

## About p0 (p-zero)

*Note: in order to read this file you must have p0 font installed.*

p0 is a phonetics font for English which I developed very many years ago, first for a BBC computer as a bitmap font (in the pre-mouse days when everything was in pixels), then upgraded for a Macintosh, and finally only recently turned into a TrueType font for PCs. I imagine it will appal professional font-makers, since it has evolved mostly through adoption of patches and *ad hoc* solutions; but I am used to it, and can type in phonetic texts at a fair speed; and I have logged up so many such texts over the years that I can't do without it any more.

And it has its merits. Its **BEST POINT** is that, unlike most if not all of the other phonetics fonts you'll find on the market, the phonemes of English are mapped onto normal key-strokes (BUT **with an Icelandic keyboard!**): you don't have to hold down six keys at once or keep mousing "Symbol...". In general, the lax vowels are on the normal vowel keys, while the tense vowels (+ length-mark à la Roach and Wells) are on the Upper-case keys.

Thus **í e a æ o u** will give you **ɪ e ə ɒ ʊ**, while upper-case **I E A O U** will give you **ĩ ɜ̃ ɑ̃ ɔ̃ ũ**. The main inconsistency here is that upper-case æ gives you **Λ** !

Note that if you are reading this in WORD, you need p0 installed; and note that you need to be able to print vowels with acute accents (áéíúó) (the Icelandic keyboard is fine!).

### Here is a full list of p0 keystrokes (NB Icelandic keyboard)

	Symbol	Keystroke		Symbol	Keystroke
LAX VOWELS			TENSE VOWELS		
KIT	ɪ	i	FLEECE	ĩ	shift I
DRESS	e	e	PALM	ɑ̃	shift A
TRAP	æ	æ	THOUGHT	ɔ̃	shift O
LOT	ɒ	o	GOOSE	ũ	shift U
STRUT	Λ	shift Æ	NURSE	ɜ̃	shift E
FOOT	ʊ	u			
SCHWA	ə	0 (zero)			

DIPHTHONGS			other vowel symbols		
FACE	eɪ	ei	HAPPY	ĩ	í (acute i)
PRICE	aɪ	ai	TENSED U	ũ	ú (acute u)
CHOICE	ɔɪ	öi	CARDINAL 7	o	ó (acute o)
MOUTH	aʊ	au	EPSILON	ɛ	é (acute e)
GOAT	əʊ	0u	RAISED SCHWA	ə	shift zero (=)
NEAR	ɪə	i0	KIT-SCHWA	ĩ ə	shift Q

SQUARE	eə	e0	PALM (GA)	ɑ	á (a acute)
			THOUGHT (GA)	ɔ	ö
			NURSE (GA)	ɜ	q

## CONSONANTS

The following keys are as normal (Icelandic keyboard):

b c d f g h j k l m n p r s t v w z þ ð

English consonants - fortis-lenis pairs

Plosives:

p, b	p, b
t, d	t, d
k, g	k, g

Fricatives:

f, v	f, v
θ, ð	Upper-case Þ, ð
s, z	s, z
ʃ, ʒ	Upper case S and G

Affricates:

tʃ, dʒ	Upper-case T and D
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Other English consonants

h	h
n	n
m	m
ŋ	Upper-case X
l	l
r	r
j	j
w	w

Other consonant symbols

h	Upper-case H
ʔ	Upper-case K
l̥	Upper-case L
ŋ	Upper-case N
m̥	Upper-case M
ʍ (=w̥)	Upper-case W

<b>t</b>	Upper-case Đ
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### Some Icelandic symbols

<b>œ</b>	Upper-case Ö
<b>γ</b>	Upper-case Y
<b>a</b>	a
<b>y</b>	y
<b>χ</b>	x
<b>ç</b>	Upper-case C
<b>γ</b>	Upper-case Z (sorry!)
<b>ƚ</b>	+ (sorry!)

### Other diacritics

<b>n</b>	unvoicing below : 6 after symbol
<b>ñ</b>	Unvoicing above: shift-6 (&) after symbol
<b>t̥</b>	dental: 7 after symbol
<b>ː</b>	length :
<b>ˑ</b>	half-length ;
<b>ø̥</b>	raised vowel: { after symbol
<b>ø̣</b>	lowered vowel: } after symbol
<b>ø̤</b>	advanced vowel: < after symbol
<b>ø̦</b>	retracted vowel: > after symbol

### Prosody symbols

<b>ˈp</b>	1
<b>ˊp</b>	! (shift 1)
<b>ˋp</b>	2
<b>ˋˊp</b>	" (shift-2) (Note that if you have smart quotes turned on, you will need to hit UNDO (ctrl-Z) after typing this symbol)
<b>ˋˋp</b>	3
<b>ˋˋˊp</b>	# (shift 3)
<b>ˋˋˋp</b>	4
<b>ˆp</b>	\$ (shift 4)
<b>˘p</b>	*
<b>·p</b>	. (stop)
<b> </b>	5

<b>  </b>	<b>% (shift 5)</b>
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**Other symbols**

<b>β</b>	<b>Upper-case Ö</b>
<b>ϕ</b>	<b>Upper-case F</b>
<b>þ</b>	<b>þ</b>
<b>ŀ</b>	<b>Upper-case R</b>
<b>u</b>	<b>Upper-case V</b>
<b>→</b>	<b>8</b>
<b>←</b>	<b>9</b>