# **SIL Ethiopic Power-G Keyboard Help**

### Introduction

The "SIL Ethiopic Power-G" keyboard enables typing in all Ethiopic Saba Fidel scripts using the keyboarding sequences found in the "Power Ge'ez (Phonetic)" keyboard from Concepts Data Systems. You can use this keyboard with any Ethiopic Unicode font unless you need to use the newer Unicode 6.0+ Ethiopic codepoints (for Basketo, Gumuz, and Gamo-Gofa-Dawro) or the two Private Use Area (PUA) characters of this keyboard:

and  $|\vec{R}|$ . In these cases, the Abyssinica SIL font (version 1.5+) is recommended.

### Note on Power Ge'ez "Caps Lock" Compatibility

The original Power Ge'ez (Phonetic) keyboard from Concepts Data Systems used the **Caps Lock** key to produce less frequently used characters. SIL Ethiopic Power-G is is not compatible with this keying method. Instead, multiple alternative methods for creating these less frequently used characters have been provided.

The preferred method for creating these less frequently used characters is by using the key after the letter key to produce the desired character.

For example, to create the the chart shows **S [ or J**]. To produce this character using the preferred method, first press the **S** key, and then press the **I** key. Alternatively, a capital **J** can be typed to produce the character.

As another example, to create  $\[ \boldsymbol{\theta} \]$  the chart shows  $\[ \boldsymbol{\mathsf{T}} \[ \]$  or  $\[ \boldsymbol{\mathsf{V}} \]$ . To produce this character using the preferred method, first type a capital  $\[ \boldsymbol{\mathsf{T}} \]$ , and then press the  $\[ \boldsymbol{\mathsf{L}} \]$  key. Alternatively, a capital  $\[ \boldsymbol{\mathsf{V}} \]$  can be typed to produce the  $\[ \boldsymbol{\theta} \]$  character.

# Syllables (including diphthongs)

First type the keystrokes from the leftmost column, followed by the keystrokes at the top of the column. For example, to produce  $\boldsymbol{U}$  first press the  $\boldsymbol{h}$  key, and then press the  $\boldsymbol{u}$  key. To produce  $\boldsymbol{U}$  first press the  $\boldsymbol{h}$  key, and then press the  $\boldsymbol{u}$  key, and to not need to press the  $\boldsymbol{u}$  key).

keys:	-	u	i	а	У	е	0	0	W	Wu	Wi	Wy	Wo	WI
h	v	ひ	4	4	z	บ	v	v						
	1200	1201	1202	1203	1204	1205	1206	1207						
1	Λ	ሉ	λ.	ላ	ሴ	A	ሎ	ሎ	ሏ					
	1208	1209	120a	120b	120c	120d	120e	2d80	120f					
н	ф	dъ	љ.	ф	ሔ	ሕ	ф		Щ					
	1210	1211	1212	1213	1214	1215	1216		1217					
m	Ø	ØD•	ሚ	σq	σg	go	Ф	дv	刃	goo	ማ	刄	<b>Ø</b> D□	賀
	1218	1219	121a	121b	121c	121d	121e	2d81	121f	1383	1381	1382	1380	1359

keys:	-	u	i	а	у	е	0	0	W	Wu	Wi	Wy	Wo	WI
s [ or J	w	w	ч.	Ч	ь	po	r		夝					
	1220	1221	1222	1223	1224	1225	1226	•	1227					<b>1</b>
r	4	4	B	G	6	C	C	C	7					8
	1228	1229	122a	122b	122c	122d	122e	2d82	122f					1358
S	ሰ	ሱ	ሲ	ሳ	ሴ	ስ	ሶ	ላ	ሷ					
	1230	1231	1232	1233	1234	1235	1236	2d83	1237					
S	ัส	<u>ሙ</u>	77.	ሻ	76	A	が	77	ሿ					
	1238	1239	123a	123b	123c	123d	123e	2d84	123f		•	_	•	
q	ቀ	ቁ	ቂ	ச	ቄ	ቅ	ቆ	ቇ	ቋ	<b>ቀ</b> ጐ	ቀч	身	ቈ	
	1240	1241	1242	1243	1244	1245	1246	1247	124b	124d	124a	124c	1248	
Q	ቐ	Ŧ	<b>E</b>	Þ	ቒ	ቕ	\$		Ą	ቝ	ቝ	F	ቘ	
	1250	1251	1252	1253	1254	1255	1256	_	125b	125d	125a	125c	1258	
b	l U	ቡ	ቢ	Ŋ	ľ	ብ	U	ብ	ቧ	ብ	በኣ	ĴЪ	M	
	1260	1261	1262	1263	1264	1265	1266	2d85	1267	1387	1385	1386	1384	
V	ัก	ሹ	ቪ	กี	፲	ฑี	ሾ		瓦					
	1268	1269	126a	126b	126c	126d	126e		126f					
t	ナ	卡	せ	ታ	ቴ	ት	ቶ	予	土					
	1270	1271	1272	1273	1274	1275	1276	2d86	1277					
С	干	干	モ	チ	ቼ	Ŧ	来	子	풏					
	1278	1279	127a	127b	127c	127d	127e	2d87	127f					
h [ or L	า	ጐ	7	<b>う</b>	ኄ	ኅ	q	5	コ	<b>ት</b>	<i>ግ</i> ዲ	ኌ	ታ	
	1280	1281	1282	1283	1284	1285	1286	1287	128b	128d	128a	128c	1288	
n	ነ ነ	ኍ	Z	$\boldsymbol{\varsigma}$	ኔ	7	ዋ	5	ç					
	1290	1291	1292	1293	1294	1295	1296	2d88	1297					
N	7	ጙ	ኚ	ኛ	ኜ	7	ኞ	季	ኟ					
	1298	1299	129a	129b	129c	129d	129e	2d89	129f					
х	አ	ኡ	ኢ	አ	ኤ	እ	አ	み	ኧ					
	12a0	12a1	12a2	12a3	12a4	12a5	12a6	2d8a	12a7					
k	h	ኩ	ኪ	ղ	ኬ	h	<b>ի</b>	<u></u>	ኳ	ኵ	ሎ	ኴ	ሎ	
_,	12a8	12a9	12aa	12ab	12ac	12ad	12ae	12af	12b3	12b5	12b2	12b4	12b0	
H [ or K	'n	ዅ	ኺ	ኻ	ኼ	ኽ	Ħ		ዃ	'n	ዂ	'n.	Ť	
į Or ix	12b8	12b9	12ba	12bb	12bc	12bd	12be		12c3	12c5	12c2	12c4	12c0	
w	Ø	Ф.	<b>E</b>	P	B	<b>D</b> -	P	.p						
VV	12c8	12c9	12ca	12cb	12cc	12cd	12ce	12cf						
Х	0	O.	<b>O</b>	o <sub>j</sub>	<b>o</b>	b	P	1201						
Λ	12d0	12d1	12d2	12d3	12d4	12d5	12d6							
7				H			Н	н	п					
Z	1249	1240	<b>H.</b>	_	12ds	<b>1</b> 2dd	_	348h	<b>其</b>					
7	12d8	12d9	12da	12db	12dc	12dd	12de	2d8b	12df					
Z	H	H	M.	H	<b>K</b>	Ħ	ጕ		<b>L</b>					
	12e0	12e1	12e2	12e3	12e4	12e5	12e6		12e7					

keys:	-	u	i	а	У	е	0	0	W	Wu	Wi	Wy	Wo	WI
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d	ደ	ዹ	PL.	ዲ	ይ	ድ	ዾ	名	ደ					
	12f0	12f1	12f2	12f3	12f4	12f5	12f6	2d8c	12f7					
D	ዾ	ዹ	P.	ዻ	ይ	ድ	ዾ	免	ዾ					
	12f8	12f9	12fa	12fb	12fc	12fd	12fe	2d8d	12ff					
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	1300	1301	1302	1303	1304	1305	1306	2d8e	1307					
g	1	ጕ	1.	þ	2	9	7	<b>う</b>	3	ጕ	<i>ጉ</i> ኣ	<b>1</b>	Ъ	
	1308	1309	130a	130b	130c	130d	130e	130f	1313	1315	1312	1314	1310	
G	7	<i>ኘ</i> -	ኚ	ゔ	7	可	7		ጟ	<i>ች</i>	<i>ኘ</i> ҷ	3	ゃ	
	1318	1319	131a	131b	131c	131d	131e		131f	2d96	2d94	2d95	2d93	
Т	M	ጡ	ጢ,	அ	ጤ	T	M	'n	<b>த</b> ு					
	1320	1321	1322	1323	1324	1325	1326	2d8f	1327					
С	க	கு	வு	ஆ	æ	ஒ	கு	கு	வூ					
	1328	1329	132a	132b	132c	132d	132e	2d90	132f					
Р	ጰ	ጱ	ጷ	ጳ	ጴ	ጵ	ጶ	4	久					
	1330	1331	1332	1333	1334	1335	1336	2d91	1337					
t [ or F	8	8.	8.	ጻ	ጼ	X	8		ጿ					
	1338	1339	133a	133b	133c	133d	133e		133f					
T [ or V	в	ው	9.	9	2	ð	P	79						
1 [ 01 7	1340	1341	1342	1343	1344	1345	1346	1347						
f	6.	4.	d.	4.		F.	6.	1047	ፏ	4	d,	40	60	ፚ
•	1348	1349	134a	134b	<b>6</b>	134d	134e		134f	138b	1389	138a	1388	135a
n	<b>T</b>					<b>T</b>		ゕ		<b>7</b> 6			<b>7</b> 6	1554
р		<b>T</b>	<b>T</b>	<b>7</b>	<b>T</b>		7	7	<b>T</b>		<b>K</b>	<b>万</b>	_	
СЛ	1350	1351	1352	1353	1354	1355 <b>ਨੀ</b>	1356	2d92	1357	138f	138d	138e	138c	
S #														
. 11	2da0	2da1	2da2	2da3	2da4	2da5	2da6							
с#	<b>7</b> 2da8	<b>4</b> 2da9	Zdaa	子 2dab	<b>活</b> 2dac	2dad	2dae							
Z #				Af		新	H.							
<i>L</i> #	<b>A</b> 2db0	<b>2</b> db1	<b>AC</b> 2db2	2db3	<b>76</b> 2db4	<b>11</b> 2db5	2db6							
C #				, <b>6</b>										
C #	<b>6</b>	<b>466</b>	<b>-6</b> D,		•Be	*EP	<b>Less</b>							
0	2db8	2db9	2dba	2dbb	2dbc	2dbd	2dbe							
q #	Å	<b>Å</b>	Ř	ф	Ř	<b>*</b>	¥							
	2dc0	2dc1	2dc2	2dc3	2dc4	2dc5	2dc6							
k#	h	许	K.	ነ	1K	Ħ	h							
U[# ~=	2dc8	2dc9	2dca	2dcb	2dcc	2dcd	2dce							
H [ # or K#	<b>*</b>	<b>*</b>	<b>ዀ</b>	ኻ	九	ħ	や							
	2dd0	2dd1	2dd2	2dd3	2dd4	2dd5	2dd6							

keys:	-	u	i	а	у	е	0	0	W	Wu	Wi	Wy	Wo	WI
g #	ሃ	<b>ኝ</b> -	<b>ዃ</b>	ž	1	可	Ž							
	2dd8	2dd9	2dda	2ddb	2ddc	2ddd	2dde							
C =	ត	ត	៳	ஷ்	តិ	弱	क्र							
	ab20	ab21	ab22	ab23	ab24	ab25	ab26							
P =	8	ጷ	Z.	又	名	ጵ	Z							
	ab28	ab29	ab2a	ab2b	ab2c	ab2d	ab2e							
s =		ሑ	A.	ሳ	Å	À	Ą							
		ab01	ab02	ab03	ab04	ab05	ab06							
z =		Ħ	Ħ,	Ħ	Ħ	หี	Ħ							
		ab11	ab12	ab13	ab14	ab15	ab16							
D =		朵	Ŗ.	Ŗ	¢,	ድ	<b>Ļ</b>							
		ab09	ab0a	ab0b	ab0c	ab0d	ab0e							

# **Ethiopic Numbers**

The keystrokes are at the top of the column.

keys:	1 *	2 *	3 *	4 *	5 *	6 *	7 *	8 *	9 *
	፩	Ĕ	Ļ	Õ	ዾ	<b>Ž</b>	Ĩ.	Ţ	Ä
	1369	136a	136b	136c	136d	136e	136f	1370	1371
keys:	1*0	2*0	3*0	4*0	5*0	6*0	7*0	8*0	9*0
	Ĩ	Ķ	ญี	ମୁ	Ą	至	Ğ	Ť	Ĩ
	1372	1373	1374	1375	1376	1377	1378	1379	137a
keys:	1*00	1*000	1*0000						
	Ŗ	<u>i</u> g	Ħ						
	137b	e494	137c						

## **Punctuation**

The keystrokes are at the top of the column.

keys:	:	::	:-	:.	•	• •		./	,	,,	;
	:	4	:-	***	::	•	•	*	-	ī	1
	1361	1368	1366	1367	1362	0046	2022	1360	1365	1363	1364
keys:	< '	> '	< "	> "	m)						
	(	>	<b>«</b>	<b>&gt;&gt;</b>	<b>P</b>						
	2039	203a	00ab	00bb	e496						

## **Diacritics**

First create the desired syllable, then add the diacritic by typing the keystrokes at the top of the column.

keys:	.:	.'	. "	. 1	. 2	. 3	. 4	. 5	. 6	. 7	. 8	. 9	. 0
	ं	ី	ਂ	ैं	े	ੋ	ं	័	៌	ें	ं	ំ	ॅ
	135E	135F	135D	030f	0300	0304	0301	030b	0302	030c	0307	0308	0303

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tidy -w 80 -i -utf8 -ashtml -o output-file.html input-file.html

### **Technical Support**

For limited technical support, please contact:

Website: <a href="mailto:www.silethiopia.org">www.silethiopia.org</a>
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