

KBDID: 481

Description: India - Gurmukhi (Microsoft)

Status: Registered

National Layout: No

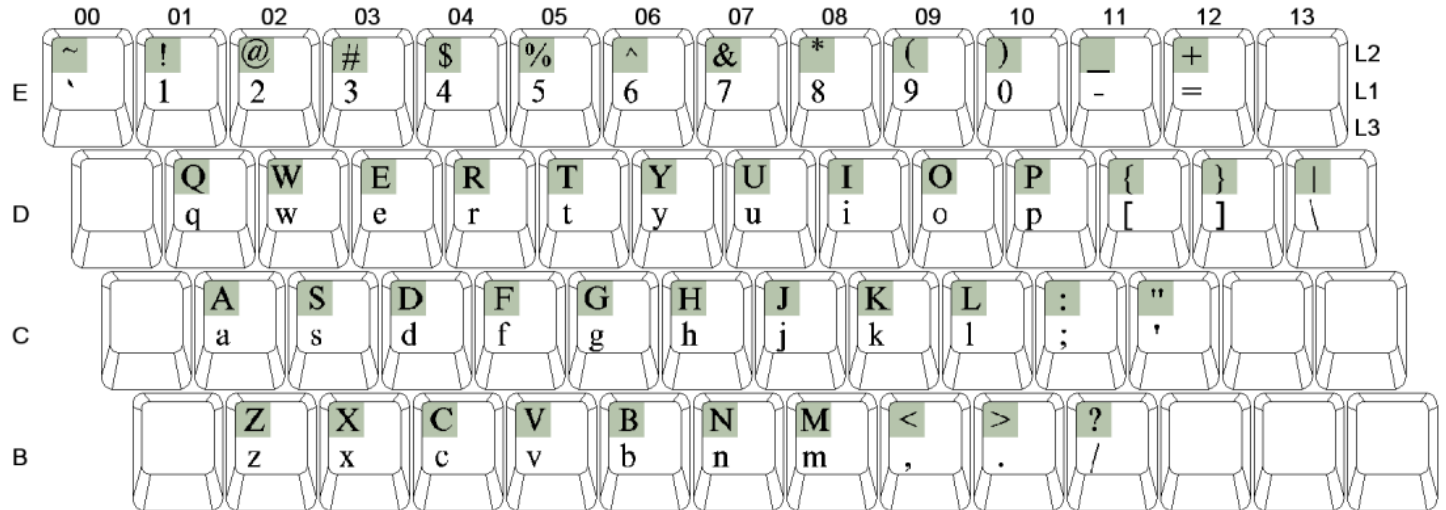
Regions: India

Registration Date: 2003-06-27

Notes:

Required for India.

481_L - India-Gurmukhi (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

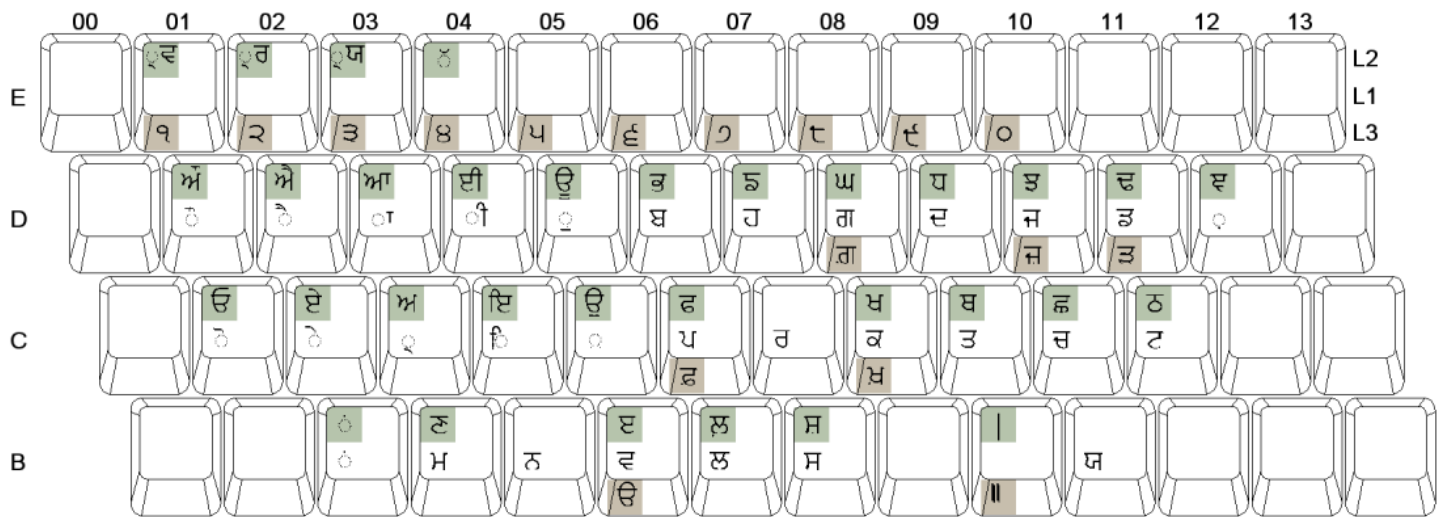
+	E	12	L2	SA01			Plus Sign	U+002B
=	E	12	L1	SA04			Equal Sign	U+003D
Q	D	01	L2	LQ02			Q Capital	U+0051
q	D	01	L1	LQ01			q Small	U+0071
W	D	02	L2	LW02			W Capital	U+0057
w	D	02	L1	LW01			w Small	U+0077
E	D	03	L2	LE02			E Capital	U+0045
e	D	03	L1	LE01			e Small	U+0065
R	D	04	L2	LR02			R Capital	U+0052
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.

481_G - India-Gurmukhi(Punjabi)



GLYPH	ROW	COL	LEVEL	IBM ID	DEAD KEY	NOT ENGRAVED	CHARACTER NAME	UNICODE ID
ੴ	E	01	L2	U0FC0060			Gurmukhi Composite Virama (0A4D) + VA (0A35)	
ੴ	E	01	L3	U0000A67			GURMUKHI DIGIT ONE	U+0A67
ੴ	E	02	L2	U0FC0061			Gurmukhi Composite Virama (0A4D) + YA (0A2F)	
ੴ	E	02	L3	U0000A68			GURMUKHI DIGIT TWO	U+0A68
ੴ	E	03	L2	U0FC0062			Gurmukhi Composite Virama (0A4D) + RA (0A30)	
ੴ	E	03	L3	U0000A69			GURMUKHI DIGIT THREE	U+0A69
ੴ	E	04	L2	U0000A71			GURMUKHI ADDAK	U+0A71
ੴ	E	04	L3	U0000A6A			GURMUKHI DIGIT FOUR	U+0A6A
ੴ	E	05	L3	U0000A6B			GURMUKHI DIGIT FIVE	U+0A6B
ੴ	E	06	L3	U0000A6C			GURMUKHI DIGIT SIX	U+0A6C
ੴ	E	07	L3	U0000A6D			GURMUKHI DIGIT SEVEN	U+0A6D
ੴ	E	08	L3	U0000A6E			GURMUKHI DIGIT EIGHT	U+0A6E
ੴ	E	09	L3	U0000A6F			GURMUKHI DIGIT NINE	U+0A6F
ੴ	E	10	L3	U0000A66			GURMUKHI DIGIT ZERO	U+0A66
ਅ	D	01	L2	U0000A14			GURMUKHI LETTER AU	U+0A14
ੳ	D	01	L1	U0000A4C			GURMUKHI VOWEL SIGN AU	U+0A4C
ਐ	D	02	L2	U0000A10			GURMUKHI LETTER AI	U+0A10
ੲ	D	02	L1	U0000A48			GURMUKHI VOWEL SIGN AI	U+0A48
ਆ	D	03	L2	U0000A06			GURMUKHI LETTER AA	U+0A06
ੳ	D	03	L1	U0000A3E			GURMUKHI VOWEL SIGN AA	U+0A3E
ਈ	D	04	L2	U0000A08			GURMUKHI LETTER II	U+0A08
ੳ	D	04	L1	U0000A40			GURMUKHI VOWEL SIGN II	U+0A40
ਉ	D	05	L2	U0000A0A			GURMUKHI LETTER UU	U+0A0A
ੳ	D	05	L1	U0000A42			GURMUKHI VOWEL SIGN UU	U+0A42
ਭ	D	06	L2	U0000A2D			GURMUKHI LETTER BHA	U+0A2D
ਬ	D	06	L1	U0000A2C			GURMUKHI LETTER BA	U+0A2C
ਙ	D	07	L2	U0000A19			GURMUKHI LETTER NGA	U+0A19
ਙ	D	07	L1	U0000A39			GURMUKHI LETTER HA	U+0A39
ਘ	D	08	L2	U0000A18			GURMUKHI LETTER GHA	U+0A18
ਗ	D	08	L1	U0000A17			GURMUKHI LETTER GA	U+0A17
ਗ	D	08	L3	U0000A5A			GURMUKHI LETTER GHH	U+0A5A

ਧ	D	09	L2	U0000A27			GURMUKHI LETTER DHA	U+0A27
ਦ	D	09	L1	U0000A26			GURMUKHI LETTER DA	U+0A26
ੜ	D	10	L2	U0000A1D			GURMUKHI LETTER JHA	U+0A1D
ਜ	D	10	L1	U0000A1C			GURMUKHI LETTER JA	U+0A1C
ਜ਼	D	10	L3	U0000A5B			GURMUKHI LETTER ZA	U+0A5B
ੲ	D	11	L2	U0000A22			GURMUKHI LETTER DDH	U+0A22
ਡ	D	11	L1	U0000A21			GURMUKHI LETTER DDA	U+0A21
ੳ	D	11	L3	U0000A5C			GURMUKHI LETTER RRA	U+0A5C
ਢ	D	12	L2	U0000A1E			GURMUKHI LETTER NYA	U+0A1E
ੴ	D	12	L1	U0000A3C			GURMUKHI SIGN NUKTA	U+0A3C
ੳ	C	01	L2	U0000A13			GURMUKHI LETTER OO	U+0A13
ਏ	C	01	L1	U0000A4B			GURMUKHI VOWEL SIGN OO	U+0A4B
ਏ	C	02	L2	U0000A0F			GURMUKHI LETTER EE	U+0A0F
ਏ	C	02	L1	U0000A47			GURMUKHI VOWEL SIGN EE	U+0A47
ਅ	C	03	L2	U0000A05			GURMUKHI LETTER A	U+0A05
ੲ	C	03	L1	U0000A4D			GURMUKHI SIGN VIRAM	U+0A4D
ਇ	C	04	L2	U0000A07			GURMUKHI LETTER I	U+0A07
ਿ	C	04	L1	U0000A3F			GURMUKHI VOWEL SIGN I	U+0A3F
ਉ	C	05	L2	U0000A09			GURMUKHI LETTER U	U+0A09
ੁ	C	05	L1	U0000A41			GURMUKHI VOWEL SIGN U	U+0A41
ਫ	C	06	L2	U0000A2B			GURMUKHI LETTER PHA	U+0A2B
ਪ	C	06	L1	U0000A2A			GURMUKHI LETTER PA	U+0A2A
ਫ਼	C	06	L3	U0000A5E			GURMUKHI LETTER FA	U+0A5E
ਰ	C	07	L1	U0000A30			GURMUKHI LETTER RA	U+0A30
ਖ	C	08	L2	U0000A16			GURMUKHI LETTER KHA	U+0A16
ਕ	C	08	L1	U0000A15			GURMUKHI LETTER KA	U+0A15
ਖ਼	C	08	L3	U0000A59			GURMUKHI LETTER KHHA	U+0A59
ਥ	C	09	L2	U0000A25			GURMUKHI LETTER THA	U+0A25
ਤ	C	09	L1	U0000A24			GURMUKHI LETTER TA	U+0A24
ਠ	C	10	L2	U0000A1B			GURMUKHI LETTER CHA	U+0A1B
ਚ	C	10	L1	U0000A1A			GURMUKHI LETTER CA	U+0A1A
ਠ	C	11	L2	U0000A20			GURMUKHI LETTER TTH	U+0A20
ਟ	C	11	L1	U0000A1F			GURMUKHI LETTER TTA	U+0A1F
ੰ	B	02	L2	U0000A02			GURMUKHI SIGN BINDI	U+0A02
ੰ	B	02	L1	U0000A02			GURMUKHI SIGN BINDI	U+0A02
ਣ	B	03	L2	U0000A23			GURMUKHI LETTER NNA	U+0A23
ਮ	B	03	L1	U0000A2E			GURMUKHI LETTER MA	U+0A2E
ਨ	B	04	L1	U0000A28			GURMUKHI LETTER NA	U+0A28
ੲ	B	05	L2	U0000A72			GURMUKHI IRI	U+0A72
ਵ	B	05	L1	U0000A35			GURMUKHI LETTER VA	U+0A35
ਉ	B	05	L3	U0000A73			GURMUKHI URA	U+0A73
ਲ਼	B	06	L2	U0000A33			GURMUKHI LETTER LLA	U+0A33
ਲ	B	06	L1	U0000A32			GURMUKHI LETTER LA	U+0A32
ਸ਼	B	07	L2	U0000A36			GURMUKHI LETTER SHA	U+0A36
ਸ	B	07	L1	U0000A38			GURMUKHI LETTER SA	U+0A38
|	B	09	L2	SM13			Vertical Line/Logical OR	U+007C
॥	B	09	L3	U0000965			DEVANAGARI DOUBLE DANDA	U+0965
ਯ	B	10	L1	U0000A2F			GURMUKHI LETTER YA	U+0A2F

Notes:

1) KBD481 is based on the Microsoft Punjabi (Gurmukhi) keyboard layout for Windows-XP as documented in the Microsoft Global Development and Computing portal (<http://www.microsoft.com/globaldev/reference/keyboards.aspx>) as of June 2003.

2) The following characters in Row E, Columns 1 & 2, Level 2 are precomposed of 2 other characters:

U0FC0060 = Gurmukhi Composite Virama (U+0A4D) + Letter VA (U+0A35)

U0FC0061 = Gurmukhi Composite Virama (U+0A4D) + Letter YA (U+0A2F)

These composed characters are not present in Inscript.

3) Row E, Col 3, L2 - composed character U0FC0062 is precomposed of the Gurmukhi Virama (U+0A4D) + Letter RA (U+0A30). In contrast, the composed character in this position as specified in Inscript is U0FC0063 which is precomposed of the Gurmukhi ADDAK (U+0A35) + RA (U+0A30).

4) Row E, Cols 1-10, L3 - Gurmukhi Digits 1-9 and 0 are assigned by MS; there are no characters assigned in these positions in Inscript.

5) Row D, Col 8, L3 - Gurmukhi Letter GHHA (U+0A5A) is assigned by MS; there is no character assigned here in Inscript.

6) Row D, Col 10, L3 - Gurmukhi Letter ZA (U+0A5B) is assigned by MS; there is no character assigned here in Inscript.

7) Row D, Col 11, L3 - Gurmukhi Letter RRA (U+0A5C) is assigned by MS; there is no character assigned here in Inscript.

8) Row C, Col 3, L1 - Gurmukhi Sign Virama (U+0A4D) is assigned by MS; ADDAK (U+0A71) is assigned here in Inscript.

9) Row C, Col 6, L3 - Gurmukhi Letter FA (U+0A5E) is assigned by MS; there is no character assigned here in Inscript.

10) Row C, Col 8, L3 - Gurmukhi Letter KHHA (U+0A59) is assigned by MS; there is no character assigned here in Inscript.

11) Row B, Col 2, L1 - Gurmukhi Sign Bindi (U+0A02) is assigned by MS; TIPPI (U+0A70) is assigned here in Inscript.

12) Row B, Col 2, L2 - Gurmukhi Sign Bindi (U+0A02) is assigned by MS; there is no character assigned here in Inscript.

13) Row B, Col 5, L2 - Gurmukhi IRI (U+0A72) is assigned by MS; there is no character assigned here in Inscript.

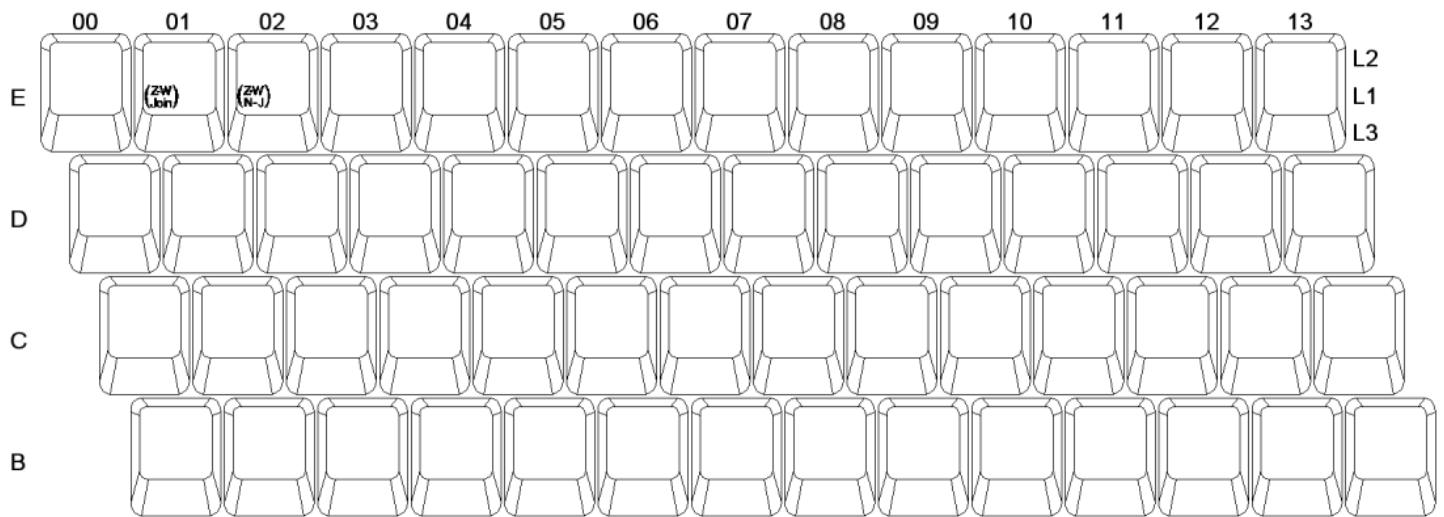
14) Row B, Col 5, L3 - Gurmukhi URA (U+0A73) is assigned by MS; there is no character assigned here in Inscript.

15) Row B, Col 6, L2 - Gurmukhi Letter LLA (U+0A33) is assigned by MS; there is no character assigned here in Inscript.

16) Row B, Col 9, L2 - SM13: Vertical Line (U+0071) is assigned by MS; the Gurmukhi DANDA is assigned here in Inscript.

17) Row B, Col 9, L3 - Devanagari Double Danda (U+0965) is assigned by MS; there is no character assigned here in Inscript.

481_O - India-Gurmukhi (MS Overlay)



GLYPH	ROW	COL	LEVEL	IBM ID	DEAD KEY	NOT ENGRAVED	CHARACTER NAME	UNICODE ID
(ZW) (Join)	E	01	L1	U000200D			ZERO WIDTH JOINER	
(ZW) (N-J)	E	02	L1	U000200C			ZERO WIDTH NON-JOINER	

Notes:

1) This is reserved for the additional keyboard layer (Shift-Ctrl state) in the Microsoft Gurmukhi (Punjabi) keyboard layout for Windows-XP. In this layer, the following general punctuation characters are available for entry:

Row E, Col 01 - Zero Width Joiner (U+200D)

Row E, Col 02 - Zero Width Non-joiner (U+200C)

2) This layer is not present in Inscript.