

ATTENTION ALL INTERNATIONAL & LOCAL SOFTWARE DEVELOPER / Bangla Users Community

A. INTERNATIONAL & LOCAL SOFTWARE DEVELOPER

‘BDS 1834:2011 Specification for Mobile Phone Keypad’ & ‘BDS 1520:2011 Specification for Bangla Coded Character Set for Information Interchange’ has been adopted as national standard by Bangladesh Standards and Testing Institution. All international & local Software and Application Developer are requested to use the above standards in their applications and software for the territory of Bangladesh.

The details of the standards are available from the **Bangladesh Standards and Testing Institution, 116/A Tejgaon Industrial Area, Dhaka 1208.**

B. BANGLA USERS COMMUNITY

Bangla fonts based on **‘BDS 1520:2011 Specification for Bangla Coded Character Set for Information Interchange’** are available from different developers. The following are some of the fonts which end users may use for hassle free information exchange between users/computers.

Sl.#	Font	Developer
01	Nikosh	Bangladesh Election Commission
02	Solaimanlipi	Open Source
03	SuttonyOMJ	Ananda Computers
04	Virinda	Microsoft

6.4 Uniqueness of character Allocation- A character allocated to a position in Table 1. may not be placed elsewhere in the table. The graphic characters are specified in Table 2.

Table 1 : Basic Code Table

				Code position for Bangla Characters															
b8	b7	b6	b5	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
0	0	0	0	0	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1
0	0	1	1	0	0	1	1	0	0	1	1	0	0	1	1	0	0	1	1
0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15				
0	0	0	0	0	0									৐	৑	৒	৓	৔	৕
0	0	0	1	1	1									৖	ৗ	৘	৙	৚	৛
0	0	1	0	2	2									ড়	ঢ়	৞	য়	ৠ	ৡ
0	0	1	1	3	3									ৣ	৤	৥	০	০	ৠ
0	1	0	0	4	4									ৢ	ৣ	৤	৥	০	ৠ
0	1	0	1	5	5									১	ৡ	ৢ	ৣ	৤	৥
0	1	1	0	6	6									১	ৡ	ৢ	ৣ	৤	৥
0	1	1	1	7	7									১	ৡ	ৢ	ৣ	৤	৥
1	0	0	0	8	8									১	ৡ	ৢ	ৣ	৤	৥
1	0	0	1	9	9									১	ৡ	ৢ	ৣ	৤	৥
1	0	1	0	A	10									১	ৡ	ৢ	ৣ	৤	৥
1	0	1	1	B	11									১	ৡ	ৢ	ৣ	৤	৥
1	1	0	0	C	12									১	ৡ	ৢ	ৣ	৤	৥
1	1	0	1	D	13									১	ৡ	ৢ	ৣ	৤	৥
1	1	1	0	E	14									১	ৡ	ৢ	ৣ	৤	৥
1	1	1	1	F	15									১	ৡ	ৢ	ৣ	৤	৥

1. SCOPE

- 1.1 The standard defines layouts for input of Bangla characters, signs, symbols and currency marks using industry standard 3 X 4 Mobile Keypad.
- 1.2 This standard specifies Bangla Characters intended for the definition and implementation of standards for localization of ICT.

2. NUMBER OF KEYS

This standard defines a layout with 12 keys (3 X 4 Keypad).

3. LAYOUTS

The layout for Bangla keypad is illustrated below:

1 ং া া া	2 া া া া	3 ে ে ে ে
4 ক খ গ গ	5 চ ছ জ জ ে	6 ট ঠ ড ড
7 ত থ দ দ ম	8 প ফ ব ব ত ম চ	9 য র ল স শ ষ স
* *	0 [space] ং ং ং	# ! . @ ? ←