



## ISIS Bangla Keyboard Help

Keyboard © 2008 Gautam Sengupta

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### Overview

This keyboard lets you type in Bengali (Bangla) and Assamese. It is one of the ISIS set of keyboards, which allow typing in all Indian languages. The keyboard is phonetic, which means it follows the English (QWERTY) layout. This makes it easy for people who are learning Bengali to use, as well as for Bengali speakers.

If a special font is needed for this language, most computers will download it automatically.

[Click here](#) to see other keyboard layouts for Bengali.

### Using this Keyboard

#### Keyboard Layout

Unshifted															
`	1	2	3	4	5	6	7	8	9	0	-	=	Backspace		
	ৗ	৙	৚	৛	ড়	ঢ়	৞	য়	ৠ	ৡ	ৢ	ৣ	৤	৥	০
Tab	Q	W	E	R	T	Y	U	I	O	P	[	]	\	্	
	ক	খ	গ	ঘ	ঙ	চ	ছ	জ	ঝ	ঞ	ট	ঠ	ড	ঢ	ণ
Caps Lock	A	S	D	F	G	H	J	K	L	;	'	Enter			
	অ	স	দ	ফ	গ	হ	জ	ক	ল	,	.	/			
Shift	Z	X	C	V	B	N	M	,	.	/	Shift				
	জ	খ	চ	ছ	ব	ন	ম	,	.	/					
Ctrl		Alt										Alt		Ctrl	

Shift															
`	1	2	3	4	5	6	7	8	9	0	-	=	Backspace		
				ৗ											
Tab	Q	W	E	R	T	Y	U	I	O	P	[	]	\		
			ঐ	ঊ	ঋ	ঌ	঍	এ	উ						
Caps Lock	A	S	D	F	G	H	J	K	L	;	'	Enter			
	আ	শ	ড	ফ	গ	ং	খ								
Shift	Z	X	C	V	B	N	M	,	.	/	Shift				
						ণ	ং	,	.	/					
Ctrl		Alt										Alt		Ctrl	

Ctrl															
`	1	2	3	4	5	6	7	8	9	0	-	=	Backspace		

Tab	Q	W	E	R	T	Y	U	I	O	P	[	]	\
Caps Lock	A	S	D	F	G	H	J	K	L	;	'	Enter	
Shift	Z	X	C	V	B	N	M	,	.	/	Shift		
Ctrl		Alt							Alt		Ctrl		

### Quickstart

Anybody who is familiar with a normal English keyboard can use this keyboard to type Bengali. If you press an English letter, the closest Bengali character will be displayed. You can type long vowels by pressing the vowel key twice. Bengali includes some consonants and vowels which are not in English, so these are typed with spare keys or with **Shift** + .

Most Bengali characters have both consonant and vowel parts, and each part should be typed separately. The consonant part is always typed before the vowel, no matter where the vowel part is written. For example, typing **ি** will produce the vowel **ই**. If this vowel is typed after a consonant has been typed, it will be combined with a consonant, such as **কি** (**k****ি**). If you press Backspace once, only the vowel part will be erased, and you can type a different vowel.

### Examples

Language	Phrase	Meaning	Type the following keys
Assamese	অসমীয়া	Name of language	a s m i i y Ctrl + . a
Bengali	বাংলা লিপি	Name of language	b a M l a l i p i

### Keyboard Details

The On Screen Keyboard shows the standalone vowels **অ আ ই ঐ উ ঊ এ ঐ ও ঔ**, and many of the normal consonants: **ক গ চ জ ট ড ণ ত দ ন প ব ম য় র ল ষ স হ ঙ**. Other consonants are typed using more than one key. The keyboard also includes Bengali numbers, as well as punctuation and special characters.

Bengali vowels and consonants are usually combined, so when you type a consonant and a vowel part, they will be joined into one character. If you use the arrow keys to move through the text, you only need to press an arrow key once to move past each character. If you press Delete before (on the left of) a combined consonant and vowel, it will be erased completely, but if you press Backspace after a character, only the vowel part will be erased (even if the vowel part appears before the consonant).

### Vowels and Consonants

When you type consonants and vowel parts, you should always type the consonant part first, even when the vowel part appears on the left of the consonant. If you type any of the independent vowels, they will not be combined with consonants.

All the consonants naturally include the vowel sound **অ**, so if you want to produce a consonant with no vowel, you need to add the **্** mark. You can do this by typing **্** right after typing a consonant. After you have typed the **্** mark, you cannot type a vowel to combine with that consonant.

Bengali includes many combined consonants, and these are not shown on the keyboard. To type a combined consonant, type the first consonant, then the **্** mark, then the second consonant. The computer will then combine the two consonants into a single combined character. For example, typing **ক্****খ** produces the combined consonant **ক্খ**.

### Keystroke Examples

In the following table you can see examples of how to type the different vowels with the consonant **ক**. For a table of all the normal Bengali characters and how to type them, [click here](#).

Consonant	Vowel	Combined	Keystrokes
ক	্	ক্	k ্
	অ	ক	k
	আ	কা	k a
	ই	কি	k i
	ঐ	কী	k i i

ক	কু	<span>k</span> <span>u</span>
খ	কু	<span>k</span> <span>u</span> <span>u</span>
গ	ক	
ঘ	কে	<span>k</span> <span>e</span>
ঙ	কৈ	<span>k</span> <span>E</span>
চ	কো	<span>k</span> <span>o</span>
ছ	কৌ	<span>k</span> <span>O</span>

## Troubleshooting

### Fonts

If you see squares when you type, or the Bengali characters do not appear correctly, please read the [KeymanWeb troubleshooting guide](#).

### Problem Solving

If a vowel does not combine with a consonant, make sure you have typed the consonant first. Also check that you have not typed another vowel already, or the ◌ mark.

## Further Resources

### Related Keyboard Layouts

Other Keyboard Layouts for the Bengali language:

[Inscript Bengali](#)

[Traditional Bengali](#)

Other Keyboard Layouts for the Assamese language:

[Sabdaliipi](#)

### Other Internet Resources

[Download ISIS Bengali for Keyman Desktop](#)

[Bengali Alphabet at Omniglot.com](#)

[Bengali Language at Wikipedia.org](#)

[Bengali Script at Wikipedia.org](#)

## Technical Information

### System Requirements

It is recommended that you use an English QWERTY hardware keyboard with this keyboard.

### Unicode Version

This keyboard complies with Unicode 5.1

### Keyboard Authorship

This keyboard was created as part of the Indian Script Input System package by Professor Gautam Sengupta of the Center for Applied Linguistics and Translation Studies, University of Hyderabad. Tavultesoft gratefully acknowledges the contribution made by the author in developing this keyboard and making it freely available for use with Keyman Desktop and KeymanWeb. His effort assists in enabling people to communicate in their own language.

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## Keyboard Reference Chart

The following chart lists all the characters available with this keyboard. Below each character are the keys used to type it.

Because Bengali includes hundreds of combined consonants, these are not shown on this chart. To type combined consonants, type a ◌ mark (d) between the two consonants.

<b>\ Vowels</b>	◌	অ	আ	ই	ঈ	এ	ঐ	ঔ	ঊ	ঋ	ঌ	঍	ঔ
-----------------	---	---	---	---	---	---	---	---	---	---	---	---	---

C'nants\	।	a	aa	i	ii	u	uu	!	e	E	o	O
ক k	ক k।	ক k	কা ka	কি ki	কী kii	কু ku	কু kuu	ক k	কে ke	কে kE	কো ko	কৌ kO
খ kh	খ kh।	খ kh	খা kha	খি khi	খী khii	খু khu	খু khuu	খ kh	খে khe	খে kHE	খো kho	খৌ khO
গ g	গ g।	গ g	গা ga	গি gi	গী gii	গু gu	গু guu	গ g	গে ge	গে gE	গো go	গৌ gO
ঘ gh	ঘ gh।	ঘ gh	ঘা gha	ঘি ghi	ঘী ghii	ঘু ghu	ঘু ghuu	ঘ gh	ঘে ghe	ঘে gHE	ঘো gho	ঘৌ ghO
ঙ !	ঙ !।	ঙ !	ঙা !	ঙি !	ঙী !	ঙু !	ঙু !	ঙ !	ঙে !	ঙে !	ঙো !	ঙৌ !
চ c	চ c।	চ c	চা ca	চি ci	চী cii	চু cu	চু cuu	চ c	চে ce	চে cE	চো co	চৌ cO
ছ ch	ছ ch।	ছ ch	ছা cha	ছি chi	ছী chii	ছু chu	ছু chuu	ছ ch	ছে che	ছে cHE	ছো cho	ছৌ chO
জ j	জ j।	জ j	জা ja	জি ji	জী jii	জু ju	জু juu	জ j	জে je	জে jE	জো jo	জৌ jO
ঝ jh	ঝ jh।	ঝ jh	ঝা jha	ঝি jhi	ঝী jhii	ঝু jhu	ঝু jhuu	ঝ jh	ঝে jhe	ঝে jHE	ঝো jho	ঝৌ jhO
ঞ !	ঞ !।	ঞ !	ঞা !	ঞি !	ঞী !	ঞু !	ঞু !	ঞ !	ঞে !	ঞে !	ঞো !	ঞৌ !
ট T	ট T।	ট T	টা Ta	টি Ti	টী Tii	টু Tu	টু Tuu	ট T	টে Te	টে TE	টো To	টৌ TO
ঠ Th	ঠ Th।	ঠ Th	ঠা Tha	ঠি Thi	ঠী Thii	ঠু Thu	ঠু Thuu	ঠ Th	ঠে The	ঠে THE	ঠো Tho	ঠৌ ThO
ড D	ড D।	ড D	ডা Da	ডি Di	ডী Dii	ডু Du	ডু Duu	ড D	ডে De	ডে DE	ডো Do	ডৌ DO
ঢ Dh	ঢ Dh।	ঢ Dh	ঢা Dha	ঢি Dhi	ঢী Dhii	ঢু Dhu	ঢু Dhuu	ঢ Dh	ঢে Dhe	ঢে DHE	ঢো Dho	ঢৌ DhO
ণ N	ণ N।	ণ N	ণা Na	ণি Ni	ণী Nii	ণু Nu	ণু Nuu	ণ N	ণে Ne	ণে NE	ণো No	ণৌ NO
ত t	ত t।	ত t	তা ta	তি ti	তী tii	তু tu	তু tuu	ত t	তে te	তে tE	তো to	তৌ tO
থ th	থ th।	থ th	থা tha	থি thi	থী thii	থু thu	থু thuu	থ th	থে the	থে tHE	থো tho	থৌ thO
দ d	দ d।	দ d	দা da	দি di	দী dii	দু du	দু duu	দ d	দে de	দে dE	দো do	দৌ dO
ধ dh	ধ dh।	ধ dh	ধা dha	ধি dhi	ধী dhii	ধু dhu	ধু dhuu	ধ dh	ধে dhe	ধে dHE	ধো dho	ধৌ dhO
ন n	ন n।	ন n	না na	নি ni	নী nii	নু nu	নু nuu	ন n	নে ne	নে nE	নো no	নৌ nO
প p	প p।	প p	পা pa	পি pi	পী pii	পু pu	পু puu	প p	পে pe	পে pE	পো po	পৌ pO
ফ ph	ফ ph।	ফ ph	ফা pha	ফি phi	ফী phii	ফু phu	ফু phuu	ফ ph	ফে phe	ফে pHE	ফো pho	ফৌ phO
ব b	ব b।	ব b	বা ba	বি bi	বী bii	বু bu	বু buu	ব b	বে be	বে bE	বো bo	বৌ bO
ভ bh	ভ bh।	ভ bh	ভা bha	ভি bhi	ভী bhii	ভু bhu	ভু bhuu	ভ bh	ভে bhe	ভে bHE	ভো bho	ভৌ bhO
ম m	ম m।	ম m	মা ma	মি mi	মী mii	মু mu	মু muu	ম m	মে me	মে mE	মো mo	মৌ mO
য y	য y।	য y	যা ya	যি yi	যী yii	যু yu	যু yuu	য y	যে ye	যে yE	যো yo	যৌ yO
র r	র r।	র r	রা ra	রি ri	রী rii	রু ru	রু ruu	র r	রে re	রে rE	রো ro	রৌ rO
ল l	ল l।	ল l	লা la	লি li	লী lii	লু lu	লু luu	ল l	লে le	লে lE	লো lo	লৌ lO
শ sh	শ sh।	শ sh	শা sha	শি shi	শী shii	শু shu	শু shuu	শ sh	শে she	শে sHE	শো sho	শৌ shO
ষ S	ষ S।	ষ S	ষা Sa	ষি Si	ষী Sii	ষু Su	ষু Suu	ষ S	ষে Se	ষে SE	ষো So	ষৌ SO
স s	স s।	স s	সা sa	সি si	সী sii	সু su	সু suu	স s	সে se	সে sE	সো so	সৌ sO
হ h	হ h।	হ h	হা ha	হি hi	হী hii	হু hu	হু huu	হ h	হে he	হে hE	হো ho	হৌ hO
য y Ctrl +	য y Ctrl +	য y Ctrl +	যা y Ctrl +	যি y Ctrl +	যী y Ctrl +	যু y Ctrl +	যু y Ctrl +	য y Ctrl +	যে y Ctrl +	যে y Ctrl +	যো y Ctrl +	যৌ y Ctrl +
ড় R	ড় R।	ড় R	ড়া Ra	ড়ি Ri	ড়ী Rii	ড়ু Ru	ড়ু Ru	ড় R	ড়ে Re	ড়ে RE	ড়ো Ro	ড়ৌ RO

<b>Numerals</b>													
<b>Others</b>													