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<u>Using the keyboard</u>

"ɛ" is located where the "z" key is

"ɑ" is located where the "o" key is

"č" is located where the "c" key is

"ʔ" is located where the "x" key is

<u>á é ú í ɑ ɛ́</u>

To write an accentuated letter, simply press the ['] key (located two keys to the right of the letter "l"), followed by the vowel.

Example: ['] + [a] = á

What about writing the actual symbol ['] *?* Simply double press on the key.

Example: ['] + ['] = '

<u>ą ę į ų</u>

Writing nasal vowels follows the same process as accentuated letters, but with the [` ] key instead (located on the left of the number 1 key). Pressing the [ `] followed by the vowel will write a nasal vowel.

Example: [`] + [a] = ą

What about writing the actual symbol [`] ? Simply double press on the key.

Example: [` ] + [ `] = `

<u>ą́ ę́ į́ ų́</u>

Finally, writing stressed nasal vowels follows the same logic combining the stress key with the nasal key. First press ['], followed by [`], then followed by the vowel.

Example: ['] + [`] + [a] = ą́

The following are the key assignments for both desktop computers and touchscreen.

<u>Desktop Keyboard</u>

SHIFT [capital letter/symbol) indicates the result of holding the SHIFT key and pressing the letter key.

K_[letter/number] indicates the result of pressing the letter with no Shift key.

The first three letters in this list show the keyboard key to press to get the language-specific Unicode symbol.

Z = 'ɛ'
SHIFT Z ='Ɛ'
X = 'ʔ'
SHIFT SLASH = '?'

```
SHIFT PERIOD = '>'
SHIFT COMMA ='<'
SHIFT M = 'M'
SHIFT N = 'N'
SHIFT_B ='B'
SHIFT_V ='V'
SHIFT_QUOTE ='"'
SHIFT_COLON =':'
SHIFT_L ='L'
SHIFT_K ='K'
SHIFT_J ='J'
SHIFT_H ='H'
SHIFT_G ='G'
SHIFT_F ='F'
SHIFT_D ='D'
SHIFT_S ='S'
SHIFT_A ='A'
SHIFT_BKSLASH ='|'
SHIFT_RBRKT ='}'
SHIFT_LBRKT ='{'
SHIFT_P ='P'
SHIFT_I ='I'
SHIFT_U ='U'
SHIFT_Y ='Y'
SHIFT_T ='T'
SHIFT_R ='R'
SHIFT_E ='E'
SHIFT_W ='W'
SHIFT_Q ='Q'
SHIFT_EQUAL ='+'
SHIFT_HYPHEN ='_'
SHIFT_0 =')'
SHIFT_9 ='('
SHIFT_8 ='*'
SHIFT_7 ='&'
SHIFT_6 ='^'
SHIFT_5 ='%'
SHIFT_4 ='$'
SHIFT_3 ='#'
SHIFT_2 ='@'
SHIFT_1 ='!'
SHIFT_BKQUOTE ='~'
K_EQUAL ='='
K_HYPHEN ='-'
K_0 ='0'
K_9 ='9'
K_8 ='8'
K_7 ='7'
K_6 ='6'
K_5 ='5'
K_4 ='4'
```

K_3 ='3'
K_2 ='2'
K_1 ='1'
c K_BKQUOTE ='`'
K_SLASH ='/'
K_PERIOD ='.'
K_COMMA =','
K_M ='m'
K_N ='n'
K_B ='b'
K_V ='v'
c K_QUOTE ='''
K_COLON =';'
K_L ='l'
K_K ='k'
K_J ='j'
K_H ='h'
K_G ='g'
K_F ='f'
K_D ='d'
K_S ='s'
K_A ='a'
K_BKSLASH ='\'
K_RBRKT =']'
K_LBRKT ='['
K_P ='p'
K_I ='i'
K_U ='u'
K_Y ='y'
K_T ='t'
K_R ='r'
K_E ='e'
K_W ='w'
K_Q ='q'

SPECIAL LETTERS

K_C ='č'
SHIFT_C ='Č'
SHIFT_O ='α'
K_O ='α'

Deadkeys

Due to the difference between nasal, non-nasal and stress, the deadkey approach was used.

Nasal vowels

Use the Back Quote key plus letter/symbol to produce nasal vowels in lower and upper case. '`'
> dk(nasal)
dk(nasal) '`' > '`'

dk(nasal) 'a' > 'ą'
dk(nasal) 'e' > 'ę'
dk(nasal) 'i' > 'į'
dk(nasal) 'u' > 'ų'

dk(nasal) 'A' > 'Ą'
dk(nasal) 'E' > 'Ę'
dk(nasal) 'I' > 'Į'
dk(nasal) 'U' > 'Ų'

Stress

Use the apostrophe key plus letter/symbol to produce nasal vowels in lower and upper case. '"''
> dk(stress)

dk(stress) '"'' > '"''
dk(stress) 'a' > 'á'
dk(stress) 'e' > 'é'
dk(stress) 'z' > 'έ'
dk(stress) 'i' > 'í'
dk(stress) 'o' > 'ά'
dk(stress) 'u' > 'ú'

dk(stress) 'A' > 'Á'
dk(stress) 'E' > 'É'
dk(stress) 'Z' > 'Ḗ'
dk(stress) 'I' > 'Í'
dk(stress) 'O' > 'ά' c redundant but here for clarity
dk(stress) 'U' > 'Ú'

Stress nasals

2 different combinations of 2 deadkeys to allow more freedom when typing for users (nasal first
or stress first lead to the same results)

dk(stress) "`" > dk(stressNasal)
dk(nasal) '"'' > dk(nasalStress)

dk(stressNasal) 'a' > 'ą́'
dk(stressNasal) 'e' > 'ę́'
dk(stressNasal) 'i' > 'į́'
dk(stressNasal) 'u' > 'ų́'

dk(nasalStress) 'a' > 'ą́'
dk(nasalStress) 'e' > 'ę́'
dk(nasalStress) 'i' > 'į́'
dk(nasalStress) 'u' > 'ų́'

dk(stressNasal) 'A' > 'Ą́'
dk(stressNasal) 'E' > 'Ę́'
dk(stressNasal) 'I' > 'Į́'

dk(stressNasal) 'U' > 'Ų́'

dk(nasalStress) 'A' > 'Ą́'
dk(nasalStress) 'E' > 'Ę́'
dk(nasalStress) 'I' > 'Į́'
dk(nasalStress) 'U' > 'Ų́'

Touch keyboard

Decoding the instructions

T =Touch then the letter you want for Stress Nasal

[T_a_stress_nas ='ą́'

[T_e_stress_nas ='ę́'
[T_i_stress_nas ='į́'
[T_u_stress_nas ='ų́'
[T_test ="pl"

[shift T_a_caps_stress_nas ='Ą́'
[shift T_e_caps_stress_nas ='Ę́'
[shift T_i_caps_stress_nas ='Į́'
[shift T_u_caps_stress_nas ='Ų́'

Touch the apostrophe key then the desired letter for stress only. Add SHIFT first then the apostrophe for stressed capitals [T_stress ="´"
[shift T_stress ="´"

"´" 'a' > 'á'
"´" 'e' > 'é'
"´" 'z' > 'ɛ́'
"´" 'i' > 'í'
"´" 'o' > 'ɑ́'
"´" 'u' > 'ú'
"´" 'A' > 'Á'
"´" 'E' > 'É'
"´" 'Z' > 'Ɛ́'
"´" 'I' > 'Í'
"´" 'O' > 'ɑ́'
"´" 'P' > 'Ú'
"´" 'X' > '?'