

HISOFT PASCAL 4T IMPLEMENTATION NOTE  
APP IX SPECTRUM

Loading HP4 From Tape.

Unpack the cassette tape from its case and load it into your cassette recorder with Side A (the side with the label) uppermost. On your SPECTRUM make sure that you are in Keyword Entry Mode and then enter:

LOAD "" (press K and then " twice)

Now press PLAY on the tape recorder: first the HP4S loader will be loaded, this will execute automatically and proceed to load the HP4S code. If a tape error is detected then press the SPACE bar on the SPECTRUM, stop the tape, rewind to the start, press NEW (on the 'A' key) on the SPECTRUM and then enter LOAD "" again. If you still get a tape loading error then try adjusting the volume on your tape recorder; if errors persist please return the tape to Hisoft and we will replace it.

Once the HP4S code has been loaded it will execute automatically and the message 'Top of RAM?' will be displayed - now consult Section 0.0 of the Hisoft Pascal 4T Programmer's Manual for details of how to proceed.

Implementation on the SPECTRUM.

The IX SPECTRUM is a rather unusual computer and, to a certain extent, the implementation of HP4T reflects this. The various control codes discussed in the Programmer's Manual are reached as follows on the SPECTRUM.

RETURN	via the 'ENTER' key. KONEC VESTICE
CC	via CAPS SHIFT and 1. NABER VEDITOR
CH	DELETE i.e. CAPS SHIFT and 0. UBRISE ZADUZI NATIPKANI ZNAK.
CI	via CAPS SHIFT and 3. PRERAKUE NA NASLEBUJO TAB 70+10100
CP	not available yet.
CX	via CAPS SHIFT and 5 UBRISE PRANAR NATIPLANO VESTICE
CS	via CAPS SHIFT and SPACE. B

The IX SPECTRUM keyword entry scheme is not supported (we see this as a positive advantage), instead all text must be inserted using the normal alphanumeric keys. Using SYMBOL SHIFT and any key (except I) will always reach the ASCII symbol associated with that key and not the keyword e.g. SYMBOL SHIFT T gives 'T' and SYMBOL SHIFT O gives 'O'. You must not use the single symbols <=, > and >=; instead these should be entered as a combination of the symbols <, > and =.