KbdKaz 500 manual

Application version: 1.9
Document version: A24

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1. Description

KbdKaz 500 keyboard layout lets you enter over 600 additional letters and symbols, which are inaccesible in normal keyboard layouts. The idea is to use standard keyboard with US layout labels.

The program is simply a dll file, analogous to existing keyboard layouts in Windows. So you can change keyboard layouts and languages in the same way, you are used to, using standard system tools. The dll file name contains the layout symbol e.g. kbdUSkaz.dll, kbdDEkaz.dll and so on.

This method of changing keyboard layout is **safe**, because there are no additional programs, keyboard filters, network access to web pages, etc.

For every Windows version there is a special dll file, so the installer must always be used. The installer supports Windows 2000 and all later Windows versions, 32 and 64 bit.

During installation, you can choose one of layouts: QWERTY, QWERTZ or AZERTY

You can also choose decimal symbol on the numeric keypad - comma or dot.

Several keyboard buttons can be changed or disabled:

- Left/Right Shift
- Left/Right Control
- Left/Right Alt
- Left/Right Windows
- Applications key
- key 102
- Tab
- Caps Lock
- Scroll Lock
- Num Lock

These settings are valid only for currently selected KbdKaz 500 keyboard.

To enter additional characters, we use two basic methods:

- AltGr key (right Alt). Instead of right Alt, one can use left Alt + Ctrl combination, which is a standard method in Windows.
  To enter a character, you must press AltGr and other key simultaneously.

- The idea of dead keys, used in many Windows keyboard layouts.
  To enter accented character or symbol, you should first press a key
  (or key combination), then release the buttons and press other button.
  When no character is assigned for dead key combination, you get two characters
  entered.. E.g. dead key ‾ and q, results ‾q. But ‾ and a, gives ā.

Standard characters, which are painted on the keys, are entered as usual, with the only exception of ` character. If you want to enter (`) character, press (`) and then space key. Additionally, for Alt functionality use only left Alt key.

How to remember location and key combinations for 600 additional characters ?

To enter a character or symbol, you have to press and release a deadkey and then another key. Which deadkey and which key ?

1. Most symbols are available at (`) deadkey. Some symbols are also at (AltGr+`) and (AltGr+/) deadkeys, and some frequently used symbols are accesible with AltGr.

   To find a key, you need to remember a few easy rules:
   - Symbol meaning similarity
   - Symbol view similarity
   - English name
   - Nearness of other known key
   - Other associations

2. To enter accented letters, you have to find only an accent deadkey. Some accent symbols exists on the physical keyboard: ` ~ ^ 0 - / : ' " , . Other accents are logically placed around these known accent keys.

3. Look at the layout diagrams, read character remember tables below **at least once**.
   This will give you an idea of the placement philosophy.

KbdKaz 500 exists in many language versions, which differ only in AltGr key combination for letters. This can speed-up entering national characters. The actual list of language versions is available at http://www.omega-com.pl/kbdkaz.htm.

Remember that some characters can be absent in the font you use, and a text editor will improperly display the character. In this case you need to change the font.
This document was written using DejaVu Serif font.
The symbols available in KbdKaz 500 exist in many popular fonts.

Full set of characters is available only for Unicode or UTF-8 encoding.
If you use other encoding style, e.g. CP1252 (Western), the number of available characters significantly decline.

Some **AltGr key combinations may interfere** with applications shortcut keys.
You may need to customise shortcut keys in these applications.

2.   (AltGr + key) combination schema and description.

To enter a character, press simultaneously AltGr and the appropriate key.

Schema description:
Symbols entered with AltGr are marked green.
Accent symbols entered with dead keys are marked red.
Dead keys activated by AltGr are marked with yellow background.

The symbols on the top of the key are entered with Shift key, symbols on the bottom of the key are entered without Shift.
Black characters are entered normally as usual.

AltGr Symbols and dead keys common for all Latin and Greek language versions:

Character remember table

		Characters entered with AltGr		Characters entered with Shift + AltGr
~ ˜ ` ˇ	`	Grave accent, the **same** as the **label** on the key	~	Tilde accent, the **same** as the **label** on the key
! ¡ 1 ¤	¤	**one** universal **currency** symbol	¡	**reversed !** character also entered with Shift
@ ½ 2 ¥	¥	the **currency** with **two** bars	½	1 / **2**
# ¾ 3 £	£	the pound **currency** symbol is sometimes marked **#**	¾	**3** / 4
$ ¼ 4 €	€	popular **currency** on the same key as other popular **currency**	¼	1 / **4**

Key	Char	Description	Char	Description
% № 5‰	‰	character **similar** to %	№	character connected to **numbers** and also with little **circle like** % and ‰
^ ¶ 6 ^	^	Circumflex accent the **same** as the **label** on the key	¶	English **paragraph** sign **near section** sign §
& § 7 ˇ	ˇ	Caron accent, → **reversed** ^ accent, **similar** to rotated 7	§	section sign, highly curved shape, **like** & on the key also entered with Shift
* × 8 ˘	˘	Breve accent, **similar** to ˇ accent **like** lower part of 8	×	**multiplication** sign, in computers asterisk means **multiplication**, also entered with Shift
(• 9 •	•	Dot Above accent **like** small circle in 9	●	**filled circle, like** small **circle** in 9 and like Dot Above accent
) ° 0 °	°	**Ring** Above accent **like round** 0 and **like** degree sign	°	degree sign like **round** 0
– — - -	¯	Macron accent → upper **bar** like **bars** marked on the key	—	Em-Dash → horizontal **bar** like **bars** on the key available in most fonts
+ ± = ≈	≈	character **similar** to =	±	character **similar** to + also entered with Shift
{ « [‹	‹	**left** guillemot on the key marked with **left** brackets	«	**double** left guillemot
} »] ›	›	**right** guillemot on the key marked with **right** brackets	»	**double** right guillemot
| ¦ \ α	α	Greek letters remember as: \ → **back**slash → back → history → **Greece**	¦	character similar to |, also entered with Shift
: ∙ ; ∙∙	¨	Diaeresis accent → **two dots** above, on the key with **two dots**	.	**Dot** Below accent, similar to **dots** label on the key
" ″ ' ′	´	Acute accent, **similar** to (') label on the key	″	Double Acute accent, **similar** to (") label on the key
< ≤ , ¸	¸	Cedilla and Ogonek accents, **similar** to comma label on the key	≤	character **similar** to < also entered with Shift
> ≥ . ж	Ж	Cyrillic letters deadkey	≥	character **similar** to > also entered with Shift
? ¿ / /	/	Stroke and **Slash** accent, **similar** to **slash** label on the key	¿	**reversed** ¿ character also entered with Shift

3. Programmer Keys

You can enable Programmers Keys during installation. When enabled, you can easily enter frequently used symbol combinations: < > -> /* */ <!-- --> <![CDATA[ ]]> := ::=

Some old programs are incompatible with multiple keys (ligatures) sent by the keyboard, and will beep while using Programmer Keys.

Incompatible programs include: Windows Notepad, Microsoft Visual C 6.0 and earlier.

Compatible programs include: Windows WordPad, Microsoft Visual Studio 2003 and later, Eclipse, Notepad++, Microsoft Office 2007, etc.

Alt-Gr ligatures on **Latin Programmers** keyboard layouts

For example: if you want to enter -> , press AltGr + (.).
Another example: <![CDATA[is accessible by pressing AltGr+Shift+9.

When Programmer Keys enabled, the dead key for accessing cyrillic keys is moved to combination of keys AltGr+Shift + (\) .

The symbols • ° ≈ ± ‹ › « » ¦ ≤ ≥ can be accessed by 'Stroke and Slash' deadkey AltGr + (/).

4. Symbols entered with dead key (`)

On the upper left site of the keyboard there is a key marked with characters (`) and (~). The tilde character (~) is entered as usual - with Shift.

The (`) character is very rarely used, so this key is a dead key, and is used for entering symbols. If you require to type (`) character, you need to press (`) button, then space. This method is common for all dead keys.
For example the umlaut character alone (¨) can be obtained by pressing and releasing AltGr+(;) and than space.

The general rule of using dead keys: **first press and release** dead key
(or key combination), **then press** and release appropriate next key.

The keys with Shift are entered in similar fashion: **first press and release** dead key
(or key combination), **then press** and **hold Shift** and appropriate next key.

` Additional symbols dead key

Character remember table

		Characters entered after dead key (`)		Characters entered with Shift after dead key (`)
! 1 / n	n	superscript letter 'n' **similar** to superscript digits on the right	¹⁄	fraction numerator
! 1 ⅓ 1	1	character **similar** to 1	⅓	**1** / 3
@ 2 ⅔ 2	2	character **similar** to 2	⅔	**2** / 3
# 3 ⅜ 3	3	character **similar** to 3	⅜	**3** / 8
$ 4 ₪ ¢	¢	currency symbol **like** $ and €	₪	currency symbol **like** $ and €
% 5 ⅝ ‰	‰	character **similar** to %	⅝	**5** / 8
^ 6 ¾ ¶	¶	like with Shift+AltGr English **paragraph** sign near **section** sign §	¾	**6** / 8
& 7 ⅞ §	§	like with Shift+AltGr highly curved shape, **like** & on the key, also entered with Shift	⅞	**7** / 8
* 8 ⅛ ×	×	like with Shift+AltGr **multiplication** sign, in computers asterisk means **multiplication**	⅛	1 / **8**
(9 ʻ •	•	like with Shift+AltGr **filled circle, like** small **circle** in 9	ʻ	left half ring, **like** parenthesis on the key
) 0 ʼ °	°	like with Shift+AltGr degree sign like **round 0**	ʼ	right half ring, **like** parenthesis on the key
– - ⌐ ¬	¬	not sign connected to **minus** sign	⌐	**reversed** not sign connected to **minus** sign
+ = ≠ ≡	≡	Identical To sign **similar** to =	≠	Not Equal To sign **similar** to =
{ [↓ ←	←	**left** arrow on the key with **left** brackets	↓	down arrow
}] ↑ →	→	**right** arrow on the key with **right** brackets	↑	up arrow
| \ ↕ ↔	↔	left-right arrow **near** keys with arrows	↕	up-down arrow **near** keys with arrows **similar** to vertical bar on the key
: ; " '	'	**left** upper **quote** is on the **left** of right upper **quote**	"	double **left** upper **quote** is on the **left** of double right upper **quote**
" ' " '	'	right upper quote **similar** to (') character on the key	"	double right upper quote **similar** to (") character on the key

< „ , ,	‚	lower quote **similar** to **comma** on the key	„	**double** lower quote
> · . ⋯	⋯	ellipsis → 3 **dots** **like dot** on the key	·	middle **dot** **like** dot on the key
? ☼ / ÷	÷	**division** sign connected to **division** slash marked on the key	☼	Sun with rays, why here **?**

		Characters entered after dead key `		Characters entered with Shift or CapsLock after dead key `
Q ‽ q ‽	‽	interrobang character → ?! **Q**uestion Mark **near** **Exclamation** Mark	‽	the **same** as without Shift
W ◊ w ◊	◊	lozenge character letter **w** cut and inverted upside down w → vv → v^ → ◊	◊	the **same** as without Shift
E e e e	e	**E**stimated Symbol	e	the same as without Shift
R ® r ®	®	**R**egistered Sign	®	the **same** as without Shift
T ™ t ™	™	**T**rade Mark Sign	™	the **same** as without Shift
Y ℠ y ℠	℠	Service Mark **near similar** ™ character	℠	the **same** as without Shift
U ‡ u †	†	Dagger **like** cross found on graves, which are **U**nderground	‡	**Double** Dagger
I ∩ i ∞	∞	**I**nfinity	∩	**I**ntersection
O º o º	º	Masculine Ordinal Indicator **like** letter o	º	the **same** as without Shift
P Π p Π	Π	Greek letter **p**i	∏	Product, **like** uppercase **p**i, this is other character than Greek uppercase letter pi
A ª a ª	ª	Feminine Ordinal Indicator **like** letter a	ª	the **same** as without Shift
S ∑ s ∑	∑	**S**ummation this is other character than Greek uppercase letter sigma	∑	the **same** as without Shift
D Δ d Δ	Δ	Increment sign **like D**elta this is other character than Greek uppercase letter delta	Δ	the **same** as without Shift
F ƒ f ƒ	ƒ	small letter **f** with hook	Ƒ	uppercase letter **f** with hook
G ∂ g ∂	∂	partial differential **like inverted g** letter	∂	the **same** as without Shift

H ♥ h ♥	♥	**H**eart	♥	the **same** as without Shift
J ∫ j ∫	∫	integral **similar** to character **J**	∫	the same as without Shift
K ☻ k ☺	☺	you can connect this to kbd**K**az (first name of the program author)	☻	you can connect this to kbd**K**az (first name of the program author)
L ∟ l ℓ	ℓ	script e**l** letter	∟	right angle symbol **similar** to letter **L**
Z ℧ z ℧	Ω	**Ohm** symbol, **last** letter of Greek alphabet **like z**, this is other character than Greek uppercase letter omega	℧	Inverted **Ohm** symbol
X ℗ x ℗	℗	Sound Recording Co**p**yright **near similar** © character	℗	the **same** as without Shift
C © c ©	©	**C**opyright Sign	©	the **same** as without Shift
V ∛ v √	√	square **root** **similar** to letter v	∛	cube **root**
B ß b ß	ß	German scharfes S character **similar** to **b**eta, this is other character than Greek letter beta	ß	the **same** as without Shift
N ♫ n ♪	♪	**N**ote	♫	double **Note**
M µ m µ	µ	**m**icro sign → prefix 0.000001 e.g. µm, this is other character than Greek letter micro	µ	the **same** as without Shift

5. Grave accent (`), and additional symbols.

Press and release two keys: AltGr + (`), then press appropriate key.

` Grave accent and symbols dead key (AltGr + `)

Character remember table

		Characters entered after dead key AltGr + `		Characters entered with Shift after dead key AltGr + `
(□ 9 ■	■	small filled square **connected** to small circle in 9	□	small outline square

Key	Symbol	Description	Symbol	Description
) □ / 0 ■	■	big filled square **connected** to big circle in 0	□	big outline square
– / _ -	▬	**horizontal** thick **bar** **connected** to **bars** on the key	—	upper **bar** **connected** to **bars** on the key
+ / =	■	fully filled block **near** other filled elements		
{ ▼ / [◄	◄	filled **left** arrow connected to **left** brackets	▼	filled down arrow
} ▲ /] ►	►	filled **right** arrow connected to **right** brackets	▲	filled up arrow
| / \	▌	left half block **connected** to vertical bar on the key	▐	right half block **connected** to vertical bar on the key
: / ;	▄	lower half block **near** other blocks	▀	upper half block **near** other blocks
" ″ / ' ′	′	minute, **similar** to the symbol on the key	″	second, **similar** to the symbol on the key
< / ,	░	block filled 25% **near** other blocks		
> / .	▒	block filled 50% **near** other blocks		
? / /	▓	block filled 75% **near** other blocks		

		Characters entered after dead key AltGr + (`)		Characters entered with Shift or CapsLock after dead key AltGr + (`)
S ♤ / s ♠	♠	card symbol **S**pades	♤	**S**pades contour
D ♢ / d ♦	♦	card symbol **D**iamonds	♢	**D**iamonds contour
H ♡ / h ♥	♥	card symbol **H**earts this is the same symbol as entered with dead key (`) + h combination	♡	**H**earts contour
C ♧ / c ♣	♣	card symbol **C**lubs	♧	**C**lubs contour
F ♀ / f ♀	♀	**F**emale sign	♀	the same as without Shift
M ♂ / m ♂	♂	**M**ale sign	♂	the same as without Shift
W Ẁ / w ẁ		lowercase letters with grave accent		uppercase letters with grave accent

6. Tilde accent (˜)

Press and release Shift + AltGr + (`), then press appropriate key.

Available letters: ẽ ỹ ũ ĩ õ ã ṽ ñ ẫ ẳ ễ ỗ ỡ ữ Ẽ Ỹ Ũ Ĩ Õ Ã Ṽ Ñ Ẫ Ẳ Ễ Ỗ Ỡ Ữ

7. Circumflex accent (^)

Press and release two keys: AltGr + 6, then press appropriate key.
Available letters: ŵ ê ŷ û î ô â ŝ ĝ ĥ ĵ ẑ ĉ Ŵ Ê Ŷ Û Î Ô Â Ŝ Ĝ Ĥ Ĵ Ẑ Ĉ

8. Caron accent (ˇ)

Press and release two keys: AltGr + 7, then press appropriate key.

Available letters: ě ř ť ǔ ǐ ǒ ǎ š ď ǧ ȟ ǰ ǩ ľ ž č ň ǚ
Ě Ř Ť Ǔ Ǐ Ǒ Ǎ Š Ď Ǧ Ȟ Ǩ Ľ Ž Č Ň Ǚ

9. Breve accent (˘)

Press and release two keys: AltGr + 8, then press appropriate key.
Available letters: ĕ ŭ ĭ ŏ ă ğ ḫ Ĕ Ŭ Ĭ Ŏ Ă Ğ Ḫ, and ș ț Ș Ț

10. Dot Above accent (˙)

Press and release two keys: AltGr + 9, then press appropriate key.
Available letters: ẇ ė ṙ ṫ ẏ ı ȯ ṗ ȧ ṡ ḋ ḟ ġ ḣ ŀ ż ẋ ċ ḃ ṅ ṁ
Ẇ Ė Ṙ Ṫ Ẏ İ Ȯ Ṗ Ȧ Ṡ Ḋ Ḟ Ġ Ḣ Ŀ Ż Ẋ Ċ Ḃ Ṅ Ṁ

11. Ring Above and Horn accents (°)

Press and release two keys: AltGr + 0, then press appropriate key.
Available letters: ẘ ẙ ů å ẚ Ů Å Å, ơ ư Ơ Ư. Here are also letters: ŧ đ Ŧ Đ.

12. Macron and Line Below accents (¯)

Press and release two keys: AltGr + (-), then press appropriate key.

Available letters: ē ȳ ū ī ō ā ḡ ǖ Ē Ȳ Ū Ī Ō Ā Ḡ Ǖ
ḇ ḏ ḵ ḻ ṉ ṟ ẕ ẖ Ḇ Ḏ Ḵ Ḻ Ṉ Ṟ Ẕ

13. Greek letters

Press and release two keys: AltGr + (\), then press appropriate key.

The keys layout is identical to standard Greek keyboard.
These are real Greek characters. E.g. Greek P is different from latin letter P,
although looks the same.

14. Diaeresis (umlaut) accent (¨)

Press and release two keys: AltGr + (;), and next appropriate key.

Available letters: ẅ ë ẗ ÿ ü ï ö ä ḧ ẍ Ẅ Ë Ÿ Ü Ï Ö Ä Ḧ Ẍ

15. Dot Below accent (.)

Press and release two keys: AltGr + (.), then press appropriate key.

Available letters: ẉ ẹ ṛ ṭ ỵ ụ ị ọ ạ ṣ ḍ ḥ ḳ ḷ ẓ ṿ ḅ ṇ ṃ ậ ặ ệ ộ ợ ụ
Ẉ Ẹ Ṛ Ṭ Ỵ Ụ Ị Ọ Ạ Ṣ Ḍ Ḥ Ḳ Ḷ Ẓ Ṿ Ḅ Ṇ Ṃ Ậ Ặ Ệ Ộ Ợ Ụ

16. Acute accent (´)

Press and release two keys: AltGr + ('), then press appropriate key.

Available letters: ẃ é ŕ ý ú í ó ṕ á ś ǵ ḱ ĺ ź ć ń ḿ ã ǎ é ő ő ú ű
Ẃ É Ŕ Ý Ú Í Ó Ṕ Á Ś Ǵ Ḱ Ĺ Ź Ć Ń Ḿ Å Å É Ő Ó Ú Ű

17. Double Acute accent (˝)

Press and release three keys: Shift + AltGr + ('), then press appropriate key.

Available letters: ű ő Ű Ő, and ligatures: ﬀ ﬁ ﬃ ﬂ ﬄ

18. Cedilla and Ogonek accents (¸)

Press and release two keys: AltGr + (,), then press appropriate key.

Available letters: ę ȩ ŗ ţ ų į o̧ ą ş ḑ ģ ḩ ķ ļ ç ņ
Ę Ȩ Ŗ Ţ Ų Į Ǫ Ą Ş Ḑ Ģ Ḩ Ķ Ļ Ç Ņ

The letter (e) can have Ogonek and Cedilla, therefore (e) Cedilla is under (w).

19. Stroke and Slash accents (/)

Available letters: ə ƒ ø ǿ ǥ ħ ł đ ʒ ǯ Ǝ Ɍ Ø Ǿ Ǥ Ħ Ł Ʒ Ǯ þ Þ ð Đ ŋ Ŋ,
ligatures: œ Œ æ ǽ Æ Ǽ ĳ Ĳ,
symbols: ₩ • ° — ≈ ± ‹ › « » ¦ ‖ ` ˝ ‴ ´ ″ ‶ ≤ ≥

20. Cyrillic letters

Press and release two keys: AltGr + (.), then press appropriate key.

The keys layout is similar to Russian phonetic yazherty layout.
You can write texts in the following languages: Russian, Ukrainian, Belarusian, Bulgarian, Serbian, Macedonian, Moldovan, Turkmen, Uzbek.

When Programmer Keys enabled, the dead key for accessing cyrillic keys is moved to combination of keys AltGr+Shift + (\) .

21. Cyrillic extended key

This key exist only in Cyrillic bilingual keyboard layouts (Russian, Ukrainian, Belarusian).
Press and release two keys: AltGr + (=), then press appropriate key.

Gives access to additional Cyrillic characters, from the following languages:
Russian, Ukrainian, Belarusian, Bulgarian, Serbian, Macedonian, Moldovan, Turkmen, Uzbek, Tajik, Mongolian, Tatar, Kyrgyz, Yakut, Kazakh and Bashkir.

22. Greek accents tonos (´),dialytika (¨), dialytika with tonos (΅)

These deadkeys exist only in Greek keyboard. We use them without AltGr key.

For example: press and release key 'q' then 'a', to obtain ά.
Another example: dead key Shift+'q' with 'y', results with ΰ.
The table of layouts is contained in additional PDF file.

23. National language versions

All the versions are identical with the exception of AltGr + letter assignment.
This can sped-up entering frequently used accented letters.

Each of the versions should be installed and selected separately in the operating system.
The table of layouts is contained in additional PDF file.

24. Bilingual layout versions switchable by AltGr or CapsLock

Some keyboard layouts allows easy access to latin/non latin characters by using AltGr key.

For example: US + Russian keyboard layout have latin characters assigned for all keys.
But with AltGr button pressed, the keys enter Russian characters.

Similarly, Russian + US keyboard layout have Russian characters, and with AltGr,
the same keys enter latin characters.

Optionally, during installation, you can enable CapsLock switching:

Enter primary language characters with CapsLock **off**,
enter secondary language characters with CapsLock **on**.

The AltGr switching remains intact. To enter capital letters, use Shift key.

The accented characters are still accessible through the same deadkeys,
regardless of CapsLock state.

The table of layouts is contained in additional PDF file.

25. Additional installation options

During installation of each language version of KbdKaz 500, user can choose:

- QWERTY, QWERTZ or AZERTY layout.
- decimal dot or comma on the numeric keypad.
- Programmer Keys (on Latin layouts) or CapsLock switching (on bilingual layouts)
- other keys assignement.

26. Examples:

char	key combination (+ sign means you should press the keys simultaneously)
€	AltGr + [$ ¼ / 4 €]
¢	[~ `] next [$ ½ / 4 ¢]
№	AltGr + Shift + [% № / 5 ‰]
ё	AltGr + [: .. / ; ..] next [E Ë / e ё]
Á	AltGr + [" ″ / ' ´] next Shift + [A Á / a á]
µ	[~ `] next [M µ / m µ]
‹	AltGr + [{ « / [‹] or AltGr + [? ¿ / / /] next [{ « / [‹]
»	AltGr + Shift + [} » /] ›] or AltGr + [? ¿ / / /] next Shift + [} » /] ›]
œ	AltGr + [? ¿ / / /] next [E Œ / e œ]
°	[~ `] next [) ☼ / 0 °]
Λ	AltGr + [| ¦ / \ α] next Shift + [L Λ / l λ]
♂	AltGr + [~ `] next [M ♂ / m ♂]
fl	AltGr + Shift + [" ″ / ' ´] next [L ffl / l fl]
Ő	AltGr + Shift + [" ″ / '] next Shift + [O Ő / o ő]
§	[~ `] next [& ⅞ / 7 §] or AltGr + Shift + [& § / 7 ˇ]
▼	AltGr + [~ `] next Shift + [{ ▼ / [◄]
¿	AltGr + Shift + [? ¿ / / /]
Ш	AltGr + [> ≥ / . ж] next [{ / []

27. All characters:

1234567890qwertyuiopasdfghjklzxcvbnm
QWERTYUIOPASDFGHJKLZXCVBNM
⌐ ¬ - — ― = ≠ ≡ ≈ ~ ^ * × + ± ÷ ! ¡ ? ¿ ℙ ¶ & § _ ‾
() [] {} <> ≤ ≥ ‹› «» | ¦ ‖ \ / . , : ; … · • °
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ēȳĩõāṽñãêõåũõ ĒȲĨÕÃṼÑÃ ÊÕÅŨÕ
ŵêŷûîôâ ŝĝĥĵẑĉ ŴÊŶÛÎÔÂŜĜĤĴẐĈ
ĕřťŭĭŏăšďğĥ ĵ kľžčňŭ ĔŘŤŬĬŎĂŠĎ ĞĤ ĶĽŽČŇŬ
ĕŭĭŏăğ ḥ ĔŬĬŎĂ Ğ Ḥ ẘẙůåå ơ ưŮÅ Å ƠƯ
ẇeṙ ṫẏⁱ òpȧ ṡ d fġ ḣ ḷ żẋċ ḃṅ ṁ Ẇ ÈṘ Ṫ Ỳ Ï Ọ PȦ ṠDFĠḢḶ ŻẊ
ĊḂṄṀ ē ṭ ȳ ū ī ō ā ū g đ Ē Ṭ Ȳ Ū Ī Ō Ā Ŭ Ǵ Đ ḅḍķḷṇṛ ṭẓḥ ḄḌ Ḳ Ļ Ņ
Ṛ Ṭ Ẓ ẅ ë ÿ ü ï ö ä ḧ ẍ Ẅ Ë Ÿ Ü Ï Ö Ä Ḧ Ẍ ẉ ẹ ṛ ṭ ỵ ụ ị ọ ạ ṣ ḍ ḥ ḳ ḷ ẓ ṿ ḅ ṇ
ṃ ẚ â ê ộ ơ ư Ẇ Ẹ Ṛ Ṭ Ỵ Ụ Ị Ọ Ạ Ṣ Ḍ Ḥ Ḳ Ḷ Ẓ Ṿ Ḅ Ṇ Ṃ Ặ Â Ê Ộ Ọ Ư
ẃeŕ ýúíóṕáśǵ ḱ ĺ ź ć ń ḿ ü å å ê ó ó ú Ẃ É Ŕ Ý Ú Í Ó Ṕ Á Ś Ǵ Ḱ Ĺ Ź
Ć Ń Ḿ Ǚ Å Å Ê Ô Ó Ú ẹ ṛ ṭ ụ ị ọ ạ ṣ ḍ ģ ḥ ķ ḷ ç ņ Ẹ Ṛ Ṭ Ụ Ị Ọ Ạ Ṣ Ḍ Ģ Ḥ Ḳ
Ļ Ç Ņ ę Ę ṭ Ṭ ő ű Ő Ű ș Ș fi ffi ff fl ffl æ Æ ǽ Ǽ ə Ə œ Œ ꜰ Ʀ Þ þ
ij IJ ø Ø ǿ Ǿ ſ ʃ ð Đ ɡ Ǥ ħ Ħ ł Ł ʒ Ʒ ǯ Ǯ ŋ Ŋ
çερτυθιοπασδφγηξκλζχψωβνμρϑϒ⅄ƶⱪ⅄Ҷʊвφ
ÇΕΡΤΥΘΙΟΠΑΣΔΦΓΗΞΚΛΖΧΨΩΒΝΜ
яжертыуиопшщюасдфгчйкльъзхцвбнмэёє цђћљњ
jŕ ѝ ії ѳ y ў ЯЖЕРТЫУИОПШЩЮАСДФГЧЙКЛЬЪЗХ
ЦВБНМЭЁЄ ЦЂЋЉЊЈЃ Ѝ ІЇ Ѳ Y Ў

(797)

28. Tips.

When new keyboard layout is added, operating system sets a key sequence to switch between input locales.
It can be confusing, when keyboard layout suddenly changes.

The key sequence can be disabled during install by checking option „Disable key sequence for switching input languages"
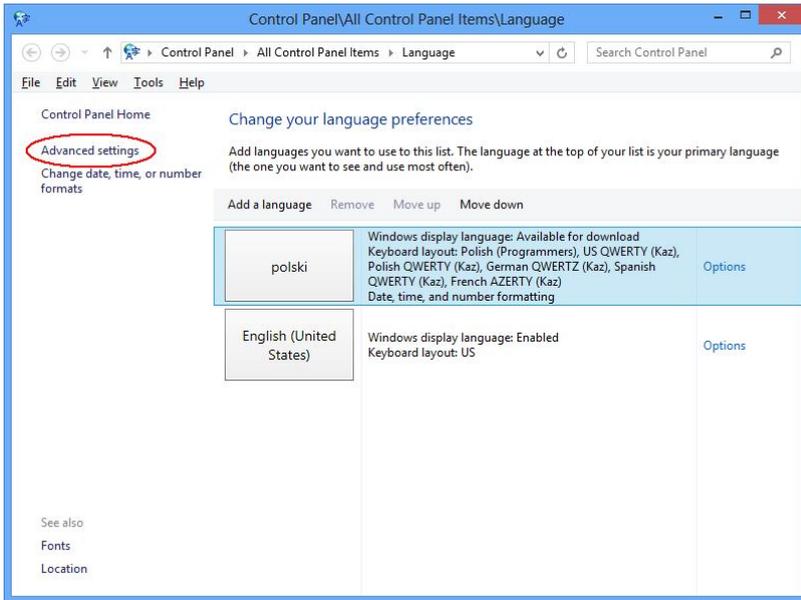or by using regional options dialog:

Windows 2000:
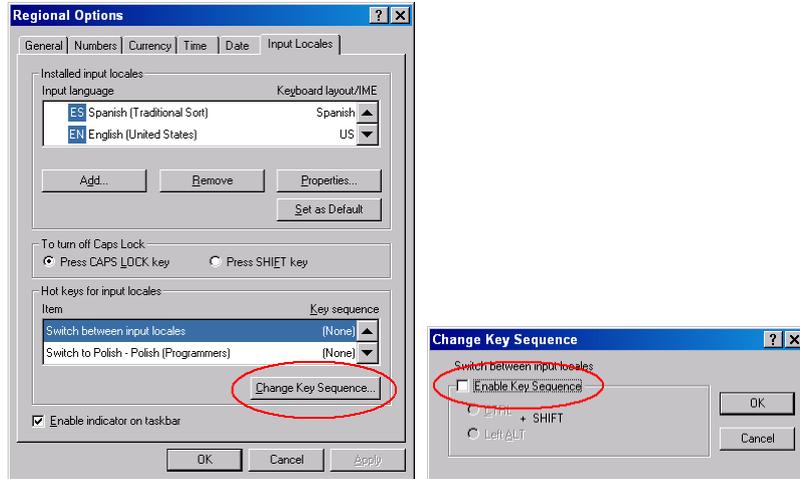
Windows XP:
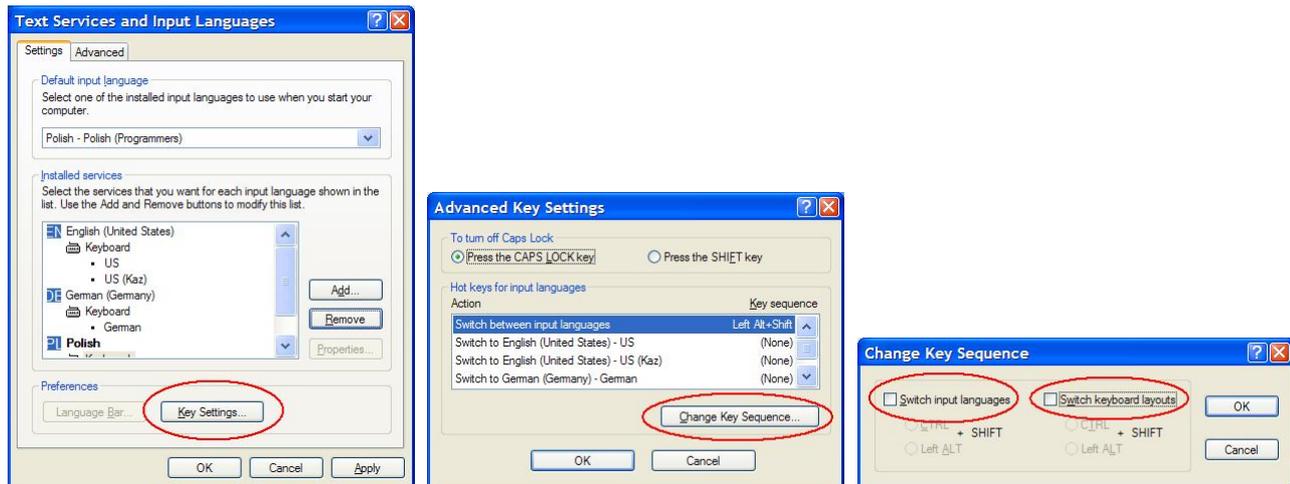
Windows Vista and Windows 7:
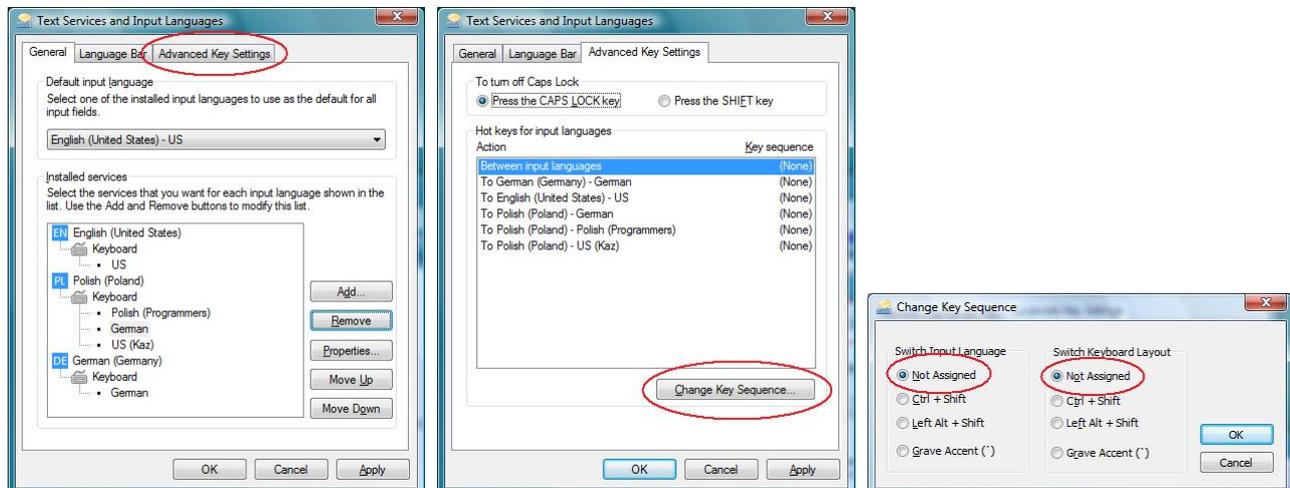
Windows 8 and Windows Server 2012:
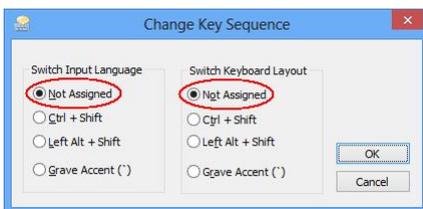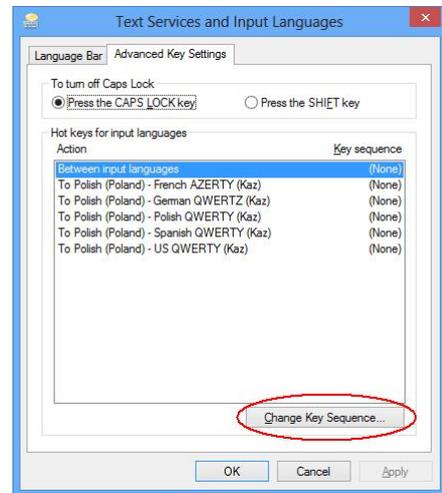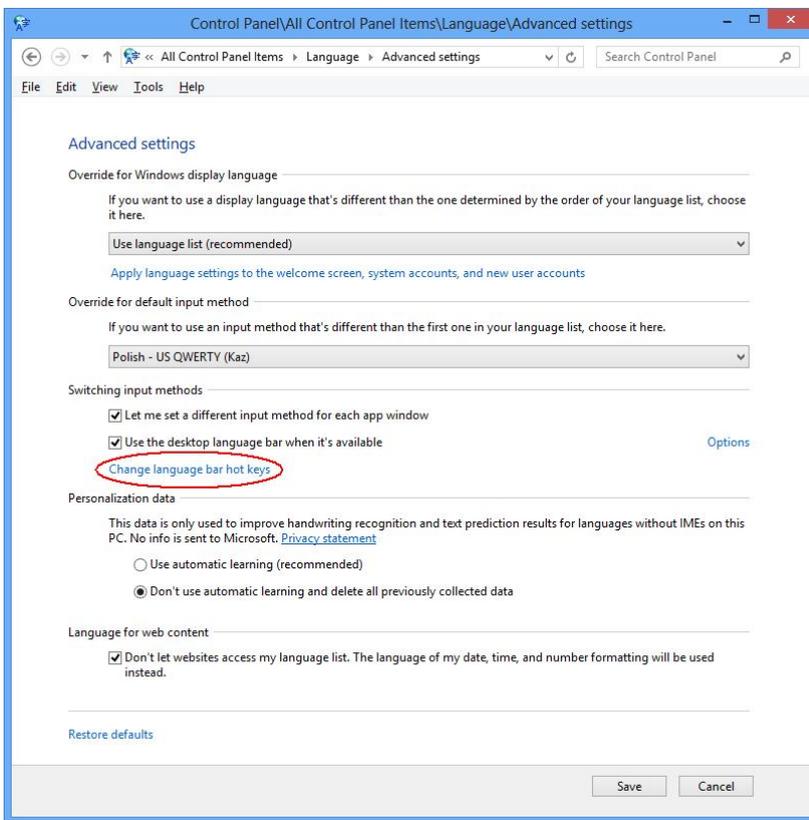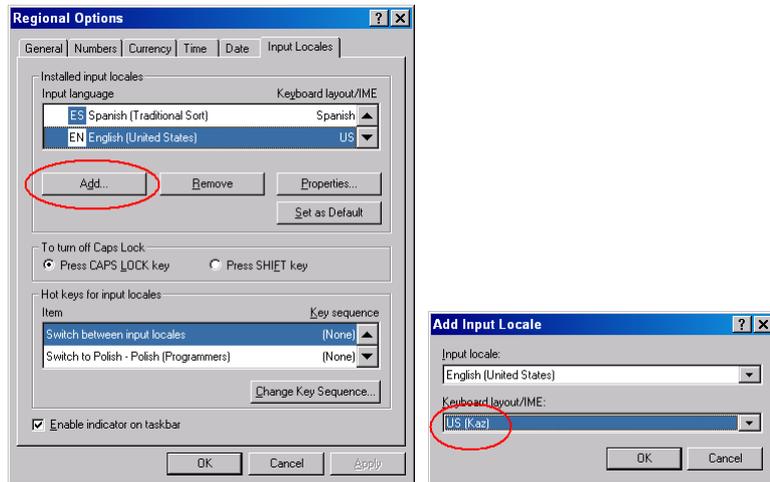
29. Installing KbdKaz 500.

You need administrative rights to install KbdKaz 500.
In Windows Vista, Windows 7, Windows 8 and Windows 10, use the option „Run as administrator".

You can install many language versions of KbdKaz 500, you should install them one by one.

After install, the computer should be rebooted. At the next boot, the system regional options dialog will be displayed, where you can verify language and keyboard settings.

In Windows 2000 and Windows XP, you need to manually add keyboard layout and set default language and the keyboard:

Windows 2000:

Windows XP:
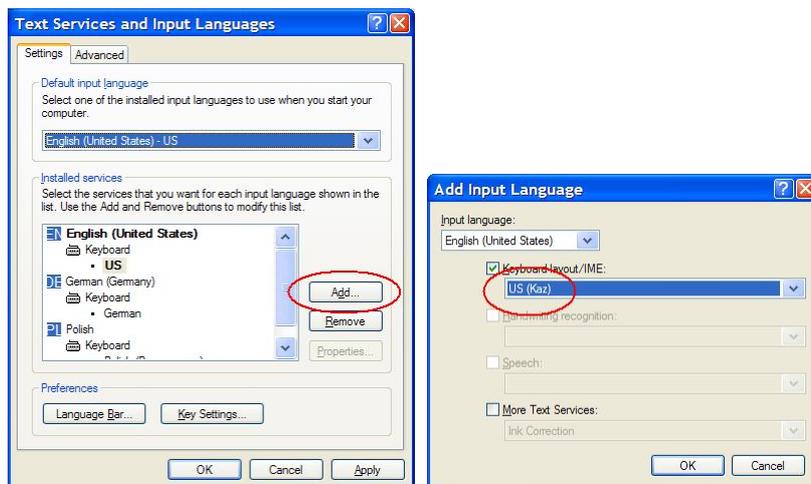
30. Uninstall / Change.

To uninstall or change settings of the program, use suitable option from Start menu.

You need administrative rights to uninstall or change KbdKaz 500.
In Windows Vista, Windows 7, Windows 8 and Windows 10, use the option „Run as administrator".

After uninstalling all language versions of KbdKaz 500, the default keyboard layout will be restored to the state before installing KbdKaz 500.

After uninstall or change, the computer should be rebooted. At the next boot, the system regional options dialog will be displayed, where you can verify language and keyboard settings.

31. License

The application is free.

The author made any efforts do make the program functional, but of course there is no warranty.

The program can be distributed by publishing link to www page , on condition that you supply information about the author: „Omega Computer Kazimierz Pomierny".

If you think that using KbdKaz 500 let you earn money easier, you can freely donate the author any amount you want through PayPal, using „Donate" button on web page www.omega-com.pl.

If you have suggestions to this product, or you want to order your own keyboard layout, or to order any other program, use contact e-mail: support@omega-com.pl

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