

SOFTWARE V 2.8

1	2	3	A
4	5	6	B
7	8	9	C
*	Ø	#	D

MODE Ø (DTMF)

WHITE + SILVER BOX

1	2	3	KP
4	5	6	KP2
7	8	9	ST
C11	Ø	C12	2600

MODE 1 (MF 2 OF 6 700 - 1700 (200) + 2600)

BLUE BOX

5	10	25	25
5	10	25	25
5	10	25	25
5	10	25	25

MODE 2 (COINS) (17ØØ + 22ØØ 33 or 66 ms pulses)

RED BOX

DIAL-TONE	-	-	-
BUSY	-	-	-
RING	-	-	-
IC	-	-	-

MODE 3 (MISC TELCO SOUNDS)

MODE Ø	AUTO DIAL	-	-
MODE 1	INSERT PAUSE	-	-
MODE 2	CLEAR	-	-
MODE 3	-	-	-

FUNCTION KEYS

NEED PW TO USE

SOFTWARE DATA (PROGRAM) V 2.8

MAIN PROG. V 2.8

000 RESET

00E MAINLOOP

SUBROUTINES: V 2.8

200	<u>WAIT</u>	FOR DELAY	$T_L = 15 \text{ ns}$	}
209	<u>DUALTONE</u>	TWO TONES	$T_L = 75 \text{ ns}$	
227	<u>TONE</u>	ONE TONE	$T_L = 42.5 \text{ ns}$	

239 SCANKEY SCAN KEY PAD $F\phi = 1$ if No Key Pressed
 $F\phi = \emptyset$ if Key Pressed

R5' AND ACC. CONTAIN THE KEY IN UPPER 4 BITS
 KEY CODES :

$F\phi$	$E\phi$	$D\phi$	$C\phi$
$B\phi$	$A\phi$	9ϕ	8ϕ
7ϕ	6ϕ	5ϕ	4ϕ
*	0	#	0
3 ϕ	2 ϕ	1 ϕ	0 ϕ

259 WAITKEY WAITS FOR A KEYPRESS

R5' AND ACC. HOLD KEY CODE

25E CHECKPW GETS AND CHECKS A 6 DIGIT PW

27A BEEP BEEPS ONCE ~3000 Hz

28D EXEC DIALS OUT WHATS IN DIAL BUFFER

SOFTWARE DATA (SCRATCH PAD MEM.)
64 BYTES

<u>RB0</u>		<u>RB1</u>	
R0	FRAC 1	0	FRAC 2
R1	INT 1	1	INT2
R2	WADD 1L	2	WADD 2L
R3	WADD 1H	3	WADD 2H
R4	SCRATCH	4	SCRATCH.
R5	COUNT 0	5	FLAGS
R6	COUNT 1	6	KEY
R7	COUNT 2	7	BUFPTR

DIGIT BUFFER

FORMAT:
20 - 3FH

1	M	DIGIT	0	0
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R5' S 0 0 0 0 MODE

S=0 : Full Access
S=1 : Restricted

00H = PAUSE

STACK 8 - 17H