

# 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) (17¢ + 22¢ 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 WAIT FOR DELAY  $T_L = 15 \text{ NS}$

209 DUALTONE TWO TONES  $T_L = 75 \mu\text{s}$

227 TONE ONE TONE  $T_L = 48 \mu\text{s}$

}  $D = 16 T_L F$

239 SCANKEY SCANKEY PAD

$F0 = 1$  if No Key Pressed

$F0 = 0$  if Key Pressed

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

KEY CODES:

F0 <sup>1</sup>	E0 <sup>2</sup>	D0 <sup>3</sup>	C0 <sup>4</sup>
B0 <sup>5</sup>	A0 <sup>6</sup>	90 <sup>7</sup>	80 <sup>8</sup>
70 <sup>9</sup>	60 <sup>10</sup>	50 <sup>11</sup>	40 <sup>12</sup>
30 <sup>*</sup>	20 <sup>0</sup>	10 <sup>#</sup>	00 <sup>D</sup>

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  $\sim 3000 \text{ Hz}$

28D EXEC DIALS OUT WHATS IN DIAL BUFFER

SOFTWARE DATA

(SCRATCH PAD MEM.)  
64 BYTES

RB0

R0	FRAC 1
R1	INT 1
R2	WADD 1L
R3	WADD 1H
R4	SCRATCH
R5	COUNT 0
R6	COUNT 1
R7	COUNT 2

RB1

0'	FRAC 2
1'	INT 2
2'	WADD 2L
3'	WADD 2H
4'	SCRATCH.
5'	FLAGS
6'	KEY
7'	BUF.PTR

DIGIT BUFFER

20 - 3FH

FORMAT:

1	M	DIGIT	0	0
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00H = PAUSE

R5'	S	0	0	0	0	0	MODE
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S=0: Full Access

S=1: Restricted

STACK 8-17H