## **Typing in Blin**

The Blin keyboard (1) uses a system where the Blin sounds are matched to the English letters (a style called "phonetic"). You can think of how a word sounds in Blin and then type it out with English.

Example: typing selam becomes ሰላም

Because Blin has more sounds than English does, we sometimes have to adjust this rule. For example, English does not have "7" and the closest similar letter would be 'g'. In this case, you should type with "capital G":

Example: typing **xGKuulen** becomes ሽሻዥለን

Notice that we used capital 'K' also for ' $\mathbf{\ddot{h}}$ ' and we needed both "uu" together to make the 5<sup>th</sup> ' $\mathbf{\ddot{h}}$ ' letter ' $\mathbf{\ddot{h}}$ '. When the letter you want to type does not appear when you hit the similar sounding key in English, try using the capital next.

Next, when you need to type the extra letters of Blin like **1**, **7**, or **1** you can do so by typing an extra vowel after a 'u':

Example: typing **mua** becomes **%** Example: typing **Kuu** becomes **%** 

Finally, we must introduce a special rule for '(apostrophe). Some words are spelt with a  $\mathbf{\Lambda}\mathcal{R}\mathbf{h}$  ( $6^{th}$ ) letter followed by a vowel, like  $\mathbf{C}\mathbf{h}$  in  $\mathbf{7}\mathbf{1}\mathbf{C}\mathbf{h}\mathbf{A}$ . We use the apostrophe here to type "geb<u>r'ie</u>l" to make sure we get " $\mathbf{C}\mathbf{h}$ " instead of ' $\mathbf{A}$ '.

Example: typing mel'ak becomes ምልኣክ Example: typing m'eeraf becomes ምዕራፍ

The following typing tables show how to type all Blin letters, numbers and punctuation.

# **Blin Typing Table**

0.480	ത്യ	h.i.o	ማልስ		<i>ኃ</i> ምስ	አውአ	ሳብሪ	ዘመደ-	ዘመደ-	ዘመደ-	ዘመደ-	ዘ <i>መ</i> ደ-
ቤተሰብ '	70 II	ካዕብ	916(11	ራብዕ	29 11	ሳድስ	4110	୩୪୩	ካሪብ	ሣልስ	ራብዕ	<i>ኃ</i> ምስ
ሆይ	v	<b>U</b> ·	<b>4</b> .	4	r	ีย	ሆ					
٥٦	he	hu	hi	ha	hie	h	ho					
ሳዊ	Λ	ሉ	٨.	٨	ሎ	A	ሎ				1	
	le	lu	li	la	lie	1	lo				lua	
ሐውት	ф	ሑ	<b>д</b> .	ሐ	ሔ	ሕ	ሖ				ሗ	
	Не	Hu	Hi	Ha	Hie	Н	Но				Hua	
ማይ	ØD	ØÞ4	<b>~</b> .	ø	<b>~</b>	go	Ф				ጧ	
,	me	mu	mi	ma	mie	m	mo				mua	
ሳት	Ų	ሱ	ሲ.	ሳ	<u>ሴ</u>	ስ	γ				ሷ	
	se	su	si	sa	sie	S	so				sua	
ርእስ	4	ሩ	6	G	6	C	C				ሯ	
	re	ru	ri	ra	rie	r	ro				rua	
ሻ-ሳት	ส	ሉ	Т.	ሻ	<b>%</b>	ሽ	77				ሿ	
	xe	xu	хi	xa	xie	X	XO				xua	
ቃፍ	ф	<b>φ</b>	<b>4</b> .	<b>த</b>	<b>&amp;</b>	ቅ	ቆ	ቈ	ቀኁ	<b>ቀ</b> ኣ	ቋ	<b>\$</b>
	qe	qu	qi	qa	qie	q	qo	que	quu	qui	qua	quie
<b>ቓ</b> - <i>ቃ</i> ፍ	<b>ኞ</b>	<b>4</b>	<b>ቒ</b> Qi	<b>پ</b> 00	<b>を</b> Oio	<b>ቅ</b>	<b>\$</b>	<b>#</b>	<b>कं</b> ∗	<b>क्</b>	<b>A</b>	<b>選</b> Quie
	Qe	Qu		Qa	Qie	Q	Qo	Que	Quu	Qui	Qua	Quie
ቤት	וו	U.	<b>L</b>	ባ	U.	<b>1</b>	, L				ሷ	
	be	bu	bi	ba	bie	b	bo				bua	
ታው	ተ	ቱ	t	ð.	<b>ቴ</b>	ት	ቶ				土	
	te	tu	ti	ta	tie	t	to				tua	
<i>ነሐ</i> ስ	ל	ኍ	<b>7</b>	ч	<b>%</b>	3	ኖ				ኗ	
	ne	nu	ni	na	nie	n	no				nua	
አልፍ	አ	ሉ	<b>ኢ</b> i	አ	ኤ	እ	አ					
	aa	u		a	ie	e	0	_		_	_	_
ካፍ	h	ኩ lm	ኪ. ነ።	ղ Iro	ኬ Irio	h 1	ի Iro	ሎ leve	ኵ Imm	ትፋ lovi	ዃ Ime	<b>ኴ</b> Irvio
	ke	ku	ki	ka	kie	k	ko	kue ‰	kuu <b>Tr</b>	kui <b>K</b>	kua <b>'j</b>	kuie
ኸ₋ከፍ	'n Ka	Tr Ku	<b>ኸ.</b> Ki	ኻ Ka	ħ. Kie	ኽ K	ћ Ко	Kue	Kuu	Kui	Kua	<b>ዄ</b> Kuie
	Ke	Ku		Ka	Kie		Ko	1140	1144	1101	Tiuu	11010
ወዌ	<b>Ø</b>	<b>д</b> wu	<b>L</b> wi	<b>P</b> wa	<b>g</b> wie	<b>₯</b> W	<b>P</b>					
	we o	o-	<b>0</b>	o <sub>q</sub>	<b>9</b>	ø	wo P					
<b>0</b> ይን	A	Au /	Ai /	Aa	Aie /	Ae /	Ao /					
		U	I		Ie	E	O					
የመነ	P	f	Ŗ.	Ļ	۴	e	ዮ					
1001	ye	yu	yi	ya	yie	у	yo					

ቤተሰብ	ወለዝ	ካሪብ	<b>ማ</b> ል አ	ራብሪ	<i>ኃ</i> ምስ	ሳድስ	ሳብሪ	ዘመደ-	ዘ <i>መ</i> ደ-	ዘመደ-	ዘመደ-	ዘ <i>መ</i> ደ₋
16 / 11/11	10 II	10-11	IPALI	<i>6</i> -110	<i>&gt;7</i> II	.15411	1110	୩୪୩	ካሪብ	ሣልስ	ራብዕ	<i>ኃ</i> ምስ
ድንት	ደ	<i>ያ</i>	ዲ	ዳ	ይ	ድ	ዾ				ዾ	
× 71°	de	du	di	da	die	d	do				dua	
ጅ-	ጀ	<b>፫</b>	ጂ	Ŗ	ጀ	ጅ	ጆ				Ř.	
ድንት	je	ju	ji	ja	jie	j	jo				jua	
n/m A	7	ጉ	7.	p	г	9	ጎ	Ъ	ጕ	ጒ	3	2
<i>ገምል</i>	ge	gu	gi	ga	gie	g	go	gue	guu	gui	gua	guie
<u>გ</u> ალა	វ	ኍ	٦.	"	7	र्भ	ጘ	ゃ	ኍ	<i>ኘ</i> ኣ	ጟ	ዄ
<i>ጎ-ገ</i> ምል	Ge	Gu	Gi	Ga	Gie	G	Go	Gue	Guu	Gui	Gua	Guie
- 0 7	M	ጡ	ጢ	η	ጤ	Т	M				Д	
ሐይት	Te	Tu	Ti	Ta	Tie	T	To				Tua	
6D-	கூ	Æ	வு	ஆ	æ	Ф	Сър				வூ	
ሐይት	Ce	Cu	Ci	Ca	Cie	C	Co				Cua	
ቻ-ታው	干	帯	Æ	ቻ	苍	ች	¥				ቿ	
99-W	ce	cu	ci	ca	cie	c	co				cua	
ኛ-ነሐስ	ኘ	ኙ	ኚ	ኛ	ኜ	ሻ	ኞ				ኟ	
	Ne	Nu	Ni	Na	Nie	N	No				Nua	
н£	н	H	H.	Н	H	าเ	н				其	
u,s	ze	zu	zi	za	zie	Z	ZO				zua	
<b>Ж-Н</b> Е	ห	TF	ገር.	ዣ	ĸ	ዥ	ገተ				ዧ	
ע,וו- וו	Ze	Zu	Zi	Za	Zie	Z	Zo				Zua	
ጸደይ	8	ጹ	ጸ.	ጻ	ጼ	ጽ	8				ጿ	
ддр	Se	Su	Si	Sa	Sie	S	So				Sua	
ጰይት	ጰ	ጱ	ጰ.	ጳ	ጱ	ጵ	ķ				ጷ	
A,9-1	Pe	Pu	Pi	Pa	Pie	P	Po				Pua	
አፍ	6.	4.	b	ፋ	bo	ፍ	G.				ፏ	
714	fe	fu	fi	fa	fie	f	fo				fua	
ፕሳ	Т	F	T.	<b>T</b>	Т	Т	7				Д	
1.1	pe	pu	pi	pa	pie	p	po				pua	
ቬ-ቤት	ที	ሁ	'n.	ក	ቬ	ሗ	'n				ቯ	
1P-1P.1.	ve	vu	vi	va	vie	V	VO				vua	

## **Consonant and Vowel Marks**

Dots can be added above letters to indicate a stressed vowel or consonant using "CTRL + . ". For example:

```
አባ CTRL . \Rightarrow አቫ ("ab<u>aa</u>", "a" is stressed)
አቫ CTRL . \Rightarrow አቫ ("a<u>bba</u>a", "b" is stressed)
አቫ CTRL . \Rightarrow አቫ ("a<u>bbaa</u>", "b" and "a" are stressed)
```

## **Typing Punctuation**

#### **Ethiopic Punctuation**

:	::	í	Ī	:-	+	i	*	##
:	::	,	• •	:-	,,	??	:+	:#

Period, '.' may also be used to enter '#'. When a number follows ':', 'i' and '#' they will change back to their Latin form automatically. For example:

$$123:456 \Rightarrow 123,456$$

$$12 : 50 \Rightarrow 12.50$$

$$12:50 \Rightarrow 12:50$$

#### **Keyboard Punctuation**

All regular punctuation on your keyboard remains available. Most punctuation can be typed with a single keystroke as usual. Those used to input Ethiopic symbols can be entered by hitting the punctuation key two or more times until it appears.

## **Typing Numbers**

The hash mark is used Ge'ez numbers, so #1 becomes  $\S$  and so on. When a '#' is needed before a number in your document, just type # twice.

#### **Ethiopic Numerals**

<b>ద్ద</b> #1	<b>g</b> #2	<b>፫</b> #3	<b>റ്റ</b> #4	<b>፫</b> #5	<b>½</b> #6	<b>7.</b> #7	<b>ጟ</b> #8	<b>ট্</b> #9			
<b>፲</b>	<b>索</b>	#30	ମ୍ଲ	<b>9</b>	<b>五</b>	<b>፸</b>	<b>萓</b>	<b>3</b>	<b>፫</b>	<b>፲፫</b>	<b>P</b>
#10	#20	<b>ઌ</b>	#40	#50	#60	#70	#80	#90	#100	#1000	#10000

Numeral composition will continue as 0s are entered up to FF (100,000,000).

The "connected" style of Ethiopic numerals can be created by changing the font from "Abyssinica SIL" to "Abyssinica SIL Connected" as seen in the following table:

Abyssinica SIL	Abyssinica SIL Connected
ĨĎĨŢĨ	፲፱፻፹፫

### **Blin Fonts**

The "Waldba" font collection is installed with the desktop keyboard (Windows and Mac) and provides many styles for the Blin letters. Examples are shown below:

ዋልድባ - ህዋእሽ

ሀከሐመ ... ቫ ች ኚ ጛ ጌ ሻ ሻ ጟ ዀ ች ኌ ች

ዋልድባ - ውቂያኖስ

Uham ... ግንግግግግግ ች ች ች ች

ዋልድባ - ዘላን

Uhdov ... ነት ኒ ጋ ኒ ግ ነ ፲ ት ት ፲ ት

ዋልድባ - የብሰ

ሀከሐመ ... ግንኚጛጜጘጘጟዀጙዄጙ

ዋልድባ - ይገዙ ብሥራት ነቲክ

ሀስሐመ ... ጘጙጘጛጘጘጘጟጙጙጟጙ

ዋልድባ - ይገዙ ብሥራት ጎፈር

收入班班 ... 哲华哲学哲学哲学 华 华 华

ዋልድባ - ጅረት

ሀለሐመ ... ንን ንንንንን ንን ች ች ች ች ች

<u> ዋልድባ - ተንት</u>

ստա ... ፕፕፕፓፕሻፕኘችችች

ዋልድባ - ፋንትዋ

Սհատա ... 111111111111