

3. OK . μ .

: :

! μ , μ μ .

! μ μ μ μ ' '.

2.3

		T	e	l	.	N	u	m	b	e	R	s			
		A	c	c	.	N	u	m	b	e	R	s			
		C	h	e	c	k	-	i	n		R	p	t		
		O	f	f	s	e	t		P	e	R	i	o	d	
		R	e	c	e	i	v	e	r		A	s	s	.	
		F	o	l	l	o	w		O	n					
		V	e	r	i	f	i	c	a	t	i	o	n		

- 2.3.1 μ μ
μ , DigitalCenter μ Tel. Number . ,
μ μ

μ μ μ μ (&).

:

- μ , μ μ .
- μ , μ .
- μ , μ μ 11 . μ μ ,
μ ".", μ μ μ .

μ μ Tel. Number μ . OK

, μ :

*	A)	.	.	.	.	.	.	.	.	.	.	.	.	.
	B)	.	.	.	.	.	.	.	.	.	.	.	.	.

2. OK

μ , μ :

E	n	t	e	r		n	e	w		N	o	.	+	O	K
.

3. μ .

4. OK

μ **Tel. Number** . μ μ , μ μ .

*	A)	2	2	1	8	0	5	5	1					
	B)	.	.	.	.	.	.	.	.	.	.	.	.	.

:

• μ μ , 20 , μ μ μ * & # .
μ , 5 beep, μ OK

• μ , μ (backspace). μ ,
μ , μ **Tel. Numbers**

• μ , 15° μ , μ μ ,

1. μ **Tel. Number** , OK

2. μ , . μ

		C	h	a	n	g	e		N	u	m	b	e	r	
2	2	1	8	0	5	5	1				?	(	O	k)

3. OK . μ μ .

E	n	t	e	r		n	e	w		N	o	.	+	O	k
.

:

• μ **Tel. Number**

4. μ .

5. OK.
μ . μ **Tel. Number**

μ , μ μ , μ 1 3 μ ,

E	n	t	e	r		n	e	w		N	o	.	+	O	k
.

OK μ . μ μ .

2.3.2 μ μ μ **Acc. Number** . / / μ μ
μ μ , μ μ
μ **Tel. Number**

- μ **Set/Unset On** μ μ μ μ
- μ **Set/Unset Off** μ μ μ μ

$$/ \quad \mu \quad \mu \quad \mu \mu \quad \mu$$

- **Duress On** μ .
- μ **Duress On** μ (Duress Code option) μ
(Code Settings) μ $\mu\mu$ μ .
- μ **Duress Off** Duress Code option μ μ
(Code Settings) μ $\mu\mu$.

μμ /

- **Latch Enable** : μ .
- μ **Latch Enable** μ /
- μ **Latch Off** μ μ μ .
- μ **Latch On** μ /

μ μ μ , μ **Devices +/-** μ μ . , μ μ μ (μ μ).

2.5.1

1. μ μ μ : , **Add Device** μ , **OK.** μ

2. μ (test),

3. μ , $\mu\mu$. μ :



- (Door Contact) ---- DC
- (PIR Sensor) ---- IR
- (External PIR) ---- EIR
- (Remote Controller) ---- RC
- μ μ (Remote Keypad) ---- KP
- (Smoke Detector) ---- SD
- (Water Sensor) ---- WS
- (Indoor Siren) ---- IS
- (Outdoor Siren) ---- HP
- (Night Switch) ---- NS

4. **OK** . 2 μ μ μ μ

	S	e	l	e	c	t		D	e	v	i	c	e		
			Z	o	n	e									

5. μ μ (μ),
20 .

		Z	o	n	e	0	1								
		Z	o	n	e	0	2								
		Z	o	n	e	0	3								
		.													
		.													
		.													
		Z	o	n	e	2	0								
		S	t	o	p										

6. ▲&▼ μ μ , **OK**

- : μ μ μ μ (μ), μ
μ μ μ :

A	l	r	e	a	d	y		e	x	i	s	t			
		i	n		S	y	s	t	e	m					

- 2 μ 1, μ μ .
- G μ μ .
- **STOP** μ μ .
- μ , μ μ μ , μ
μ .

(Door Contact)

7. μ μ μ μ , μ μ
Hour, Fire, Medical Emg Water , Burglar, Home Omit, Home Access, Entry, 24
:

	B	u	r	g	l	a	r								
	H	o	m	e		O	m	i	t						
	H	o	m	e		A	c	c	e	s	s				
	E	n	t	r	y										
	2	4		H	o	u	r								
	F	i	r	e											
	M	e	d	i	c	a	l		E	m	g				
	W	a	t	e	r										
	S	e	t	\	U	n	s	e	t						

BURGLAR (B)

- Press **1** (Full Arm) (Burglar Alarm), then press **2**.
- Press **1** (Full Arm) then press **3** (Entry Delay).
- Press **1**, then press **4**.

HOME OMIT (O)

- Press **5** (Home Mode), then press **6** Home Omit (O).
- Press **5** (Full Arm), then press **6**.

HOME ACCESS (A)

- Press **7** Home Access (A), then press **8** (Full Arm).
- Press **7** (Home Mode), then press **8** Home Access.
- Press **7**, then press **8**.

ENTRY (E)

- Press **9**, then press **9**.
- Press **9**, then press **0** PIN, then press **9**.
- Press **9**, then press **0** ding-dong ().

24 HOUR (H)

- Press **24**, then press **1**, then press **1**, then press **1**.

FIRE (F)

- Press **1**, then press **1**, then press **1**, then press **1**.

MEDICAL (M)

- Press **1**, then press **1**, then press **1**, then press **1**.

WATER (W)

- Press **1**, then press **1**, then press **1**.
- Press **1**, then press **1**, then press **1**, then press **1**.

SET/UNSET (S)

- Press **Set/Unset**, then press **1**.
- Press **set/unset**, then press **1** (Latch Option) 2.4, then press **/** Latch Report On/Off. { (Latch Option)}
- 8. Press **1**, then press **1**, then press **▲&▼**, then press **OK**.

9. OK, OK
(Device Naming)

E	d	i	t	N	a	m	e								
.

10. OK

I	n	s	t	a	l	i	e	d	:		(	O	K	?)
D	C	B	a	c	k	d	o	o	r	B					

• Device +/-
Set/Unset, OK

11. OK
(Latch). OK

		L	a	t	c	h	.	R	p	t	.	O	n		
		L	a	t	c	h	.	R	p	t	.	O	f	f	

(PIR Detector)

12. PIR, :

		B	u	r	g	l	a	r							
		H	o	m	e		O	m	i	t					
		H	o	m	e		A	c	c	e	s	s			
		D	e	l	a	y									
		E	n	t	r	y									

• PIR : Burglar, Home Omit, Home Access Entry.
• (4, .7)

- **B** Burglar PIR Detector
- **O** Home Omit PIR Detector
- **A** Home Access PIR Detector
- **E** Entry PIR Detector

13. OK
OK, OK
(Device Naming)

E	n	t	e	r	N	a	m	e	+	O	K				
.

14. OK

I	n	s	t	a	l	i	e	d	:		(	O	K	?)
I	R	H	a	l	i	w	a	y	E						

15. OK
PIR
Device +/-

• Device +/-

16. μ 10 , **OK** , μ **OK** .
 μ μ . ' μ ' (Device Naming) μ .

17.	OK	.	μ	.
18.	OK	,	EIR	μ Device +/-

- LCD μ , EIR μ (Away Arm), μ .
- 2 sec, EIR μ (Home Arm), beep μ .
- , EIR.
- to Tamper EIR μ μ μ , μ .

(RC)

		P	e	r	s	o	n	a	l		A	t	t			
		M	e	d	i	c	a	l		E	m	g				

- **(Personal Attack, Medical Emergency)**
- **P Personal Attack Remote Controller**
- **M Medical Emergency Remote Controller**

20. μ μ μ \blacktriangle & \blacktriangledown μ OK
 μ μ 10 , , **OK** , μ μ **OK**
 μ μ ' μ ' (Device Naming) μ μ

21. **OK** . μ .

22. **OK** , / (RC) . μ **Device +/-**

- :
μ / , μ μ
3 sec, μ . μ 3 sec, μ
- μ / , μ μ (
- μ ↻ μ μ .
Device +/-

I	n	s	t	a	l	l	e	d	:		(	O	K	?)
S	D		L	i	v	i	n	g	r	o	o	m		

OK

(Enter Zone Name),

1	1
2	2ABCabc
3	3DEFdef
4	4GHIghi
5	5JKLjkl
6	6MNOnno
7	7PQRSpqrs
8	8TUVtuv
9	9WXYZwxyz
0	0<space>/-&'.+

*	*
#	#
↺	μ

OK

OK

PIR Zone 03 B

PIR

3,

(μ " ", BURGLAR),

2.5.2

(Edit Devices)

Edit Devices

Device +/-

	D	C	B	a	c	k	d	o	o	r				
	I	R	H	a	l	l	w	a	y					
	R	C	M	r	.	S	M	I	T	H				
	S	D	K	i	t	c	h	e	n					
	S	T	O	P										

	B	u	r	g	l	a	r						
	H	o	m	e		O	m	i	t				
	H	o	m	e		A	c	c	e	s	s		
	E	n	t	r	y								
	2	4		H	o	u	r						
	F	i	r	e									
	M	e	d	i	c	a	l		E	m	g		
	W	a	t	e	r								

Z	o	n	e		T	y	p	e	?	(	O	k	?)		
D	C				B	a	c	k	d	o	o	r	E		

P	r	o	g	r	a	m		N	a	m	e		?		
B	a	c	k	d	o	o	r								

E	n	t	e	r		N	a	m	e		+	O	k		
.						

(SD/KP/WS/NS)

P	r	o	g	r	a	m		N	a	m	e		?		
B	a	c	k	d	o	o	r								

E	n	t	e	r		N	a	m	e		+	O	k		
.						

μ .

1. μ Remove Device μ Device +/- μ

		D	C		B	a	c	k	d	o	o	r				
		I	R		H	a	l	l	w	a	y					
		R	C		M	r	.	S	M	I	T	H				
		S	D		K	i	t	c	h	e	n					

2. OK

		R	e	m	o	v	e	:			(	O	k	?)
R	C		M	R	.	S	M	I	T	H				

3. OK.

- : / , G .
- Remove Device available () 2 sec, No device Device +/- Add/Delete Device

2.5.4 Program Siren Device +/-

		L	e	a	r	n		S	i	r	e	n		
		S	i	r	e	n		T	a	m	p	.	O	n
		S	i	r	e	n		T	a	m	p	.	O	f
		C	o	n	f	i	r	m		O	n			
		C	o	n	f	i	r	m		O	f			
		E	n	t	r	y		S	n	d		O	n	
		E	n	t	r	y		S	n	d		O	f	

1. ()
2. Learn Siren
3. OK
4. beep, LED 3 sec.
5. : , OK
- , 3

		P	l	e	a	s	e		a	d	d			
		o	n	e		d	e	v	i	c	e			

2 sec, Device +/-.



TAMPER / OFF (SIREN TAMP.ON, SIREN TAMP.OFF)

TAMPER μ / μ .

• TAMPER Siren Tamp.Off OK.

• TAMPER Siren Tamp.On OK.

• : TAMPER μ μ μ , μ μ .

- ON/OFF (CONFIRM ON, CONFIRM OFF)

beep , μ μ .

• / Confirmation Off OK

• / Confirmation-On OK

ON/OFF (ENTRY SND ON, ENTRY SND OFF)

• μ beep , .

• Entry Snd Off OK

• Entry Snd On OK

1. μ μ (Alarm Off), μ $\mu\mu$ μ

PIN .

		P	-	M	o	d	e	E	n	t	e	r		
		P	-	C	o	d	e	.	.	.	.

2. **1234** { 1 (User 1)}, ent;ow 30 sec.
MASTER PIN.

		P	-	M	o	d	e	E	n	t	e	r		
		M	-	C	o	d	e	.	.	.	.

• : PIN, G ()
G Alarm Off

3. **1111** (Master), 30 sec.

4. OK

2 sec μ μ μ , μ μ μ $\mu\mu$ μ .

		P	r	o	g	r	a	m	M	e	n	u		
M	a	k	e	a	S	e	l	e	c	t	i	o	n	

5. μ **▲&▼** μ (Digital Report)
 μ (Installer Menu), μ $\mu\mu$ μ :

		W	a	l	k	T	e	s	t					
		C	o	d	e	.	S	e	t	t	i	n	g	s
		T	i	m	e	.	S	e	t	t	i	n	g	s
		S	o	u	n	d	S	e	t	t	i	n	g	s
		G	e	n	.	S	e	t	t	i	n	g	s	
		C	l	o	c	k								
		D	e	v	i	c	e	s	+	/	-			

(Voice Report) μ (Installer Menu) μ
(Tel. Settings)

6. μ , $\mu\mu$ μ μ OK μ .

• : - V μ , μ μ

• - Λ μ , μ μ

• G Alarm Off

• $\mu\mu$ 1, 2, 3 4, MASTER μ μ

• μ μ $\mu\mu$ μ 5 ,
Alarm Off

3.1

μ

*		T	e	.	N	u	m	b	e	r	s			
		M	e	s	s	a	g	e	s					

3.1.1

- Tel. Setting Tel. Numbers , / /
- (A, B, C, D, E, F)
A, B, ...to F represent the priority number of the six Tel. numbers respectively.
- A, B.. F, μ .
- μ , μ , μ
- μ μ μ .
- μ μ 11 μ . μ μ , μ

1.

*	A	)	.	.	.	.	.	.
	B	)	.	.	.	.	.	.
	C	)	.	.	.	.	.	.
	D	)	.	.	.	.	.	.
	E	)	.	.	.	.	.	.
	F	)	.	.	.	.	.	.

2.

[illegible]

3.

4

Tel. Number,

*		A)	2	2	1	8	0	5	5	1				
		B)	.	.	.	.	.	.

- Press ***** & **#**. OK
- Press **G** (backspace).
- Press **Tel. Numbers**.

1.

2.

C	h	a	n	g	e	N	u	m	b	e	r			
2	2	1	8	0	5	5	1					?	(	O K)

3. OK μ μ .

E	n	t	e	r		n	e	w		N	o	.	+	O	K
.

:

• G Tel. Number

4. μ

5. OK μ μ , Tel. Number

Changing Tel. Number

μ , μ 1 3 μ , μ

Enter new No

E	n	t	e	r		n	e	w		N	o	.	+	O	K
.

6. OK μ . μ .

(* #) μ

• * 3 sec , μ . μ .

• # μ .

PAGER

μ pager - * - #- - # - OK

μ ' μ . μ

μ .

μ * # μ μ μ paging .

EPABX

EPABX 0/9/8 - * - μ - OK

* .

μ - * - * - μ - OK

* .

3.1.2 μ (Message Menu)

• μ , μ μ μ .

		R	e	c	o	r	d		M	s	g				
		P	l	a	y		M	e	s	s	a	g	e		

• 20 sec, μ μ μ 5 μ .

○ μ - 8 sec.

○ μ - 3 sec.

○ μ - 3 sec.

○ μ - 3 sec.

○ μ - 3 sec.

- μ **Record Msg.** μ , μ μ μ μ
μ μ .

		A	d	d	r	e	s	s		M	s	g				
		B	u	r	g	l	a	r		M	s	g				
		F	i	r	e		M	s	g							
		P	A		M	s	g									
		E	m	e	r	g	e	n	.	M	s	g				

$$\mu$$

S	t	a	r	t	R	e	c	o	r	d	i	n	g		
	A	f	t	e	r		t	h	e		B	e	e	p	

S	t	a	r	t	R	e	c	o	r	d	i	n	g		
	A	f	t	e	r		t	h	e		B	e	e	p	

*	N	o	w	R	e	c	o	r	d	i	n	g	*
		E	n	d	w	i	t	h	O	k			

:

• μ μ μ 8 sec. μ

$$) \quad \mu \quad \mu \quad .$$
$$\circ \quad \mu \quad \mu \quad \mu, \quad :$$

		B	u	r	g	l	a	r		M	s	g				
		F	i	r	e		M	s	g							
		P	A		m	s	g									
		E	m	e	r	g	n	.		m	s	g				

○ , μ μ μ μ μ .

:

- μ μ μ μ , 3 sec.

(Play Messages)

o		A)	2	2	1	8	0	5	5	1					
		B)	.	.	.	.	.	.	

D	i	a	l	i	n	g	.	.	.				
		P	l	e	a	s	e		w	a	i	t	!

		N	o	w		P	l	a	y	i	n	g	:			
		A	d	d	r	e	s	s		M	s	g				

		N	o	w		P	l	a	y	i	n	g	:		
		B	u	r	g	l	a	r		M	s	g			

- μ μ μ .
- μ μ μ , μ μ .
- μ μ μ . μ μ μ μ , μ μ μ μ , μ μ μ μ .
- , \mathbb{G} μ μ .

μ μ (Code Settings), μ μ μ :

o	P	i	N	C	o	d	e								
	T	e	M	p	.	C	o	d	e						
	D	u	r	e	s	s	C	o	d	e					
	M	a	S	t	e	r	C	o	d	e					

- **Duress Code** μ μ μ (Duress Function)
 μ μ . (Opt.Settings), μ **Duress Option**

• **1234.**⁴ PIN, #1, **1234** PIN #1

- PIN #2 ~ #4 μ

• 4 PIN, μ μ / MASTER.

(Enter New Name),

1	1
2	2ABCAbc
3	3DEFdef
4	4GHIghi
5	5JKLjkl
6	6MNOnno
7	7PQRSpqrs
8	8TUVtuv
9	9WXYZwxyz
0	0<space>/-&'.+

*	*
#	#
↺	μ

OK

OK

PIN Code

OK .

PIN

*	1	)	M	R	.	S	M	I	T	H				
	2	)	M	R	S	.	S	M	I	T	H			
	3)	*	*	*	*	*	*						
	4	)	.	.	.	.	.	.

OK

	D	e	l	e	t	e								
	P	i	N	-	C	o	d	e	(	+	O	k)	

OK

••••

3.2.2

Temp. Code,

OK.

	E	n	t	e	r		N	e	w		C	o	d	e
										

OK.

	R	e	p	e	a	t		N	e	w		C	o	d	e
											

3. , OK. :

*		L	a	t	c	h	.	R	p	t	.	O	f	f	
		L	a	t	c	h	.	R	p	t	.	O	n		

/ ,

μ (Latch Report).

4. ▲&▼ , OK. μ μ .

μ .

:

• μ .

, μ μ :

1. Temp. Code . OK

		D	e	l	e	t	e								
		P	i	n	-	C	o	d	e	(	+	O	K)	?

2. OK μ μ (Code Settings Menu).

, μ μ :

1. Temp. Code . OK

		D	e	l	e	t	e								
		P	i	n	-	C	o	d	e	(	+	O	K)	?

2. G . μ ,

3. (Latch Key report) , OK . μ

μ .

3.2.3 μ (Duress Code).

• μ μ μ μ / μ . μ μ , μ μ

• — μ μ .

• (Voice Reporting), μ. μ .

• μ 4- , μ .

:

• Duress Option μ μ μ (Opt.Settings), μ μ

1. μ , μ Duress Code μ OK

		E	n	t	e	r		N	e	w		C	o	d	e
											

2. μ 4- . OK.

R	e	p	e	a	t		N	e	w		C	o	d	e	
											

3. OK.

1. Duress Code (Gen. Setting Menu),

		D	e	l	e	t	e								
		P	I	n	-	C	o	d	e	(	+	O	K)	?

2. OK

3.2.4 Master.

- Master 1111
- Master, 1111
- Master, MASTER
- Master, PIN #1.
- Master PIN.

!

3.3

Time Settings, :

		A.	E	n	t	r	y	T	i	m	e				
		A.	E	x	i	t	T	i	m	e					
		H.	E	n	t	r	y	T	i	m	e				
		H.	E	x	i	t	T	i	m	e					
		A	l	a	r	m	L	e	n	g	t	h			
		S	i	r	e	n	D	e	l	a	y				
		M	o	b	i	l	i	t	y	C	H	K			
		S	u	p	e	r	v	i	s	i	o	n			

3.3.1 A. Entry Time (Away Entry Time) - (Away Arm)

(DC) PIR Entry/Home Access, (Away Arm mode).

DC PIR

PIN

PIN,

- : disable (,), 10 sec, 20 sec, 70 sec, 10

OK

		D	i	s	a	b	l	e						
		1	0		S	e	c							
o		2	0		S	e	c							
		3	0		S	e	c							
		4	0		S	e	c							
		5	0		S	e	c							
		6	0		S	e	c							
		7	0		S	e	c							

- **20 sec.** μ .
- : PIN, / , μ μ (Burglar Alarm).

3.3.2 A. Exit Time (Away Exit Time) - (Away Arm)

μ (KP), $\frac{\mu}{\mu}$ (Away Arm), μ / μ (RC) μ μ
 μ μ μ , μ / , μ / μ .
 μ μ PIN, μ / μ .

- μ : disable(), 10sec., 20 sec., μ 70 sec μ 10 .
- **30 sec.** μ .
- :
- PIN, / , μ μ (Burglar Alarm).

3.3.3 H. Entry Time (Home Entry Time) - μ (Home Arm)

μ (DC), μ PIR DC PIR Entry/Home Access, μ μ (Home Arm mode).
 μ , μ PIN μ PIN,
 μ .

- μ : disable (, μ), 10 sec, 20 sec, μ 70 sec, μ 10 .
- **20 sec.** μ .
- :
- PIN, / , μ μ (Burglar Alarm).

3.3.4 H. Exit Time (Home Exit Time) - μ (Home Arm)

μ (KP), $\frac{\mu}{\mu}$ (Home Arm), μ , μ / (RC) μ μ
 μ , μ μ , μ μ PIN, μ / , μ / .

- μ : disable(), 10sec., 20 sec., μ 70 sec μ 10 .
- **30 sec.** μ .
- :
- PIN, / , μ μ (Burglar Alarm).

3.3.5 μ

μ 1 15 , μ 1 , μ μ μ μ . μ

[illegible]

- **3 Min** μ .

3.3.6

μ : disable (), 1 10 μ 1 .

o	D	i	s	a	b	l	e							
	1	M	i	n										
			.											
			.											
			.											
	1	0	M	i	n									

- **Disable** μ .

•

- μ

3.3.7 (Mobility CHK)

μ μ μ . μ : **Disable,**

4 Hours, 8 Hours 12 Hours.

μ (reset), μ , $\mu\mu$, μ , μ .

o	D	i	s	a	b	l	e								
	4	H	r	s											
	8	H	r	s											
	1	2		H	r	s									

- **Disable** μ .

•

- μ , μ , μ , (reset)

○ μ : μ (DC) (PIR) μ **Home Omit**

24 Hr, Fire, Medical Emergency Water), μ.

24 Hr, Fire, Medical Emergency

Water),

- $\mu_{\text{H}_2\text{O}} = 0$ (reference state), $\mu_{\text{H}_2\text{O}} = 0$ (reference state).

Disable, 4 Hours, 6 Hours, 8 Hours, 12 Hours, 24 Hours.

•	Disable	μ	433	868
•	12 Hours	μ	868FM	

		A.	E	n	t	r	y	S	o	u	n	d		
		A.	E	x	i	t	S	o	u	n	d			
		H.	E	n	t	r	y	S	o	u	n	d		
		H.	E	x	i	t	S	o	u	n	d			
		D	o	o	r	C	h	i	m	e				
		W	a	r	n	i	n	g	B	e	e	p		
		R	i	n	g	T	o	n	e					

- μ : **High** (μ beep) **Low** (μ beep), **Off** (μ beep).

- **Volume Low** μ .

- μ : **High** (beep) **Low** (μ beep), **Off** (beep).

- **Volume Low** μ .

- μ : **High** (μ beep) **Low** (μ beep), **Off** (μ beep).

- **Volume Low** μ .

μ beep μ μ

- μ : **High** (μ beep) **Low** (μ beep), **Off** (μ beep).

- **Volume Low** μ .

3.4.5 (Door Chime)

PIR), μ μ μ . (DC

		V	o	I	u	m	e		H	i	g	h			
		V	o	I	u	m	e		L	o	w				
o		O	f	f											

- (Door Chime) Off μ .

3.4.6 Beep

μ , μ μ μ . μ μ μ .

		V	o	I	u	m	e		H	i	g	h			
		V	o	I	u	m	e		L	o	w				
o		O	f	f											

- (Warning Beep) Off μ .

3.4.7

μ μ .

		V	o	I	u	m	e								
o		O	f	f											

- (Ring Tone) Off μ .

3.5

		F	i	n	a	l		D	o	o	r				
		R	C		E	n	t		E						
		T	a	m	p	e	r		A	l	a	r	m		
		P	a	n	e	l		S	i	r	e	n			
		I	n	t	e	r	f	e	r	e	n	c	e		
		A	C		r	e	p	o	r	t					

3.5.1

(Final Door Set Option)

		F	i	n	a	l	D	o	o	r		O	f	f	
o		F	i	n	a	l	D	o	o	r		O	n		

- Final Door On (Final Door Set Option On) μ .
- : $\mu\mu$ μ , μ 4.2 Away (Alarm On) Mode of Operation.

3.5.2 μ .

o		R	C		E	n	t		E		O	f	f		
		R	C		E	n	t		E		O	n			

- Remote Controller Entry Enable On μ .
- : μ (OFF), μ μ , μ μ / , μ μ / , μ μ .
- μ (O), μ μ / , μ .

3.5.3 μ Tamper

μ

Tamper.

O	A	w	a	y	A	r	m	O	n	l	y		
	N	o	r	m	a	l							V

- **Away Arm Only**

μ .

- **Away Arm Only** μ , μ Tamper _____ , μ .

- **Normal** μ , μ μ , Tamper

- μ , Tamper μ / .

3.5.4

μ

μ μ

,

μ .

		S	i	r	e	n	O	f	f				
o		S	i	r	e	n	O	n					

- **Siren On**

μ .

3.5.5 μ

μ .

o		D	e	t	e	c	t	i	o	n	O	f	f
		D	e	t	e	c	t	i	o	n	O	n	

- **Detection Off**

μ .

:

- μ , μ μ μ μ 30 sec, μ μ

- μ , CR200 μ .

3.5.6 μ (AC Report)

μ ,

AC

o	R	e	p	o	r	t	o	n					
	R	e	p	o	r	t	o	f	f				v

- **Report Off**

μ .

:

- μ **Report on** 1 AC , μ

- μ **Report off** AC.

- 1 , μ

- μ 1 , μ

3.6

3.6.1

(&)

		T	i	m	e		S	e	t	t	i	n	g		
		0	0	:	0	0				(	▲	▼	OK)	

- OK
•
•
•
• μ ▲&▼ μ (μ 00 ~ 23).
• OK

3.6.2 $\mu \quad \mu$

 $\mu \quad \mu$

		D	a	t	e		S	e	t	t	i	n	g		
		0	1		J	a	n			(	▲▼	O	K)	

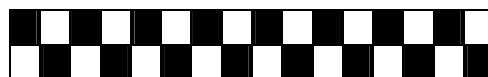
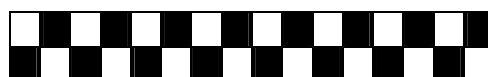
- μ μ $\blacktriangle&\blacktriangledown$ μ
- OK μ μ μ
- μ $\blacktriangle&\blacktriangledown$ μ μ
- OK μ

3.7 **+/- (Devices +/-)**

2.5 “Device +/-” (Installer setup menu).

3.8 (WALK TEST)

- beep, μ μ μ , 2 sec . LED 3 μ



- μ μ μ :

[illegible]

- μ Test μ , μ $2 / \mu$ beep,

I	R			Z	o	n	e	0	2		D			
H	a	I	I	w	a	y								

- μ 30 sec, μ μ .

 μ

- μ μ μ , G
 - μ μ 5 5 , μ
- OK

4.

4.1

		E	n	t	e	r		C	o	d	e				
								*	.	.	.				

		A	w	a	y		A	r	m						
		H	o	m	e		A	r	m						

[illegible]

•

[illegible]
$$\vdots$$

4.2 (AWAY ALARM ON MODE)

4.2.1 μ

[illegible]

2. OK :

					T	i	m	e		T	o		E	x	i	t		
					3	0				s	e	c						

μμ , μ μ .

3. μ beep, μ Alarm On, μ μ .

:

- μ , μ .
- 'Alarm On' μ 180 sec. μ μ μ μ (Screen Saver function).
- μ μ / ().

4.2.2 μ .

μ , μ μ .

1. G

2. PIN. μ μ 2 μ μ .

3. PIN OK. μ Alarm Off μ μ .

:

- μ , / ().
- , μ .

4.2.3 μ / , μ μ .

:

- μ , μ μ (), μ , μ .

4.3

μ μ PIN, μ μ , :

		F	a	u	l	t		D	s	p				
		A	w	a	y		A	r	m					

μ Away Arm OK ding-dong μ Fault DSP μ 2 sec, μ μ .

:

- , μ μ μ / , μ .
- (Fault display), μ 4.12 ' μ '), μ μ .
- μ , μ μ , .

1. PIN , OK. μ :

		F	a	u	l	t		A	r	m				
							(	O	k	?)			

2. OK

3. μ , .

4. μ beep Alarm On μ

$$\mu \quad \mu$$

□
□

• **G** PIN **OK,** μ (Alarm Off).

- **Fault DSP, μ 5 . μ**
(Alarm Off).

- $\mu_{\text{Bypass}} = \mu_{\text{Bypass}} + \mu_{\text{Bypass}} \cdot \mu_{\text{Bypass}}$ (Bypass), $\mu_{\text{Bypass}} = \mu_{\text{Bypass}} + \mu_{\text{Bypass}} \cdot \mu_{\text{Bypass}}$.

- μ_{Tamper} , μ_{tamper} .

• , μ , ding-dong
 , 2 sec μ . μ μ Fault DSP μ μ

- μ (Alarm Off).

- $\mu_{\text{H}_2} = \frac{1}{2} \ln \left(\frac{\mu_{\text{H}}^2}{\mu_{\text{O}}} \right)$

4.4 (ALARM OFF MODE)

 $\mu :$

μ μ μ (Alarm On), PIN OK
μ beep μ μ .
:

		A	l	a	r	m		O	f	f					
		0	6	:	4	3		0	1		J	a	n		

:

• μ , μ / , μ μ .

- μ , μ , μ , μ , μ . (Remote Controller Entry Enable).

4.5 (HOME ARM MODE)

μ μ , μ . μ .

•

- μ μ μ .

4.5.1

1. , OK
2. ▼ Home Arm
3. OK :

		T	i	m	e		T	o		E	x	i	t		
						3	0			s	e	c			

4. , beep. Home
- / ().

4.5.2

- 4.2 ')

4.5.3

- 4.2 ')

4.5.4

- 3 , Home / , OK ding-dong, 4.3

4.6 (BYPASS)

1. PIN OK 10 sec. :

		A	w	a	y		A	r	m						
		H	o	m	e		A	r	m						
		B	y	p	a	s	s								

2. ▼ Bypass
3. OK
4. μ μ μ

		D	C		B	a	c	k	d	o	o	r			
		I	R		H	a	l	l	w	a	y				
		D	C		F	r	o	n	t	d	o	o	r		
		I	R		L	i	v	i	n	g	r	o	o	m	
		R	C		M	R	.	S	M	I	T	H			
		S	t	o	p										

5. ▼ & ▲

μ .

		B	y	-	p	a	s	s		(	O	k	?)	
D	C		B	a	c	k	d	o	o	r					

6. OK . μ μ μ * μ ,

: *

• , OK .

7. μ 5 6

8. μ Arm , G μ .

9. OK Arm μ .

:

-
- μ μ , μ μ . μ
- μ (). μ μ μ μ , μ (Log menu).

μ μ μ , μ

&

μ	μ						
(BURGLAR)	"B"	μμ	μ μ	μ μ	μμ	μμ	μμ
(Home Omit)	"O"	μμ	μ μ	μμ	μμ	μμ	μμ
(Home Access)	"A"	μμ	μ μ		μμ	μμ	μμ
(Delay)	"D"	μμ	μ μ	μ μ	μμ	μμ	μμ
	"E"	μμ			μμ	μμ	μμ
24	"H"	μ μ	μ μ	μ μ	μ μ	μ μ	μ μ
	"M"	μ	μ	μ	μ	μ	μ
	"F"	μ	μ	μ	μ	μ	μ
	"W"	μ	μ	μ	μ	μ	μ
/	"S"	/	/	/	/	/	/
PIR	" EIR "	μμ	μ μ ().	BEEP	μμ	μμ	μμ

: μ μ , , μ

A	L	A	R	M	!		A	L	A	R	M	!			
			A	L	A	R	M	!		A	L	A	R	M	!

4.8.1 μ μ .

μ , μ μ μ :

1. PIN , OK

:

• PIN. , μ

2. PIN , .

μ μ :

• μ

3. μ μ :

A	l	a	r	m		S	t	a	r	t	e	d		B	y
0	1	)	.	I	R	H	a	i	l	w	a	y			

4. OK.

5. μ , μ μ μ 02). μ μ

6. μ μ μ μ :

	S	y	s	t	e	m		r	e	a	c	h	e	d	
	N	o	n	e											

7. OK μ Alarm off

• μ

1. μ μ :

A	l	a	r	m		S	t	a	r	t	e	d		B	y
0	1	)	.	I	R	H	a	i	l	w	a	y			

2. OK.

3. μ , μ μ μ 02). μ μ

4. μ μ μ μ :

	C	l	e	a	r		A	l	a	r	m				
	D	i	s	p	l	a	y	?	(	O	K	?)			

5. OK μ Alarm off

:

• G μ 5 sec, .

• μ . μ μ (OPEN) .

μ μ :

• μ

1. μ :

A	l	a	r	m	S	t	a	r	t	e	d	B	y
0	1	)	.	I	R	H	a	l	l	w	a	y	

2. OK.

3. μ , μ

μ μ 02).

4. μ μ μ :

S	y	s	t	e	m	r	e	a	c	h	e	d
N	o	n	e									

5. OK μ Alarm off

• μ

1. :

	R	e	p	o	r	t	i	n	g			
		P	l	s		w	a	i	t			

2. , μ :

	P	r	e	s		O	k		T	o		
		C	o	n	t	i	n	u	e			

3. OK, μ μ 3 (/ μ .)

A	l	a	r	m	S	t	a	r	t	e	d	B	y
0	1	)	.	I	R	H	a	l	l	w	a	y	

(/ μ), μ , μ 4 7
(Alarm Off).

μ μ :

• μ

1. μ :

A	l	a	r	m	S	t	a	r	t	e	d	B	y
0	1	)	.	I	R	H	a	l	l	w	a	y	

(/ μ), μ , μ 4 6

2. μ μ , :

S	y	s	t	e	m	r	e	a	c	h	e	d
2	6	9	4	0	6	6	7					

3. OK μ Alarm off

• μ

4. μ :

A	l	a	r	m	S	t	a	r	t	e	d	B	y
0	1	)	.	I	R	H	a	l	l	w	a	y	

(/ μ), μ , μ 4 7

[illegible]
$$\mu_{\text{H}_2} = \mu_{\text{H}} + \frac{1}{2}\mu_{\text{O}}, \quad \mu_{\text{CO}} = \mu_{\text{C}} + \mu_{\text{O}}, \quad \mu_{\text{CO}_2} = \mu_{\text{C}} + 2\mu_{\text{O}}$$

- μ is the mean of the distribution.
- μ is the mean of the distribution.
- μ is the mean of the distribution.

μ 20 μ μ , μ :

- μ μ μ .
- μ μ .
- μ .
- μ μ μ μ ().
- μ μ μ **Start** μ , μ **End** μ .
- μ :
1. PIN, **OK** , μ μ .
2. ▼ μ μ , **Log** μ **OK.** μ :

3. $\mu_{\Delta \& \nabla} = \mu_{\Delta} \cdot \mu_{\nabla}$.

4. **LB** μ μ μ **Tamp** μ μ μ **Rest** **DC** μ μ μ μ (restore).

	0	2	:	4	0		0	2	J	a	n			
	P	a	n	i	c									
	D	A	V	I	D		D	C						

4.10 (UP/DOWNLOADING) ()

- CR200 μ DTMF μ , / .
μ , μ (ring-back) μ
- μ μ Windows 95, 98, XP, 2000 VISTA, μ μ DTMF modem .
 - μ μ μ , μ , .
 - , μ (uploading):
 - μ μ (Event Log).
 - μ μ .
 - μ
 - μ μ .
 - μ .
 - μ RF.
 - / (Up/Download):
 1. PIN . **OK**
 2. μ μ ▼ **Up/Download** **OK**.
μ (μ μ):

		R	e	m	o	t	e		A	c	c	e	s	s		
		L	o	c	a	l			A	c	c	e	s	s		
 - 3. μ ▲&▼ **OK** .

4.10.1 μ μ / (Remote Up/Downloading).

1. **Remote Access**, :

P	l	e	a	s	e		w	a	i	t		f	o	r		
		R	e	m	o	t	e		A	c	c	e	s	s		

μ μ (Alarm Off mode). μ , G
2. μ μ , :

U	p	/	D	o	w	n	l	o	a	d	i	n	g			
-	-	>														
3. μ , :

U	p	/	D	o	w	n	l	o	a	d	i	n	g			
=	=	>														

μ μ μ , .
4. μ μ μ , CR200 μ
μ (Alarm Off mode).

4.10.2 / (Remote Up/Downloading).

1. **Local Access** , :

[illegible]

2. μ , :

[illegible]
$$\mu \quad \mu\mu \quad ,$$

μ (Alarm Off mode). μ , CR200 μ

•

- μ , G .

	Q	u	i	t		U	p	/	d	o	w	n				
			M	o	d	e		?		(	+	O	k)		

OK μ .

4.11

CR200 3 μ μ μ μ :

-
- Diagram illustrating two horizontal lines, each labeled with a μ symbol and a subscript i . Above the top line is a dot and a μ symbol. To the right of the top line is a μ symbol. To the right of the bottom line is a μ symbol.

4.11.1 .

- [illegible]

4.11.2 μ (μ).

- (LatchKey.Rpt.Off), 90 μs
 ○ μs, (LatchKey) μs, /
 PIN, μs.

4.11.3 (μ).

- 30 . , PIR
- , .
- μ .

- μ :
 - μ μ .
 - AC.
 - .
 - μ μ .
 - TAMPER .
 - μ .
- μ , μ μ μ μ **Fault** / μ
 - μ , μ μ μ μ .
- , , μ μ PIR **Tamper**
 - Tamper CR200 .
 - Tamper μ .
 - PIR Tamper μ .
 - Tamper μ μ .
- μ PIR, μ , μ μ μ μ (Sensor Low Battery).
 - μ , μ , μ μ μ μ .
 - PIR, μ 60 100 .
 - μ μ 4, 6, 8 ,12 ' , μ .
 - μ (sensor out-of-order).
- CR200 μ μ 868 MHz.
 - μ μ μ LCD (30 sec, μ μ Fault Display).

4.12.1

- μ , , :
 - LED , μ .
 - μ μ Fault Display μ .
 - beep 30 sec, μ μ μ μ μ .
 - μ μ μ μ , μ μ μ .

μ .

- 4.12.3** / μ μ μ .

/

2. :

	F	a	u	I	T	D	s	p				
	A	r	m									

3. **OK**

5. μ , G μ μ :

		C	l	e	a	r		F	a	u	l	t				
				D	s	p	:		(	O	K	?)			

6. **OK** μ μ ,

- μ_6 , μ_G , beep 30 sec, μ_μ , μ , LED μ

- μ μ μ , μ (Log).

- beep μ μ μ μ μ

μ .

- μ : $(\tau_0, \tau_1) \rightarrow (\tau_0, \tau_1)$, $t \mapsto t$

- LED μ μ μ μ μ , μ .

- μ μ .

- μ •

- $$0 \leq \mu_1 \leq \mu_2 \leq \mu_3 \leq \mu_4 \leq \mu_5 \leq \mu_6.$$

- μ μ .

- Tamper PIR , (Burglar).
 - ,
 - Tamper.
 - PIR, LED .
 - Fault Display**
 - ,
 -
- 30 sec, **Fault Display**
 - LED ,

4.12.5

	—	
AC	—	AC failure
μ μ	—	Panel L.B.
μ	—	Panel Tamper
μ μ	—	(μ μ) + L.B.
μ	—	(μ μ) + Tamper
	—	(μ μ) + out

- DC Z 01 L.B. μ 1, μ μ .
 - PIR,
 - , μ μ μ .

	μ μ μ μ
	(DC μ) + open
PIR	(DC μ) + Active

4.13.1

-
-
- 15 sec,
- 5 sec,
-
- 80 sec.
- 1 0, 9.
- CR200,

4.13.2

- 0, 9 1
- 0
- 0
- (on-hook).
-
-
- 9
- 9
- (on-hook).
-
- 1
- 1

4.13.3

- 5 62 sec
- 5
- 15

- $\mu \mu$, μ .
- μ (pager), μ .
 μ μ , .
- μ pager, μ μ .

- μ μ μ 5μ , μ μ μ 62 sec μ .
- μ μ μ μ μ , μ μ μ .
 5 , μ μ μ 5 sec μ .
- μ μ , 10.

4.14.1

- μ μ , μ μ 1, μ
- μ μ , μ μ .
- CR200 $\mu\mu$, 3 . μ beep, 20 sec
- μ , 5 . μ 1
- : μ 1, μ μ , μ μ μ μ .

• 0 9 μ μ , μ μ , μ ,

0

μ 0 , μ :

○ μ μ μ .

○ μ .

○ $\mu\mu$ (on-hook).

μ μ ,

μ 2 .

9

○ μ μ μ .

○ $\mu\mu$ (on-hook).

○ μ μ .

○ μ μ .

- $\mu_{\text{H}_2\text{O}} = \mu_{\text{H}_2} + \frac{1}{2}\mu_{\text{O}_2}$
- $\mu_{\text{CO}_2} = \mu_{\text{C}} + 2\mu_{\text{O}_2}$

 $\mu \quad \mu \quad .$

- , μ μ μ μ μ μ kiss-off μ ,
μ μ .
- , μ
μ μ Follow-On , μ : DigitalCenter μ):
1. μ 3 , μ μ μ μ .
2. μ . 2 μ beep.
3. . 3 sec
μ , 30 sec.
4. , μ beep, .
5. 1 , DTMF μ , μ μ .
- μ μ μ , μ
μ .
- , 3 beep, 20 sec
CR200 μ μ .
- , μ 1
μ , 5 .
:

μ μ μ .

- μ DTMF 0. μ DTMF' 0, μ μ , μ ,
μμ (on-hook). μ
:
• , μ μ , μ 0, μ 5 μ ,

4.15

1. μ .
2. $\mu\mu$ μ (μ μ μ).
3. μ 8 μ 10 .
4. , μ .
5. μ .
6. PIN . 3 sec μ .
7. PIN μ , beep. μ , μ .

4.16

- PIN, μ μ beep, μ μ :
- 1 --- μ μ . μ .
 - 2 --- μ (Away Arm).
 - 3 --- μ .
 - 5 --- μ μ .
 - 9 --- μ .
 - 0 --- μ μ .
 - : μ $\mu\mu$, μ 5 1, μ 0 μ ,
 - , 1 , 5 μ .
 - 9 μ , μ beep μ μ ,
 - 2 beep μ , 5 beep μ .
 - μ 0 $\mu\mu$, μ 30 sec 1, (μ $\mu\mu$ μ 5).

5.1

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

5.2

CR200	μ	CONTACT-ID	μ	μ	.
	μ	,	:		

DTMF, (Handshake), μ μ μ . μ μ μ .

5.2.1 (Handshake Tone).

$$\mu = \frac{1}{2} \left(\mu_1 + \mu_2 \right)$$

5.2.2

μ μμ , μ 2 sec. 0,5 sec μ

5.2.3

1400 Hz. \pm 3% μ	100 msec. \pm 5%
100 msec. \pm 5%	
2300 Hz. \pm 3% μ	100 msec. \pm 5%

5.2.4 μ μ

$$\mu \quad \mu \quad \mu \qquad \qquad . \qquad \mu$$

$$\qquad \qquad \mu \qquad \qquad \mu \qquad .$$

5.2.5

μ μ μ 250msec (250 , 300 μ) μ
, μ (kiss-off). μ

5.2.6 μ μ

μ μ μ :

ACCT MT QXYZ GG CCC

ACCT = 4 μ μ (0-9, B-F)

MT = μ μ , 18

Q = μ , μ μ .

XYZ = μ (3 0-9, B-F)

GG = μ μ μ (Partition) (00)

CCC = μ

000 CR200

001 1

002 2

003 3

.....

.....

018 18

019 Zone 19

020 20

021 1

022 2

5.2.7 μ

μ μ μ DTMF

μ :

ON - 50 msec (50 , 60 μ).

OFF - 50 msec (50 , 60 μ).

5.2.8 (Kiss-Off).

kiss-off , μ , μ μ

. 1400 Hz \pm 3%.

400 msec, kiss-off .

- 5.2.9** μ .
- **100 -** (Medical).
 - μ (Wrist Transmitter WTR, RC, DC).
 - **101 -** (Personal Emergency).
 - μ (WTR) μ μ (Emergency Pendant EP).
 - **110 -**
 - DC, , RC.
 - **111 -**
 - (SD).
 - **120 -**
 - μ / (RC).
 - **121 -** μ (Duress).
 - μ μ .
 - **130 -**
 - :
 - (DC) μ **Burglary (@ B)**
 - (DC) μ **24 Hours (@ H)**
 - (DC) μ **Delay (@ D)**
 - PIR μ **Burglary (@ B).**
 - PIR μ **Delay (@ D).**
 - μ Tamper .
 - **131 -** μ
 - (DC) μ **Entry (@ E)**
 - PIR μ **Entry (@ E)**
 - **132 -**
 - (DC) μ **Home Omit (@ O)**
 - PIR μ **Home Omit (@ O)**
 - **137 -** Tamper
 - Tamper .
 - **139 -** μ
 - μ 30 μ IR200 DC200
 - **147 -**
 - CR200 μ 4 , μ .
 - .
 - PIR
 -
 - **154 -**
 - , μ DC, μ **Water (@W)**

- **301 -** AC
 ▪ AC, 10 sec.
- **302 -** μ μ
 ▪ μ μ .
- **383 – Tamper**
 ▪ Tamper :
 ○
 ○ PIR EIR
 ○ μ μ (KP)
- **384 -** μ μ
 ▪ μ μ :
 ○
 ○ PIR
 ○
 ○ μ .
- **400 –** / (μ μ)
 ▪ μ () () / .
 ▪ 401- /
 ▪ μ () () μ .
 :
- CR200 / . μ , μ 401, μ μ
 μ μ 021 022.
- **407 -** μ μ / (μ μ)
- **456 -**
 ▪ μ , μ .
- **602 -**
 ▪ CR200 μ .
- **606 –** (Follow-On)
 ▪ CR200 μ μ μ μ .



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