ELEKTRONIKA
MK 85

Version 1.0	Version 2.0
T234-2: CPU	КА1013ВМ1: CPU I/O
T241-2-014: LCD	КА1013ВГ2: LCD
T241-2-015: I/O	КА1013РЕ1: ROM
T242-2: ROM	КА1013РУ1: RAM
T244-2: RAM	

Features

Data Memory Cells: 26 to 178
Code Memory Cells: 1221
Files: 10
Language: BASIC
Numerical System: Decimal
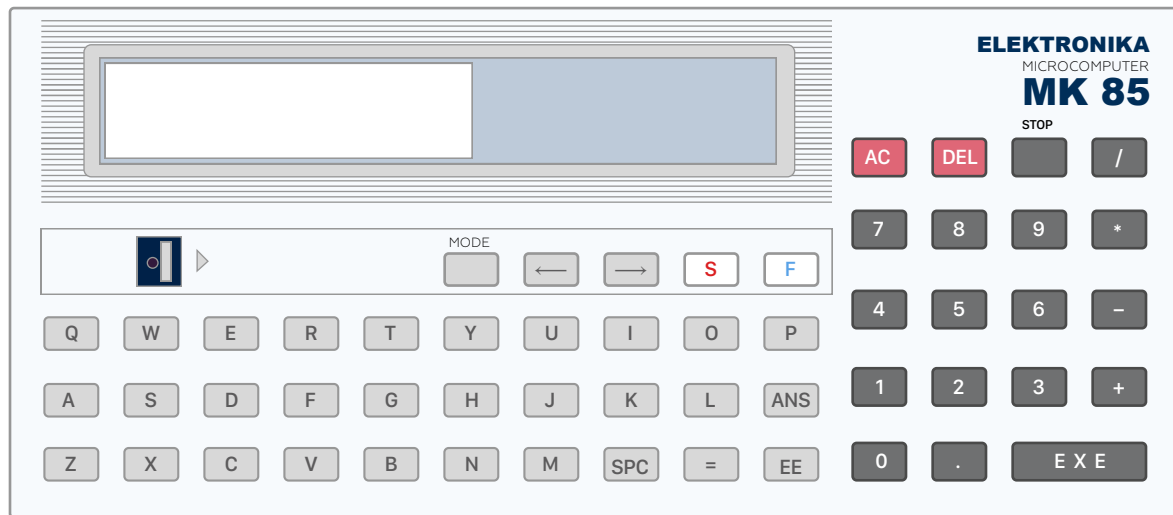Numerical Range: $\pm10^{-4095}$ — $\pm9{,}999999999*10^{4094}$
Power Consumption: 0,02W
Temperature: +5 — +40
Weight: 150 g
Sizes: 16 x 7 x 1 cm

Body

ELEKTRONIKA
MICROCOMPUTER
MK 85

		STOP	
AC	DEL		/
7	8	9	*
4	5	6	−
1	2	3	+
0	.	E X E	

MODE

← → S F

Q	W	E	R	T	Y	U	I	O	P
A	S	D	F	G	H	J	K	L	ANS
Z	X	C	V	B	N	M	SPC	=	EE

Keyboard

MK-85 has three codepages:
1) Latin (default);
2) Russian;
3) Symbols;
which could be selected with modifiers $\boxed{\text{MODE}}$, $\boxed{.}$ and $\boxed{\text{S}}$.
To switch between Latin and Russian modes use $\boxed{\text{MODE}}$ + $\boxed{.}$.
All input in MK-85 should be done sequentially key by key.
In Latin mode use $\boxed{\text{MODE}}$ before each key input for lowecase.
In Russian mode otherwise use $\boxed{\text{MODE}}$ to input in uppercase.
Symbols codepage accessible only from Russian codepage
using $\boxed{\text{S}}$ modifier before each key input.

Russian

Use $\boxed{\text{MODE}}$ + $\boxed{.}$ to reach Russian codepage if not yet.
Use $\boxed{\text{MODE}}$ for case sensitive input as shift.
Use cursors $\boxed{\leftarrow}$ and $\boxed{\rightarrow}$ for positioning carrier
and $\boxed{\text{DEL}}$ for deleting symbol
under cursor by cutting right.

STOP

Ё

Ч

Ш

Щ

MODE

Я В Е Р Т Ы У И О П

А С Д Ф Г Х Й К Л

З Ь Ц Ж Б Н М

# Latin S modifier

The S modifier allows you to enter such useful in programming symbols and also acts like a shortcuts to BASIC control primitives.

STOP

MODE

S

| ! | " | # | $ | (|) | ? | : | ; | , |

| GOSUB | FOR | TO | STEP | NEXT | GOTO | IF | THEN | PRINT | DRAWC |

| RETURN | STOP | END | DEFM | RUN | LIST | INPUT | LETC | ≠ | π |
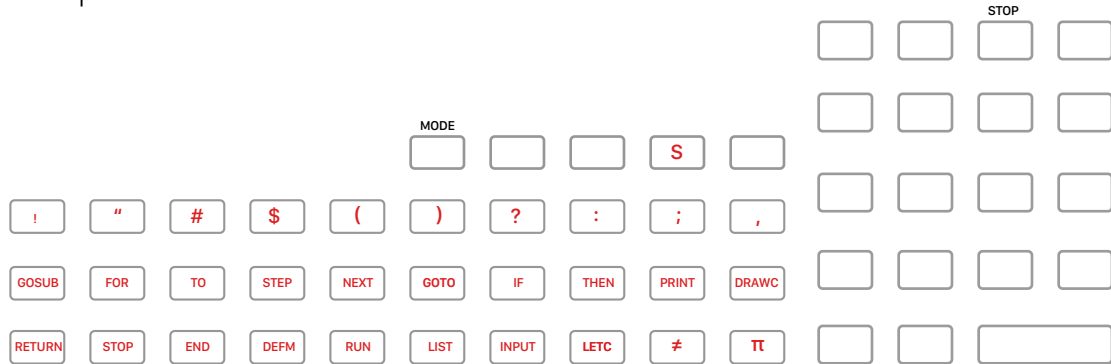
Russian S modifier

The S modifier in Russian mode
allow you to enter another useful
in programming symbols along with
special symbols which allows
to input programs in HEX mode.

STOP

MODE

S

%	'	@	¥	[	]	&	←	↓	→
○	□	△	×	÷	♠	♡	◇	♣	
■	·	°	_	Σ	Ω	μ			
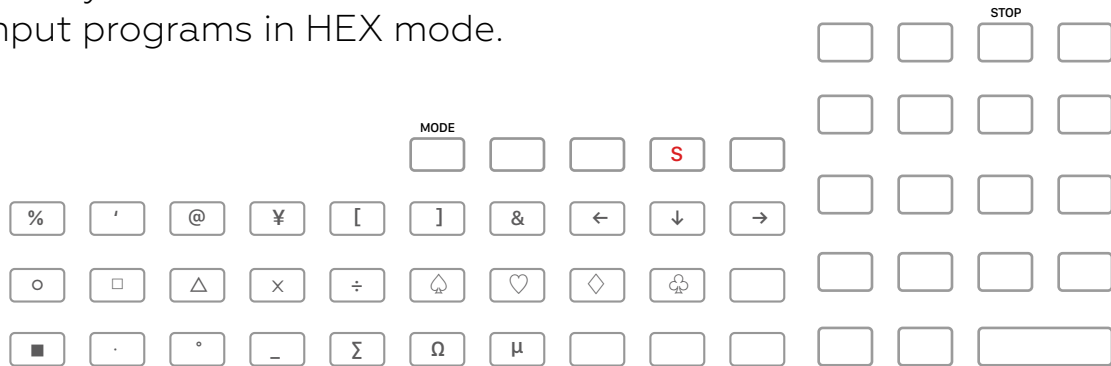
F modifier

The F modifier is useful for typing BASIC programs. It doesn't provide access to any special symbols.

STOP

MODE

F

SET	MODE	VAL	MID	LEN	KEY	CLEAR	VAC	RND(	AUTO
SIN	COS	TAN	ASN	ACS	ATN	LOG	LN	EXP	DRAW
SQR	ABS	SGN	INT	FRAC	RAN#	CSR	GETC	ASCI	CHR