

**Keys; Deutsch D****Vowels, line above Option:**

a	ā	a
i	ī	i
u	ū	u
o	ō	w
e	ē	p
A	Ā	A
I	Ī	I
U	Ū	U
O	Ō	W
E	Ē	P

**Vowels, other**

dotless i	ı	k
dotted I	İ	K
schwa	ə	S .
y-circonflex	ÿ	- y
Y-circonflex	Ÿ	- Y

**Consonants, dot under**

s	ş	s
d	ḍ	d
h	ḥ	h
t	ṭ	t
z	ẓ	z
k *	ḵ	- k
S	Ş	S
D	Ḍ	D
T	Ṭ	T
H	Ḥ	H
Z	Ẓ	Z
K *	Ḷ	- K

**Consonants, dot above**

g	ḡ	+
G	Ğ	S +

**Consonants, curve below**

h	ḥ	f
H	Ḥ	F

**Consonants, line below**

d	ḏ	y
D	Ḑ	Y
t	ṭ	r
T	Ṭ	R

**Consonants, caron above**

g	ḡ	g
c	č	- c
s	š	- s
z	ž	- z
G	Ḡ	G
C	Č	- C
S	Š	- S
Z	Ž	- Z

**Consonants, other**

Ayn	◌◌◌	l
Hamza	◌◌◌	j
g yumucak	ḡ	x
G yumucak	Ḡ	X

**Loose diacritics / accents**

dot below	◌◌◌	,
dot above	◌◌◌	S ,
dot above h	◌◌◌	L
line below	◌◌◌	- u
cedille	◌◌◌	S 5
line above	◌◌◌	- v
line above h	◌◌◌	- V
caron	◌◌◌	- g
caron high	◌◌◌	- G
acute	◌◌◌	- b
acute high	◌◌◌	- B
grave	◌◌◌	S 9
grave high	◌◌◌	S 0
two dots bel	◌◌◌	- H
curve below	◌◌◌	- h

— Write letter first, then diacritic

S = Shift.

- = Type Option-m and then letter

**Hooked hausa characters \*****Type Option-N (upper case) + letter**

k	ḵ	- k
K	Ḷ	- K
d	ḏ	- d
D	Ḑ	- D
b	ḡ	- b
B	Ḡ	- B

\* letters not present in KoufrUni or BairUni