LITHPERFECT: Lithuanian for WordPerfect
A Lithuanian Language Solution
for WordPerfect 5.1 Users

What is LithPerfect?

LithPerfect is a screen/keyboard/HP-compatible soft font solution available for simple WordPerfect 5.1-based word processing in the Lithuanian Language.

What Is Needed to Support LithPerfect?

- Any IBM-compatible computer that can support WordPerfect 5.1;

- EGA or VGA display adapter (that is if you want to view Lithuanian characters onscreen as they are being typed);

- HP LaserJet Series II or HP Series II-compatible laser printer capable of supporting bitmapped, downloadable soft fonts. Currently, this product does not provide printer support for dot matrix or inkjet printers.

- WordPerfect v5.1 PC, from WordPerfect Corp., installed on the PC's hard disk drive.

- Any version of MS or PC-DOS that supports the above.

What this Package Includes

The basic LithPerfect package includes the following files:

LITHMODE.COM	EGA/VGA screen handler for Lithuanian characters.
LITHKEY.WPK	WordPerfect 5.1 keyboard map for Lithuanian characters.
CO_____.PCP	Courier 12-point bitmap fonts, portrait
CO_____.PCL	Courier 12-point bitmap fonts, landscape
LPMANUAL.DOC	Instructions for using LithPerfect
HPLASEII.PRS	Soft Font definitions file for HP LaserJet Series II/compatible laser printers
WPHP1.ALL	HP LaserJet Series II/compatibles custom printer driver

How LithPerfect Works

Keyboard Map

The keyboard map has been designed to give you a fast, intuitive approach to entering Lithuanian characters in a WordPerfect 5.1 document without resorting to dead keys, pop-up lists of extended characters, or weird CTRL-2/code key combinations. Life should be easier than that! Several users agree that the keyboard map is fast and efficient. The keyboard map was created with the redefinition facility within WordPerfect.

Character Substitution

The extended ASCII character set (which in itself does not support Lithuanian) is used. Non-Lithuanian ASCII characters in the 129-255 range are intercepted by the screen driver and soft fonts. The assignment of characters is purely arbitrary and does not conform to any standard.

Soft Fonts

WordPerfect will send the Lithuanian fonts to the laser printer at print time. The driver has been set up to show the Lithuanian character sets in the HP Laserjet Series II font list.

Installing LithPerfect

Note: I am assuming that the user has a good understanding of WordPerfect 5.1's features and its installation program.

1. From the DOS command line, back up your original HP Series II printer definition file (WPHP1.ALL) and your custom fonts file (HPLASEII.PRS) and substitute the same-named files from the distribution diskette.

    These files may be located in your main WP directory (e.g., C:\WP51) or a custom subdirectory (e.g., C:\WP51\PRINTERS). Check to see how you've set up your personal copy of WordPerfect before trying anything. I recommend that you create separate subdirectories for your printer and keyboard files. It helps to stay organized.

    Back up old printer files:

    - e.g., RENAME WPHP1.ALL WPHP1.BAK <enter>
    - e.g., RENAME HPLASEII.PRS HPLASEII.BAK <enter>

    Copy new printer files from distribution diskette:

    - e.g., COPY A:\WPHP1.ALL <enter>
    - e.g., COPY A:\HPLASEII.PRS <enter>

2. Copy the Courier Lithuanian 12pt soft fonts (portrait and landscape) to the same directory where the printer files are located.

    e.g., COPY A:\CO*.PC* C:\WP51\PRINTER (or whatever) <enter>

    DOS should respond with: 2 File(s) Copied.

3. Copy the Lithuanian keyboard map (LITHKEY.WPK) to your main WP directory (e.g., C:\WP51) or a custom subdirectory (e.g ., C:\WP51\KEYBOARD):

    e.g., COPY A:\LITHKEY.WPK C:\WP51\KEYBOARD (or whatever) <enter>

4. Copy the Lithuanian EGA/VGA screen driver (LITHMODE.COM) to your main WP directory (e.g., C:\WP51):

   e.g., COPY A:\LITHMODE.WP C:\WP51 (or whatever) <enter>

5. Start WordPerfect 5.1.

6. Press SHIFT-F1 (Setup).

7. Select "5", Keyboard Layout. Choose "LITHKEYS.WPK" by pressing 1 (Select) and <enter>.

8. Select Shift-F7 (Printers), then "S" to select a printer. Choose "HP LaserJet Series II" by pressing 1 (Select) and <enter>.

9. Edit the batch file that loads WordPerfect by adding the following information:

>>	Old Batch File	>>	New Batch File
	cd\wp51		cd\wp51
	wp		lithmode
	...		wp
			mode co80
			...

The batch file on the right loads LITHMODE.COM (screen driver) before starting WordPerfect. LITHMODE does not occupy any memory and can be removed with a DOS "MODE CO80" command (load 80-column colour mode). Lines at position "..." can contain other entries (like a command to load a menu, for example).

You're done! Installation completed. You are now ready to create Lithuanian documents with WordPerfect.

Keyboard Template for LITHKEY.WPK

Note: LITHMODE.COM must be loaded to view the template.

Character	Ç	ü	é	â	É	æ	å	ç	ê	ë	î	ì	è	ï	ä	à	Ä	Å	Æ
CTRL +	a		c		e		i		s		u		y		w		z		x
ALT +		a		c		e		i		s		u		y		w		z	

The table above is your guide to typing Lithuanian characters from the keyboard. Simply press CTRL or ALT and the letter shown beneath the character desired and it will show up on your screen (and in print).

Hints and Tips on Using LithPerfect

- Remember to select a Lithuanian font as a base font (CTRL-F8) before typing a Lithuanian document. Otherwise, printing it will lead to some strange results.

- Portrait and landscape modes are supported. Just choose a paper size/orientation and the rest will be taken care of for you.

- Page preview will not work. You will all sorts of strange characters if you try it.

- Some of the line spacing may appear to be too large. You can experiment with line spacing with SHIFT-F8, L (line), S (spacing). Try a value less than 1 to tighten up line spacing. I recommend 0.9 or 0.8 values, but you can adjust them to suit your needs.

- Courier 12-point type is the only Lithuanian font supplied with this package.

Who/What Is Zalgiris?

"Zalgiris" (Zhal-gi-ris) is a forest on the border of western Lithuania and Poland. The Zalgiris Technology Initiative is an attempt to narrow the technology gap between the west and the newly-independent Baltic Republics. The areas Zalgiris will concentrate on are language support and communications. Zalgiris is a non-profit idea. However, modest fees may be charged for future products or fonts to recover out-of-pocket expenses (only). It is time-consuming and expensive to produce some of the materials.

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