

**KBDID:** 477

**Description:** India - Gujarati (ISCII-91)

**External Standard:** ISCII-91

**Status:** Registered

**National Layout:** Yes

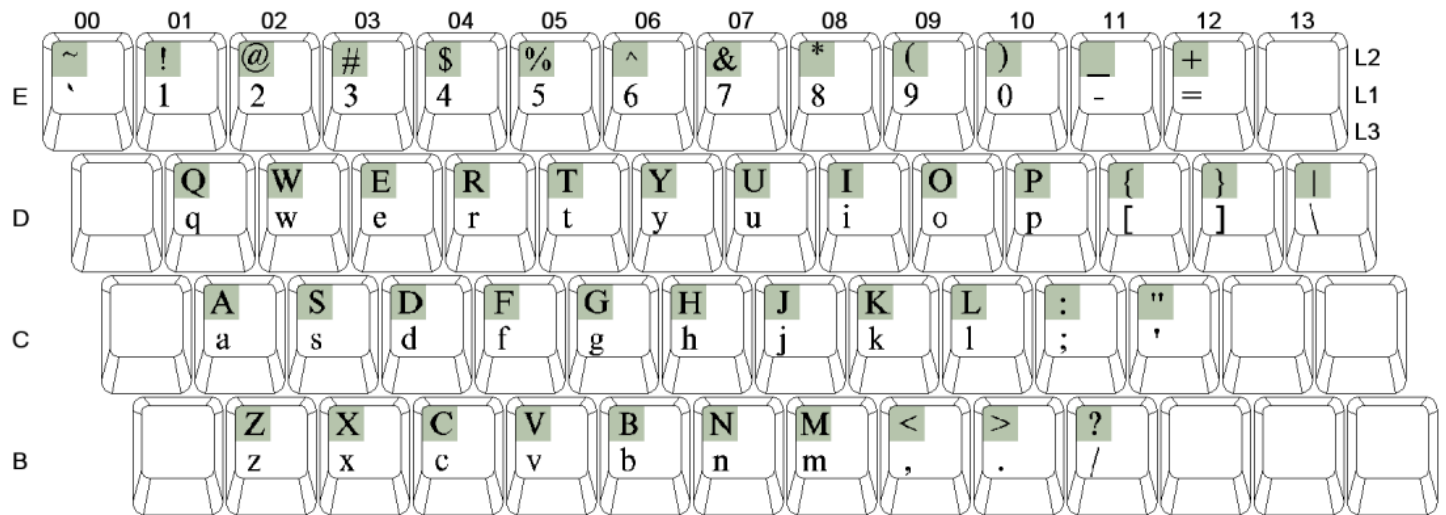
**Regions:** India

**Registration Date:** 2003-07-08

**Notes:**

Required for India.

## 477\_L - India-Gujarati (Latin group)



GLYPH	ROW	COL	LEVEL	IBM ID	DEAD KEY	NOT ENGRAVED	CHARACTER NAME	UNICODE ID
~	E	00	L2	SD19			Tilde Accent	U+007E
`	E	00	L1	SD13			Grave Accent	U+0060
!	E	01	L2	SP02			Exclamation Point	U+0021
1	E	01	L1	ND01			One	U+0031
@	E	02	L2	SM05			At Sign	U+0040
2	E	02	L1	ND02			Two	U+0032
#	E	03	L2	SM01			Number Sign	U+0023
3	E	03	L1	ND03			Three	U+0033
\$	E	04	L2	SC03			Dollar Sign	U+0024
4	E	04	L1	ND04			Four	U+0034
%	E	05	L2	SM02			Percent Sign	U+0025
5	E	05	L1	ND05			Five	U+0035
^	E	06	L2	SD15			Circumflex Accent	U+005E
6	E	06	L1	ND06			Six	U+0036
&	E	07	L2	SM03			Ampersand	U+0026
7	E	07	L1	ND07			Seven	U+0037
*	E	08	L2	SM04			Asterisk	U+002A
8	E	08	L1	ND08			Eight	U+0038
(	E	09	L2	SP06			Left Parenthesis	U+0028
9	E	09	L1	ND09			Nine	U+0039
)	E	10	L2	SP07			Right Parenthesis	U+0029
0	E	10	L1	ND10			Zero	U+0030
_	E	11	L2	SP09			Underline/Continuous Underscore	U+005F

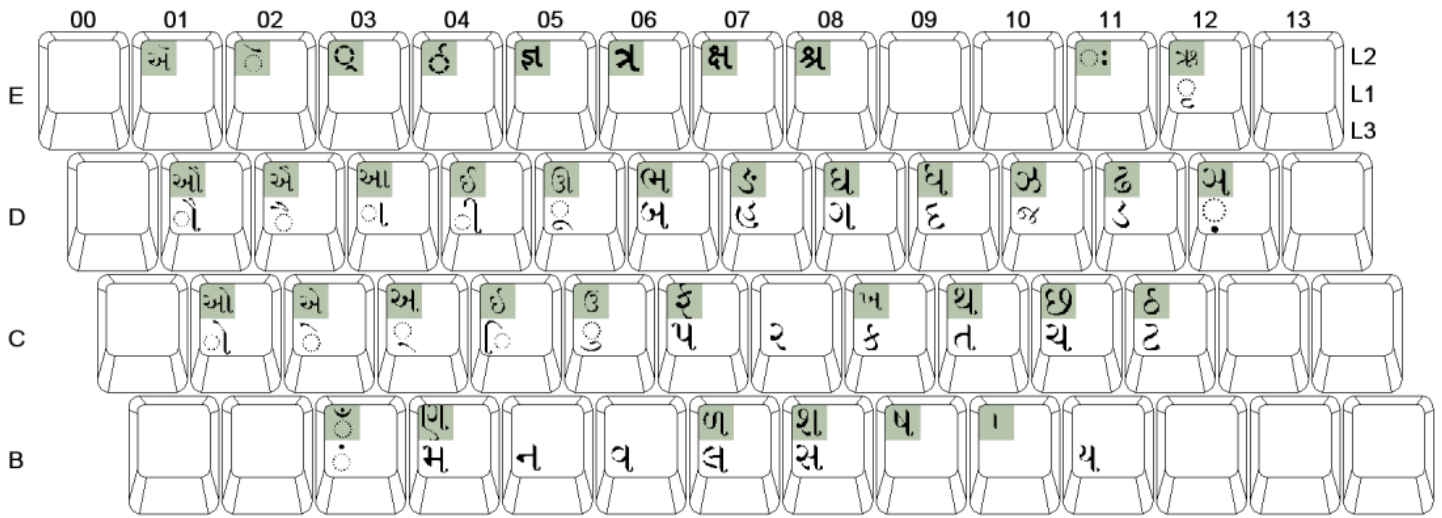
-	E	11	L1	SP10			Hyphen/Minus Sign	U+002D
+	E	12	L2	SA01			Plus Sign	U+002B
=	E	12	L1	SA04			Equal Sign	U+003D
Q	D	01	L2	LQ02			Q Capital	U+0051
q	D	01	L1	LQ01			q Small	U+0071
W	D	02	L2	LW02			W Capital	U+0057
w	D	02	L1	LW01			w Small	U+0077
E	D	03	L2	LE02			E Capital	U+0045
e	D	03	L1	LE01			e Small	U+0065
R	D	04	L2	LR02			R Capital	U+0052
r	D	04	L1	LR01			r Small	U+0072
T	D	05	L2	LT02			T Capital	U+0054
t	D	05	L1	LT01			t Small	U+0074
Y	D	06	L2	LY02			Y Capital	U+0059
y	D	06	L1	LY01			y Small	U+0079
U	D	07	L2	LU02			U Capital	U+0055
u	D	07	L1	LU01			u Small	U+0075
I	D	08	L2	LI02			I Capital	U+0049
i	D	08	L1	LI01			i Small	U+0069
O	D	09	L2	LO02			O Capital	U+004F
o	D	09	L1	LO01			o Small	U+006F
P	D	10	L2	LP02			P Capital	U+0050
p	D	10	L1	LP01			p Small	U+0070
{	D	11	L2	SM11			Left Brace	U+007B
[	D	11	L1	SM06			Left Bracket	U+005B
}	D	12	L2	SM14			Right Brace	U+007D
]	D	12	L1	SM08			Right Bracket	U+005D
	D	13	L2	SM13			Vertical Line/Logical OR	U+007C
\	D	13	L1	SM07			Backslash	U+005C
A	C	01	L2	LA02			A Capital	U+0041
a	C	01	L1	LA01			a Small	U+0061
S	C	02	L2	LS02			S Capital	U+0053
s	C	02	L1	LS01			s Small	U+0073
D	C	03	L2	LD02			D Capital	U+0044
d	C	03	L1	LD01			d Small	U+0064
F	C	04	L2	LF02			F Capital	U+0046
f	C	04	L1	LF01			f Small	U+0066
G	C	05	L2	LG02			G Capital	U+0047
g	C	05	L1	LG01			g Small	U+0067
H	C	06	L2	LH02			H Capital	U+0048
h	C	06	L1	LH01			h Small	U+0068
J	C	07	L2	LJ02			J Capital	U+004A
j	C	07	L1	LJ01			j Small	U+006A
K	C	08	L2	LK02			K Capital	U+004B
k	C	08	L1	LK01			k Small	U+006B
L	C	09	L2	LL02			L Capital	U+004C
l	C	09	L1	LL01			l Small	U+006C
:	C	10	L2	SP13			Colon	U+003A

;	C	10	L1	SP14			Semicolon	U+003B
"	C	11	L2	SP04			Quotation Marks	U+0022
'	C	11	L1	SP05			Apostrophe	U+0027
Z	B	01	L2	LZ02			Z Capital	U+005A
z	B	01	L1	LZ01			z Small	U+007A
X	B	02	L2	LX02			X Capital	U+0058
x	B	02	L1	LX01			x Small	U+0078
C	B	03	L2	LC02			C Capital	U+0043
c	B	03	L1	LC01			c Small	U+0063
V	B	04	L2	LV02			V Capital	U+0056
v	B	04	L1	LV01			v Small	U+0076
B	B	05	L2	LB02			B Capital	U+0042
b	B	05	L1	LB01			b Small	U+0062
N	B	06	L2	LN02			N Capital	U+004E
n	B	06	L1	LN01			n Small	U+006E
M	B	07	L2	LM02			M Capital	U+004D
m	B	07	L1	LM01			m Small	U+006D
<	B	08	L2	SA03			Less Than Sign/Greater Than Sign (Arabic)	U+003C
,	B	08	L1	SP08			Comma	U+002C
>	B	09	L2	SA05			Greater Than Sign/Less Than Sign (Arabic)	U+003E
.	B	09	L1	SP11			Period/Full Stop	U+002E
?	B	10	L2	SP15			Question Mark	U+003F
/	B	10	L1	SP12			Slash	U+002F

**Notes:**

The Latin group is identical to that specified in the Indian Standard ISCII-91.

# 477\_G - India-Gujarati (Inscript)



GLYPH	ROW	COL	LEVEL	IBM ID	DEAD KEY	NOT ENGRAVED	CHARACTER NAME	UNICODE ID
अ	E	01	L2	U0000A8D			GUJARATI VOWEL CANDRA E	U+0A8D
ँ	E	02	L2	U0000AC5			GUJARATI VOWEL SIGN CANDRA	U+0AC5
ॠ	E	03	L2	U0FC0035			GUJARATI Composite VIRAMA (U+0ACD) + RA (U+0AB0)	
ई	E	04	L2	U0FC0036			GUJARATI Composite RA (U+0AB0) + VIRAMA (U+0ACD)	
इ	E	05	L2	U0FC0037			GUJARATI Composite JA (U+0A9C) + VIRAMA (U+0ACD) + NYA (U+0A9E)	
ऋ	E	06	L2	U0FC0038			GUJARATI Composite TA (U+0AA4) + VIRAMA (U+0ACD) + RA (U+0AB0)	
ॡ	E	07	L2	U0FC0039			GUJARATI Composite KA (U+0A95) + VIRAMA (U+0ACD) + SSA (U+0AB7)	
श्र	E	08	L2	U0FC003A			GUJARATI Composite SHA (U+0AB6) + VIRAMA (U+0ACD) + RA (U+0AB0)	
ः	E	11	L2	U0000A83			GUJARATI SIGN VISARGA	U+0A83
ऋ	E	12	L2	U0000A8B			GUJARATI LETTER VOCALIC R	U+0A8B
ृ	E	12	L1	U0000AC3			GUJARATI VOWEL SIGN VOCALIC R	U+0AC3
औ	D	01	L2	U0000A94			GUJARATI LETTER AU	U+0A94
ौ	D	01	L1	U0000ACC			GUJARATI VOWEL SIGN AU	U+0ACC
ऐ	D	02	L2	U0000A90			GUJARATI LETTER AI	U+0A90
ै	D	02	L1	U0000AC8			GUJARATI VOWEL SIGN AI	U+0AC8
आ	D	03	L2	U0000A86			GUJARATI LETTER AA	U+0A86
ा	D	03	L1	U0000ABE			GUJARATI VOWEL SIGN AA	U+0ABE
ई	D	04	L2	U0000A88			GUJARATI LETTER II	U+0A88
ी	D	04	L1	U0000AC0			GUJARATI VOWEL SIGN II	U+0AC0
उ	D	05	L2	U0000A8A			GUJARATI LETTER UU	U+0A8A
ू	D	05	L1	U0000AC2			GUJARATI VOWEL SIGN UU	U+0AC2
भ	D	06	L2	U0000AAD			GUJARATI LETTER BHA	U+0AAD
भ	D	06	L1	U0000AAC			GUJARATI LETTER BA	U+0AAC
ङ	D	07	L2	U0000A99			GUJARATI LETTER NGA	U+0A99
ङ	D	07	L1	U0000AB9			GUJARATI LETTER HA	U+0AB9
घ	D	08	L2	U0000A98			GUJARATI LETTER GHA	U+0A98
ग	D	08	L1	U0000A97			GUJARATI LETTER GA	U+0A97
ध	D	09	L2	U0000AA7			GUJARATI LETTER DHA	U+0AA7
द	D	09	L1	U0000AA6			GUJARATI LETTER DA	U+0AA6
ञ	D	10	L2	U0000A9D			GUJARATI LETTER JHA	U+0A9D
ज	D	10	L1	U0000A9C			GUJARATI LETTER JA	U+0A9C

ઢ	D	11	L2	U0000AA2			GUJARATI LETTER DDHA	U+0AA2
ડ	D	11	L1	U0000AA1			GUJARATI LETTER DDA	U+0AA1
ઢ	D	12	L2	U0000A9E			GUJARATI LETTER NYA	U+0A9E
◌̣	D	12	L1	U0000ABC			GUJARATI SIGN NUKTA	U+0ABC
ઑ	C	01	L2	U0000A93			GUJARATI LETTER O	U+0A93
ઐ	C	01	L1	U0000ACB			GUJARATI VOWEL SIGN O	U+0ACB
એ	C	02	L2	U0000A8F			GUJARATI LETTER E	U+0A8F
ૈ	C	02	L1	U0000AC7			GUJARATI VOWEL SIGN E	U+0AC7
અ	C	03	L2	U0000A85			GUJARATI LETTER A	U+0A85
◌̣	C	03	L1	U0000ACD			GUJARATI SIGN HALANT	U+0ACD
ઇ	C	04	L2	U0000A87			GUJARATI LETTER I	U+0A87
ૈ	C	04	L1	U0000ABF			GUJARATI VOWEL SIGN I	U+0ABF
ઉ	C	05	L2	U0000A89			GUJARATI LETTER U	U+0A89
ૈ	C	05	L1	U0000AC1			GUJARATI VOWEL SIGN U	U+0AC1
ફ	C	06	L2	U0000AA	B		GUJARATI LETTER PHA	U+0AAB
પ	C	06	L1	U0000AA	A		GUJARATI LETTER PA	U+0AAA
ર	C	07	L1	U0000AB0			GUJARATI LETTER RA	U+0AB0
ખ	C	08	L2	U0000A96			GUJARATI LETTER KHA	U+0A96
ક	C	08	L1	U0000A95			GUJARATI LETTER KA	U+0A95
થ	C	09	L2	U0000AA5			GUJARATI LETTER THA	U+0AA5
ત	C	09	L1	U0000AA4			GUJARATI LETTER TA	U+0AA4
છ	C	10	L2	U0000A9B			GUJARATI LETTER CHA	U+0A9B
જ	C	10	L1	U0000A9A			GUJARATI LETTER CA	U+0A9A
ટ	C	11	L2	U0000AA0			GUJARATI LETTER TTHA	U+0AA0
ટ	C	11	L1	U0000A9F			GUJARATI LETTER TTA	U+0A9F
◌̣	B	02	L2	U0000A81			GUJARATI SIGN CANDRA BINDU	U+0A81
◌̣	B	02	L1	U0000A82			GUJARATI SIGN ANUSVARA	U+0A82
ઙ	B	03	L2	U0000AA3			GUJARATI LETTER NNA	U+0AA3
ઙ	B	03	L1	U0000AAE			GUJARATI LETTER MA	U+0AAE
ન	B	04	L1	U0000AA8			GUJARATI LETTER NA	U+0AA8
વ	B	05	L1	U0000AB5			GUJARATI LETTER VA	U+0AB5
લ	B	06	L2	U0000AB3			GUJARATI LETTER LLA	U+0AB3
લ	B	06	L1	U0000AB2			GUJARATI LETTER LA	U+0AB2
શ	B	07	L2	U0000AB6			GUJARATI LETTER SHA	U+0AB6
સ	B	07	L1	U0000AB8			GUJARATI LETTER SA	U+0AB8
ષ	B	08	L2	U0000AB7			GUJARATI LETTER SSA	U+0AB7
।	B	09	L2	U0000964			DEVANAGARI DANDA (VIRAM IN ISCII)	U+0964
ય	B	10	L1	U0000AAF			GUJARATI LETTER YA	U+0AAF

**Notes:**

1) KBD477 is based on the Inscript Overlay for Gujarati as specified in the Indian Standard ISCII-91.

2) The following characters in Row E, Cols 3-8, Level 2 are precomposed of 2 or 3 other characters:

U0FC0035 = VIRAMA (U+0ACD) + RA (U+0AB0)

U0FC0036 = RA (U+0AB0) + VIRAMA (U+0ACD)

U0FC0037 = JA (U+0A9C) + VIRAMA (U+0ACD) + NYA (U+0A9E)

U0FC0038 = TA (U+0AA4) + VIRAMA (U+0ACD) + RA (U+0AB0)

U0FC0039 = KA (U+0A95) + VIRAMA (U+0ACD) + SSA (U+0AB7)

U0FC003A = SHA (U+0AB6) + VIRAMA (U+0ACD) + RA (U+0AB0)

3) The following UCS characters are not present in the Inscript keyboard:

U+0A8C - Gujarati Letter VOCALIC L  
U+0A91 - Gujarati Vowel CANDRA O  
U+0ABD - Gujarati Sign AVAGRAHA  
U+0AC4 - Gujarati Vowel Sign VOCALIC RR  
U+0AC9 - Gujarati Vowel Sign CANDRA O  
U+0AD0 - Gujarati OM  
U+0AE0 - Gujarati Letter VOCALIC RR  
U+0AE1 - Gujarati Letter VOCALIC LL  
U+0AE2 - Gujarati Vowel Sign VOCALIC L  
U+0AE3 - Gujarati Vowel Sign VOCALIC LL  
U+0AF1 - Gujarati RUPEE SIGN

4) The Gujarati digits 0-9 (U+0AE6 through U+0AEF) are not present in the Inscript keyboard. However, applications can use the following keyboard positions to toggle between the International digits (as specified in the Inscript keyboard) and the Gujarati digits:

Row E, Col 1, L1 - U+0AE7 (Gujarati Digit One)  
Row E, Col 2, L1 - U+0AE8 (Gujarati Digit Two)  
Row E, Col 3, L1 - U+0AE9 (Gujarati Digit Three)  
Row E, Col 4, L1 - U+0AEA (Gujarati Digit Four)  
Row E, Col 5, L1 - U+0AEB (Gujarati Digit Five)  
Row E, Col 6, L1 - U+0AEC (Gujarati Digit Six)  
Row E, Col 7, L1 - U+0AED (Gujarati Digit Seven)  
Row E, Col 8, L1 - U+0AEE (Gujarati Digit Eight)  
Row E, Col 9, L1 - U+0AEF (Gujarati Digit Nine)  
Row E, Col 10, L1 - U+0AE6 (Gujarati Digit zero)

5) The Gujarati character Danda should be placed in position Row B, Col 9, Level 2. However, this character is not defined in Unicode. The Devanagari DANDA (U+0964) is used instead.