

CHEETAH



for
BBC MICROCOMPUTER
A&B (All Issues)

INSTRUCTIONS FOR USE

Enclosed with your "Sweet Talker" you will find a demonstration tape which will explain precisely how to program it.

In order to prevent damage to your "Sweet Talker" or computer please ensure that your computer is switched off before plugging or unplugging the unit.

To fit your "Sweet Talker":

Remove the lid by unscrewing two Philips screws at the rear of the computer and two fixing screws under the keyboard. Plug the unit into socket 'IC 99' with the keyboard towards you. The component side of the "Sweet Talker" should be to your right and the connector to your left. (see sketch)

Now simply load "Beebtalk" and make yourself a friend.

Please note that after loading the demonstration program if your circuit board is prior to issue 4 change #&40 at line 2080 to #&80

EXAMPLE "CHEETAH"

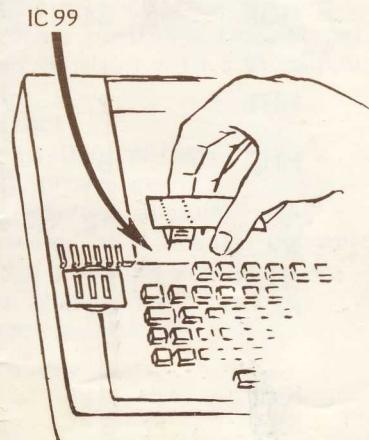
Machine code driver program.

```
5      P% = TOP + 100
10     C OPT 0
20     .SAY
30     STA &FE41
40     LDA #&0A : STA &FE40
50     LDA #&2 : STA &FE40
60     .WAIT
70     LDA #&40
80     BIT &FE40
90     BEQ WAIT
100    RTS
110    ]
```

Demonstration

```
120    DATA 50,19,13,15,15,0
130    FOR A=1 TO 6
140    READ A%
150    CALL SAY
160    NEXT A
```

Note: For BBC Circuit boards prior to issue 4 change #&40 at line 70 to #&80.



TABLE

SILENCE DURATION		DATA	
10ms		0	
30ms		1	
50ms		2	
100ms		3	
200ms		4	
LETTER	ALLOPHONE	DATA	EXAMPLES
A	*AE	26	extract, acting
	*AO	23	talking song
	*AX	15	lapel
	EY	20	great, statement, tray
	AR	59	farm, alarm, garment
	XR	47	hair, declare, stare
B	BB1	28	final position: rib; between vowels; fibber; in clusters; bleed, brown
	BB2	63	initial position before a vowel: beast
C	CH	50	church, feature, cheetah
D	DD1	21	final position: played, end
	DD2	33	initial position: down; clusters: drain
E	*EH	7	extent, gentlemen
	IY	19	treat, people, penny
	ER1	51	letter, furniture, interrupt
	ER2	52	Monosyllables; bird, fern, burn
	YR	60	hear, earring, irresponsible
F	*FF	40	may be doubled for initial position and used singly in final position; food
G	GG1	36	before high front vowels: YRI, IY, IH, EY, EH, XR, guest
	GG2	61	before high back vowels: UW, UH, OW, OY, AX; and clusters; green, glue
	GG3	34	before low vowels: AE, AW, AY, AR, AA, AO, OR, ER; in medial clusters; anger; and final position; peg
H	HH1	27	before front vowels: YR, IY, LH, EY, EH, XR, AE, HE
	HH2	57	before back vowels: UW, UH, OW, OY, AO, OR, AR: HOE
I	*IH	12	sitting, stranded
	AY	6	kite, sky, mighty
J	JH	10	judge, injure
K	KK1	42	before front vowels: YR, IY, IH, EY, EH, XR, AY, AE, ER, AX; initial clusters: cute, clown, scream
	KK2	41	final position: speak; final clusters: task
	KK3	8	before back vowels: UW, UH, OW, OY, OR, AR, AO; initial clusters: crane, quick, clown, scream

LETTER	ALLOPHONE	DATA	EXAMPLES
L	LL	45	like, hello, steel
	EL	62	little, angle, gentlemen
M	MM	16	milk, alarm, ample
	NN1	11	before front and central vowels: YR, IY, IH, EY, EH, XR, AE, ER, AX, AW, AY, UW; final clusters; earn
O	NN2	56	before back vowels: UH, OW, OY, OR, AR, AA: No
	NG	44	string, anger
	*UH	30	cookie
	*AA	24	pottery, cotton
	OY	5	noise, toy, voice
	UW2	31	in monosyllabic words: two, feed
	OW	53	zone, close, snow
	AW	32	sound, mouse, down
	OR	58	fortune, adorn, store
P	*AO	23	talking song
	PP	9	pleasure, ample, trip
Q	KK3	8	before back vowels: UW, UH, OW, OY, OR, AR, AO; initial clusters; crane, quick, clown, scream
R	RR1	14	initial position: read, write, x-ray
	RR2	39	initial clusters: brown, crane, grease
S	SS	55	may be doubled for initial position and used singly in final position: vest
T	SH	37	shirt, leash, nation
	DH1	18	word-initial position: this, then, they
	DH2	54	word-final and between vowels: bathe, bathing
	*TH	29	may be doubled for initial position and used singly in final position: thin
U	TT1	17	final clusters before SS: tests, its
	TT2	13	all other positions: test, street
U	UW1	22	alter clusters with YY: computer
	*UH	30	full
	*AX	15	instruct
	ER2	52	monosyllables; burn
V	VV	35	vest, prove, even
W	WW	46	we, warrant, linguist
Y	YY1	49	clusters; cute, beauty, computer
	YY2	25	initial position; yes, yarn, yo-yo
Z	ZZ	43	zoo, phase
	ZH	38	beige, pleasure

*These allophones can be doubled.

SERVICE INFORMATION

ONE YEAR GUARANTEE

Your new  product has been tested and inspected before leaving the factory: It is guaranteed against defective materials or workmanship for a period of one year from the original purchase date provided it has been properly operated and maintained:

During the above guarantee period, any defects in parts or workmanship will be repaired by Cheetah Marketing Limited at no charge, except for a handling and return transportation charge of £1.50 which must be enclosed when returning your unit for service: Make remittance by cheque or postal order payable to Cheetah Marketing Limited: Do not send cash or stamps: Return your unit postpaid to Cheetah Marketing Limited, Service Department, 57 Llantarnam Ind: Park, Cwmbran Gwent NP44 3AX (C.O.D: packages will not be accepted): Please pack your unit carefully with proper wrapping to avoid breakage as no liability can be accepted for damage or loss in transit: To expedite processing, please ensure nature of failure is indicated:

At its option, Cheetah Marketing Limited, may elect to replace the entire unit, rather than repair it:

This guarantee does not cover replacements of cases or screws:

This guarantee is **void** if the defect is due to use of the product for other than the purpose it is designed for, or to accidental damage (whether in transit or otherwise), misuse, neglect or repair other than by the manufacturer:

Cheetah Marketing Limited disclaim any liability for incidental or consequential damages:

This guarantee becomes effective only if a letter is completed and mailed within ten days of purchase giving the following details:

When and where purchased, with copy of receipt:

These statements in no way prejudice the statutory rights of the purchaser:

This applies to UK only:

Cheetah
Marketing



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