

IPA TOTAL



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Instructions

no Shift

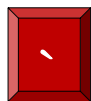
Esc	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	<i>no Shift</i>	
⌫	1	2	3	4	5	6	7	8	9	0	-	=	←BkSp	
←	→	q	w	e	r	t	ə	u	i	o	p	[]	⌵
Caps Lock	a	s	d	f	g	h	j	k	l	;	'	ENTER		
SHIFT	z	x	c	v	b	n	m	,	.	/	SHIFT			
Ctrl	Fn		Alt									Alt		Ctrl

with Shift

Esc	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	<i>with Shift</i>	
⊙	!	~	#	h	a	§	μ	*	()	-	+	←BkSp	
←	→			E	R	T			I	O	{	}		
Caps Lock	A	S		F					L	:	"	ENTER		
SHIFT				C	V		N		«	»	?	SHIFT		
Ctrl	Fn		Alt									Alt		Ctrl

Tip: If you cannot read some of the letters or symbols made by this keyboard, you may not have a font on your computer with full support for IPATotal. Fonts like Cambria, Doulos SIL and Code 2000 are recommended for viewing and using the characters in this keyboard. You can find out which specific fonts on your computer support IPATotal by using the Font Helper tool on the Keyman Desktop Toolbar.

The Special Key



The Special Key cycles through additional letters on the key just typed, switching to the next letter each time you press it.

	1	2	3	4	5	6	7	8	9	10	11	12	13
q	ɥ	q											
w	w	ɥ	w										
e	ɛ	æ	e										
r	ɹ	ɹ	ɹ	ɹ	ɹ	ɹ	ɹ	ɹ					
t	ɹ	ɹ	ɹ	ɹ	ɹ	ɹ	ɹ	ɹ					
ə	ɯ	ɹ	ɹ	ə	ɜ	ə							
u	ɥ	u	y	y	u								
i	ɹ	ɹ	ɹ	i									
o	ɔ	ɔ	ə	ɔ	ø	œ	œ	o					
p	ɸ	ɸ	ɸ	ɸ	p								
a	e	a	a										
s	ʃ	s	ʃ	s									
d	ɹ	ɹ	ɹ	ɹ	ɹ	ɹ	ɹ	ɹ	ɹ	ɹ	ɹ	ɹ	ɹ
f	ɸ	θ	ɸ	ɸ	f	f							
g	ɹ	ɹ	ɹ	ɹ	ɹ	ɹ							
h	h	h	h	h	h	h	h	h	h				
j	ɹ	ɹ	ɹ	ɹ	ɹ	ɹ	ɹ	ɹ	ɹ	ɹ			
k	ɹ	ɹ	ɹ	k									
l	ɹ	ɹ	ɹ	ɹ	ɹ	ɹ	ɹ	ɹ	ɹ	ɹ			
z	ɹ	ɹ	ɹ	z									
x	χ	ɹ	ɹ	ɹ	ɹ	ɹ	ɹ	ɹ	ɹ				
c	ɹ	ɹ	c	ɹ	ɹ	ɹ	ɹ	ɹ	c				
v	ɹ	β	ɹ	ɹ	ɹ	ɹ							
b	ɹ	ɹ	ɹ	ɹ	ɹ	b							
n	ɹ	ɹ	ɹ	ɹ	ɹ	ɹ	ɹ	n					
m	ɹ	ɹ	ɹ	ɹ	m								

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
[{	([
]	})]																	
.	·	•	.														
-	-	-	-	-	—	—	-													
!	!		≈	o	·	::	::	:	::	:	...	∴	∴	∓	∓	∓	∓	∓	∓	∓
~	~	~																		
#	#	#	φ	€	€	€	€	€	€	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠
h	h	j	r	ɹ	ɹ	ɹ	w	y	ɣ	ʔ	ɣ	l	s	x	ɸ	b	d	g	k	m
a	e	a	æ	e	ə	ɛ	ɜ	ɪ	o	ɔ	u	w	ɒ	ɜ	ɪ	l	ɹ	ɹ	e	#
§	†	‡	∅	∞	§															
μ	σ	Σ	Ϸ	φ	l	U	μ													
([{	(
)]	})																	
˘	˘	↑	↓	!	i	˘														

CONTINUED

	21	22	23	24	25	26	27	28	29	30	31	32	33	34		
▲ CONTINUED ▲															[
]	
															.	
															-	
		≡	≐	≑	≒	≓	≔	≕	≖	≗	≘	≙	≚	≛	!	!
																(
		⊇	⊈	⊉	∩	∪	∧	∨	∃	∄	Δ	∇	[]	#	#
		η	ρ	τ	ν	β	γ	δ	φ	χ	h					h
		υ	ϋ	ϒ	Δ	a										a
																§
																μ
																(
)
																∴

The Articulatory Keys



The Articulatory Keys change the articulation of the last phone (letter) typed, as described below. See examples on the next page.



Ejective Key – Changes phone to related ejective.



Rounding Key – Alternates rounded/unrounded phones.



Tap Key – Changes phone to related tap.



Implosive Key – Changes phone to related implosive.



Occlusive Key – Changes phone to related plosive.



Approximate Key – Changes phone to related approximate.



Voicing ('Sound') Key – Alternates voiced/unvoiced phones.



Fricative Key – Changes phone to related fricative.



Lateral Key – Changes phone to related lateral.



Click Key – Changes phone to related click.



Trill ('Vibrate') Key – Changes phone to related trill.

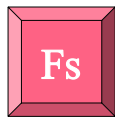


Nasal Key – Changes phone to related nasal.

Note: This chart shows some combinations. Other combinations also exist.

	E	R	T	I	O	A	S	F	L	C	V	N
q	ɸ			ɸ		ɸ	ɸ	χ			ʀ	ɴ
w			ʋ				ɱ	β			ʙ	ɱ
e		ø										
r			ɾ		d	ɹ		z	l			ɴ
t	t̥			f		ɹ	d	s	l	l	r	ɴ
ə												
u		ɯ										
i		y										
o		ɤ										
p	p̥			ɸ			b	ɸ		⊙	ʙ	ɱ
a		œ										
s	t̥			f	t	ɹ	z		ɬ	l	r	ɴ
d			ɾ	ɸ		ɹ	t	z	l		r	ɴ
f	ɸ			ɸ	ɸ	ɯ	v					ɱ
g				ɸ		ɯ	k	ɣ	ɭ			ɱ
h					ʔ	ɦ	ɦ					
j					ɟ			ɟ	ʎ			
k	k̥			k̥		ɯ	g	x	ɭ			ɱ
l			ɾ		d	ɹ		ɮ		ll	r	ɴ
z				ɸ	d	ɹ	s		l		r	ɴ
x	k̥			k̥	k	ɯ	ɣ		ɬ			ɱ
c	c̥			c̥		j	ɟ	ç	ʎ			ɱ
v			ʋ	ɸ	ɸ	ɯ	f					ɱ
b			ʋ	ɸ			p	β			ʙ	ɱ
n			ɾ	ɸ	d	ɹ		z	l		r	ɴ
m			ʋ	ɸ	b	w		β			ʙ	

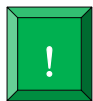
The Diacritic Keys



The Diacritic Keys cycle through a set of diacritics over the key just typed, cycling to the next diacritic each time you press them.

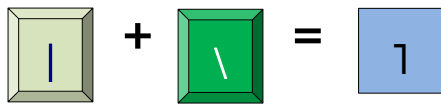
	1	2	3	4	5	6	7	8	9	10	11	12	13
F1	õ	ø	ǒ	ö	ǝ	ø	õ						
F2	ó	ø	ö	ó	ó								
F3	o'	o ₁	ò	o	ö	o	o'						
F4	ò	ø	ö	ò	ò								
F5	ô	ø	ö	ø	ö	ò	ò	ó	ö	ö	ô		
F6	ô	ø	ö	ø	ö	ô							
F7	ō	ø	o	ō	ø	o	o	o	ō				
F8	ö	ø	ö	o	o'	ö							
F9	ö	ø	ø	ø	o°	ö							
F10	ø	ø	ø	ø	ø	ó	o'	ø	ó	ò	ø	ö	ø
F11	ö	ø	ö	ø	ø	ø	ø	ø	ø	ø	ø	ö	
F12	ø	ø	ö	ö	ö	ø	ø	ø	ø	ø	ø	ø	ø

Additional Keys



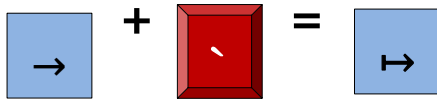
Additional Keys cycle through additional functions, switching to the next symbol or letter each time you press them.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
!	!!	!														
([{	(
)]	})													
-	÷	-														
_	→	←	↑	↓	↔	↕	↖	↗	↘	↙	↻	↺	↔	↔	↕	_
=	≠	≡	≠	≡	~	∿	≈	≈	≈	≈	≈	≈	≈	≈		
+	×	+														
⊙		!	‡		⊙											
?	?	?	?													
«	<	≦	≧	←	←	↵	↔	«								
»	>	≧	≦	→	→	↵	»									



The Vertical Bar with the **Backslash key** enables a set of contour lines when combined with other keys.

↙ + ↘		1	2	3	4	5	6
	\	⌈	⌊	⌋	⌌	⌍	...
⌈	´	⌈´	⌊´	⌋´	⌌´	⌍´	
⌈	-	⌈-	⌊-	⌋-	⌌-		
⌈	=	⌈=	⌊=	⌋=	⌌=		
⌈	\	⌈\	⌊\	⌋\	⌌\	⌍\	...
⌈	´	⌈´	⌊´	⌋´	⌌´	⌍´	
⌈	=	⌈=	⌊=	⌋=	⌌=		
⌈	\	⌈\	⌊\	⌋\	⌌\	⌍\	...



Arrows, produced with the underscore (_), create more symbols with the special key.

	1	2	3	4	5	6	7	8	9	10	11	12	13
→	↪	↘	↗	↯	↰	↵	↶	↷	⇒	↠	↡	↢	→
←	↩	↙	↖	↮	↱	↶	↷	⇐	⇐	↠	↡	↢	←
↑	↕	↗	↕	↗	↖	↕	↕	↕	↕	↕	↕	↕	
↓	↕	↘	↕	↘	↙	↕	↕	↕	↕	↕	↕	↕	