

Bluetooth Keyboard



BLK-2000 User Manual For Symbian Series 60 Mobile Devices

V1.0.0-0601

Support:

Symbian Series 60 Smartphone	
Nokia	3650
	3660
	6260
	6600
	6670
	6680
	7610
	7650
	N-Gage
	N-GageQD
	6630
Sendo	X
Siemens	SX1

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Table of Contents

◆	Introduction of Bluetooth Keyboard	6
➤	Keyboard Features	6
➤	Keyboard Setting Up	7
◆	Driver Installation / Upgrading / Removing	8
➤	System requirements	8
➤	Before to use	8
➤	How to Install / Upgrade/ Remove the Bluetooth keyboard Driver	8
◆	Configuring Bluetooth Keyboard	11
◆	The Illustration of “ Config ” Page	13
➤	Active BTKeybd	13
➤	Reconnection	14
➤	Typing Repeat Rate	14
➤	Typing Repeat Delay	15
➤	Power Saving Mode	15
➤	BTKeybd Test	15
◆	The Illustration of “ Function ” Page	16
◆	The Illustration of “ About ” Page	16
◆	Function key and the Combination keys	17
➤	Launching Applications	17
➤	Function Key	17
➤	Editing Text Command	18

➤	Symbol Characters	19
➤	Latin Characters	20
➤	Calculator Functions	21
◆	Bluetooth Keyboard Status LED	22
◆	Product Specifications	23
◆	Appendix A : Troubleshooting	23

Introduction of Bluetooth Keyboard

➤ Keyboard Features

Welcome use the

Bluetooth Keyboard

Cradle :

The SmartPhone & PDA
cradle of the keyboard

Battery Cover :

Allow to place
two AAA battery
in it.

Keyboard lock :

The lock is able to
fix the keyboard in
unfolding position.

Power & the LED signal :

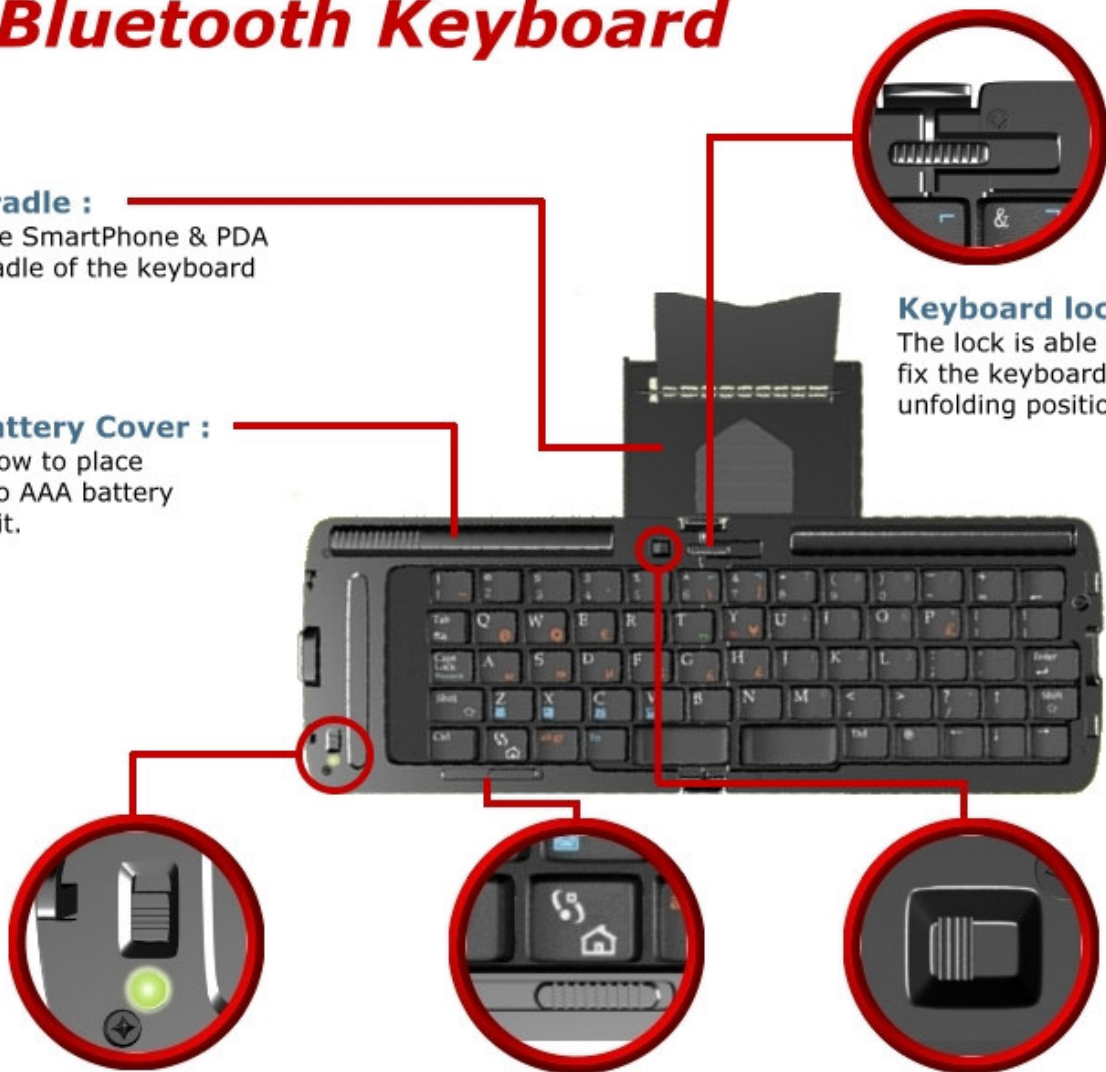
Power turn upward :
Power on
Power turn downward :
Power off

Slide shaft :

Pull in the right direction
to leave keypad no gap
for typing.

Cradle Lock :

Please unlock the lock
when you are folding
your cradle.

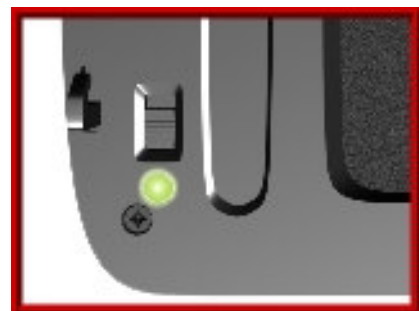


➤ Keyboard Setting Up



Notes :

- Please turn the keyboard on first.
- Once the LED flash orange light or no light, change the battery °



- * Before folding the keyboard, make sure the keyboard is unlock and the cradle is inserted back into the keyboard.

Driver Installation / Upgrading / Removing

➤ System requirements

- Symbian Series 60 Smartphone.
- At least 100 KB free memory on your Smartphone.
- A computer with the Microsoft Windows 2000/XP operating system.
- PC Suite (available on one of the CDs delivered with your phone).

➤ Before to use

- Check the batteries status of Bluetooth keyboard. (Open the switch to check the green light on the keyboard.)
- Disable other keyboard application to use Bluetooth.

➤ How to Install / Upgrade / Remove the

Bluetooth keyboard Driver?

■ Installation

For Symbian Series 60 OS, the Bluetooth keyboard driver can be installed by AutoRun CD-ROM, PC Suite, Cable or Wireless file transfer (Infrared or Bluetooth).

Please find the details as below information.

(When the Smartphone receive the file, it will show message with file "BTkeybd.sis", click " View". You will be warned that "Application is untrusted and may have problems. Install only if you trust provider." Click "Yes", then click "Install".)

* **Install the Application in Series60 OS Smartphone by AutoRun CD-ROM**

- 1 Establish the connection between your computer and your Smartphone.
- 2 Insert LevelOne BLK-2000 CD into computer's CD-Rom drive.
- 3 Follow the instruction on screen to complete the installation.
- 4 When the installation is finished, you can find this Bluetooth keyboard icon is showed on the Menu of the mobile device.

* **Install the Application in Series60 Smartphone by “Application installer” of PC Suite**

- 1 Tag the PC Suite on the screen of the laptop/desktop, then click “**Install applications**” icon. (Figure 1)



Figure 1

- 2 In the Application installer, from “My Computer” side, **Path:** CD-Rom driver » Files » Symbian » Series60 » Language. (Figure 2)

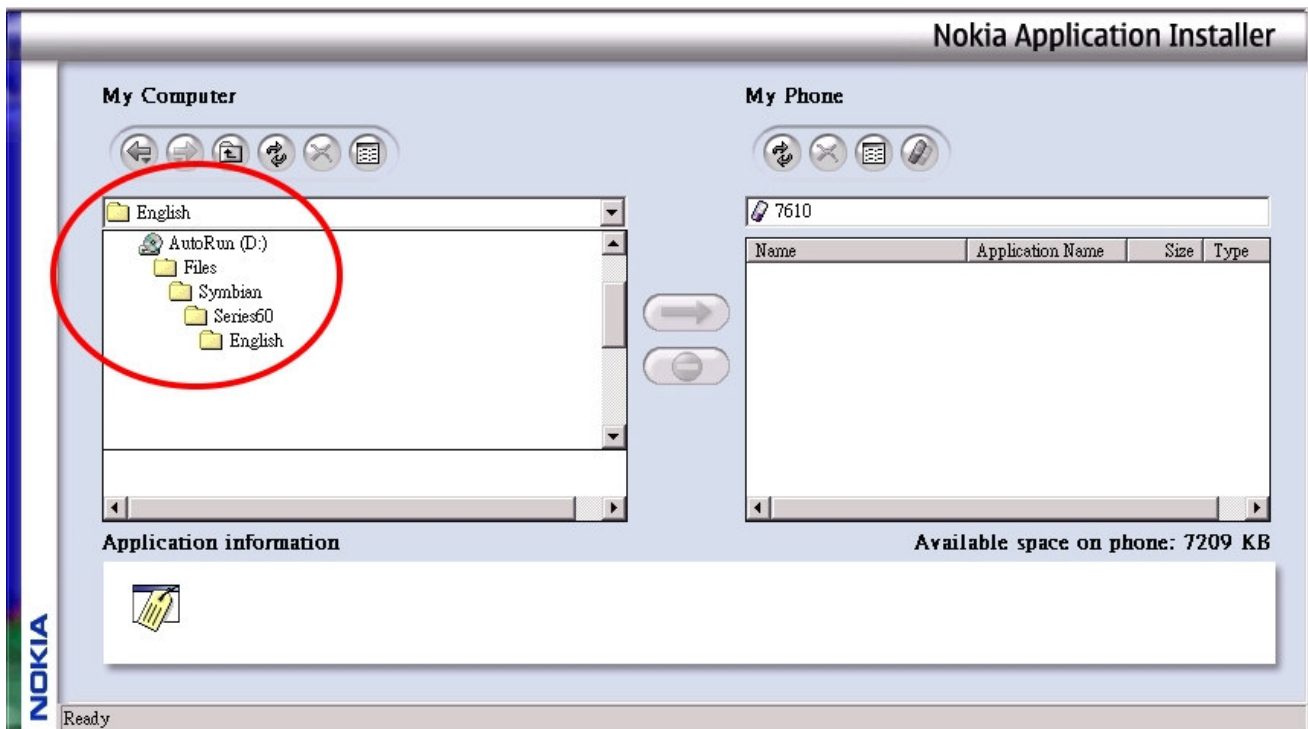


Figure 2

✱ **Install the Application in Symbian Series 60 Smartphone by Infrared or Bluetooth file Transfer**

- 1 Disable applications or drivers in the Smartphone, which may use Infrared or Bluetooth ports.
- 2 Path: CD-Rom driver » Files » Symbian » Series60 » Language. Tag the file "BTkeybd.sis" on your computer or CD-ROM.
- 3 Follow the instructions for the Infrared or Bluetooth software on your computer to located the Series60 OS Smartphone and transfer the file to it.

✱ After the driver is installed successfully ,
the keyboard driver icon will show up in
the main menu. (Figure 3)



Figure 3

■ Upgrading

Please check the Agent's website from time to time to check if any new driver is released.

(If you want to install the latest driver, please uninstall the previous driver first.)

■ Removing

Step 1: Turn the driver off.

Step 2: Select Tools -> Manager -> BTKeybd -> Remove. (Figure 4)



Figure 4

Configuring Bluetooth Keyboard

- When you click the “BTkeybd” icon, you will see three pages “ Config ” , “ Function ” , “ About ”. (Figure 5)



Figure 5

➤ **How to switch the page of driver interface?**

Method 1:

Please use the left direction or the right direction buttons of your Smartphone to switch the page.

Method 2:

Please use the left function key of your Smartphone to select the " Options " on your Smartphone, and then switch the page by clicking the contents of your " Options ". (Figure 6)



Figure 6

➤ **“ Config ” page :**

There are including:

” **Active BTKeybd** ” , ” **Reconnection** ” , ” **Typing Repeat Rate** “ ,
” **Typing Repeat Delay** “ , ” **Power Saving Mode** “ , ” **Keyboard Test** “ .

➤ **“ Function ” page :**

This allows you to assign application or file to open as “Hot Keys”.

➤ **“ About ” page :**

Provides the version of the driver installed in your Smartphone.

The Illustration of “ Config ” Page

➤ Active BTKeybd

■ How to connect the Bluetooth

keyboard with your device??

Step 1:

Turn the Bluetooth keyboard on,
the LED will flash orange for 1 second,
then turn to flash green once every other
second, the Bluetooth keyboard is in
discovery mode.

Step 2:

Tap “**BTkeybd**” icon in application list
of the Symbian Smartphone. (Figure 7)



Figure 7



Figure 8

Step 3:

Turn “**Active BTKeybd**” option to “**On**” to scan
the Bluetooth keyboard and the link will be
established automatically. (Figure 8)

Step 4:

When the connection establish successfully, you will see the Bluetooth icon of your Smartphone (Figure 9), and the LED of the Bluetooth keyboard will flash green **twice** every other second.



Figure 9

➤ Reconnection

After the connection established successfully, then you can turn “**Reconnection**” to “**On**”. This function allows the Bluetooth keyboard memorizes the last connected device, and they will pair automatically in next connection without further search.

Note: Please do not turn “ **Reconnection** ” on before the first connection established.

➤ Typing Repeat Rate

This option allows you to set the speed at which a letter, number or other character repeats when you press and hold a key. Use your stylus to drag the marker arrow toward Fast (to increase) or Slow (to decrease) the repeat rate. (Figure 10)

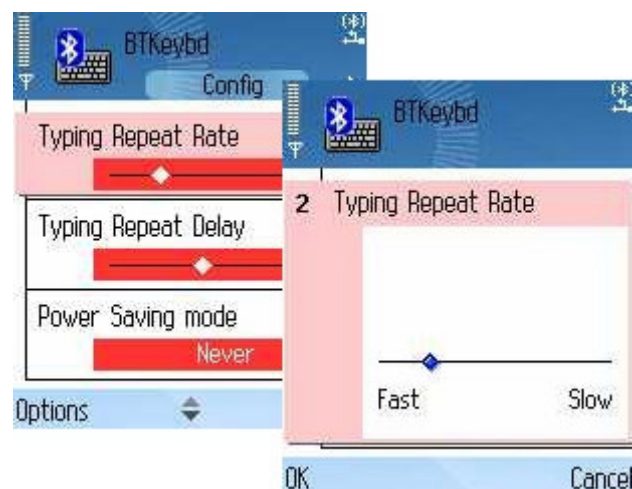


Figure 10

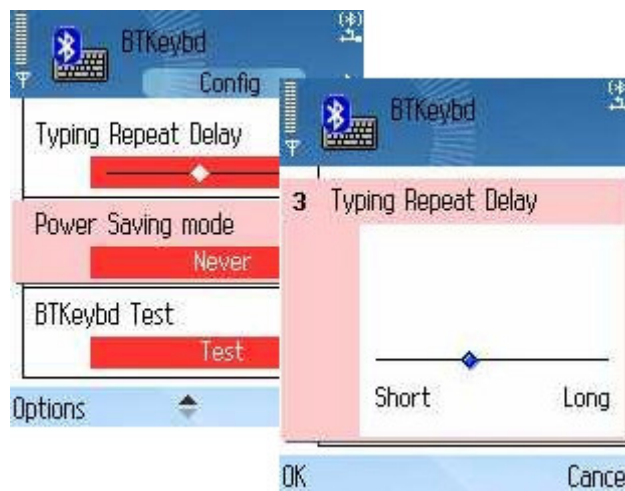


Figure 11

➤ Typing Delay Time

This option allows you to set the length of time before a letter, number or other character begins to repeat when you press and hold a key. Use your stylus to drag the marker arrow toward Long (to increase) or Short (to decrease) the length of the delay.

(Figure 11)

➤ Power Saving Mode

This option allows you decide after an Idle Period, the connection will be off automatically for power saving.

(Figure 12)

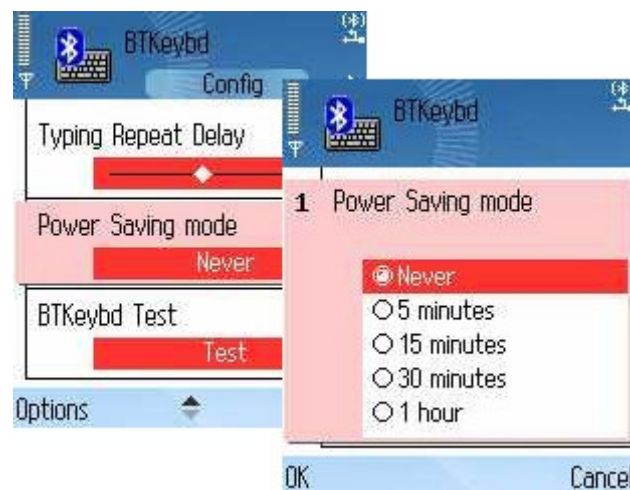


Figure 12

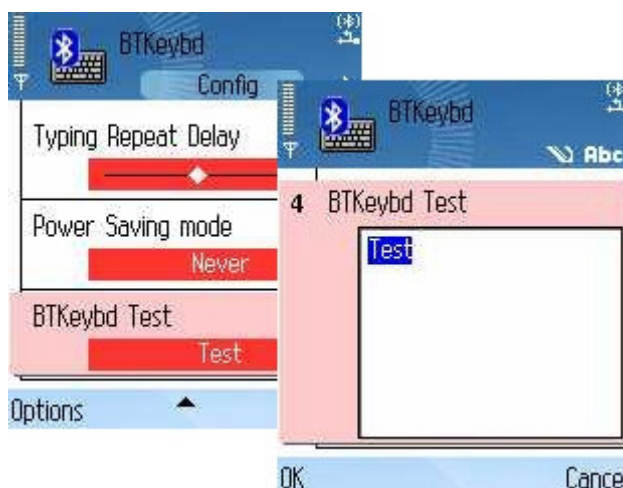


Figure 13

➤ BTKeybd Test

Test the repeat rate and delay by holding down a letter or number key on the keyboard.

The character appears according to the setting you have chosen. Change and test these settings until you achieve the desired outcome. (Figure 13)

The Illustration of “ Function ” Page

➤ How to set function keys for your Bluetooth keyboard?

You should be able to setup 10 different sets of function key (Fn -1 、 Fn -2 ~ Fn -0) (Figure 14).

Please use the [Fn] key to combine with the number [0] ~ [9] to activate the function key.

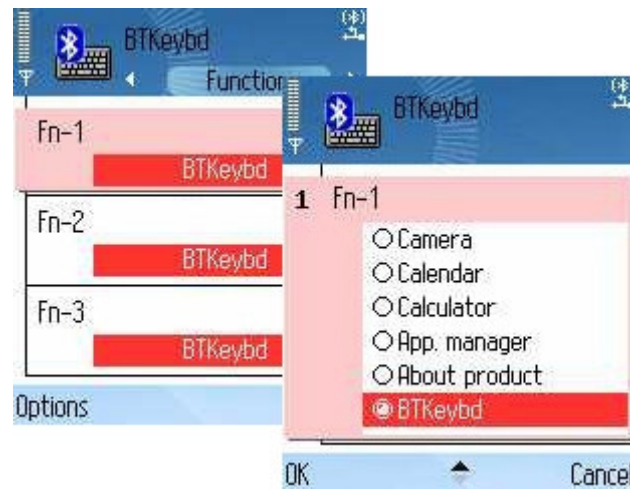


Figure 14

The Illustration of “ About ” Page

➤ How to check the version of driver?

Please click “ About ” page. (Figure 13)

Driver version: V1.30

English Version : EN

German Version : DE

French Version : FR



Figure 15



Function key and the Combination keys

➤ Launching Applications :

Launch the application by shortcut.

Function	Keystroke
Launches a specific user-defined application.	[Fn] + [0]~[9]
Launches “ Messaging ” application	[Fn] + [Z]
Launches “ Contacts ” application	[Fn] + [X]
Launches “ To-do ” application	[Fn] + [C]
Launches “ Calendar ” application	[Fn] + [V]

➤ Function Key

Function	Keystroke
Left menu key	[Ctrl] + [6]
Right menu key	[Ctrl] + [7]
To dial	[Ctrl] + [T]
Break	[Ctrl] + [Y]
Launches “ Recoder ” application	[Ctrl] + [G]
Main menu	
Select key	
All keys embedded with gray characters are accessible by enabling the Num Lock setting. Enabling Num Lock emulates a 10-key keypad interface found on most standard keyboards.	[Fn] + [Caps Lock]
Insert a tab	[Tab]

➤ **Editing Text Command :**

This table lists the key combinations to activate various commands.

Function	Keystroke
Selects the previous character	[Shift] + [⬅]
Selects the next character	[Shift] + [➡]
Selects pervious line	[Shift] + [⬆]
Selects next line	[Shift] + [⬇]
Cuts selected text	[Ctrl] + [X]
Copies selected text	[Ctrl] + [C]
Pastes cut or copied text	[Ctrl] + [V]

➤ **Symbol Characters :**

International Character Key

Keystroke	Character
[Alt gr] + [1]	~
[Alt gr] + [4]	`
[Alt gr] + [6]	\
[Alt gr] + [7]	
[Alt gr] + [Q]	®
[Alt gr] + [W]	©
[Alt gr] + [E]	€
[Alt gr] + [Y]	¥
[Alt gr] + [P]	£
[Alt gr] + [A]	«
[Alt gr] + [S]	»
[Alt gr] + [D]	μ
[Alt gr] + [F]	Ç
[Alt gr] + [G]	ñ
[Alt gr] + [H]	¿

➤ Latin Characters

How to input Latin Character?

Press [**Fn**] + [**Ctrl**] at same time, the Bluetooth keyboard is in Latin mode. This table lists keystrokes to activate Latin functions.

Keystroke	Character
Q	á
W	à
E	ä
R	â
T	å
Y	ã
Y	æ
I	ç
O	ñ
P	ø
A	é
S	è
D	ë
F	ê
G	í
H	ì
J	ï
K	î
L	ß
;	ý

‘	ÿ
Z	ó
X	ò
C	ö
V	ô
B	õ
N	ú
M	ù
,	ü
.	û
/	ı

➤ **Calculator Functions:**

Press [**Fn**] + [**Caps Lock**] at same time, the Bluetooth keyboard is in NumLock mode.

This table lists keystrokes to activate calculator functions.

keystroke	Action
/	(+) Add
;	(-) Subtract
P	(*) Multiply
-	(/) Divide
=	(=) Equals
J	(1) One
K	(2) Two
L	(3) Three
U	(4) Four

I	(5) Five
O	(6) Six
8	(7) Seven
9	(8) Eight
0	(9) Nine
M	(0) Zero

Bluetooth Keyboard Status LED

When the Bluetooth keyboard is open, you can find a LED on your left side keyboard. This LED can indicate the status of the keyboard and battery

- ★ When the LED flashes **green** light once every other second, this is the state that the Bluetooth keyboard can be detected by handheld device.

- ★ When the LED flashes **green** light twice every other second, this is the status that the Bluetooth keyboard is connected by handheld device.

- ★ When the LED flashes **orange** light once or twice every other second, this is the batteries are in low level. You should change the batteries immediately.

Product Specifications

Item		Typ.	Unit
Module Size (Close)	Horizontal (H)	143	mm
	Vertical (V)	95	mm
	Depth (D)	19	mm
Module Size (Open)	Horizontal (H)	279	mm
	Vertical (V)	95	mm
	Depth (D)	13	mm
Weight	Net	200	g

Absolute Maximum Rating

Item	Min	Max	Unit	Note
Operation Temperature	-10	50	°C	Humidity Condition = 5 ~ 90%RH
Storage Environmental	-30	70	°C	Humidity Condition = 5 ~ 90%RH

Appendix A : Troubleshooting

1. Why Smartphone has no response when I type on Bluetooth keyboard?

- Make sure the keyboard is in the connected status by LED flash time.
- Check the battery of mobile device is charged.
- Check the batteries of Bluetooth keyboard have enough power by LED color.

2. May I store the Bluetooth keyboard driver into my storage card?

- Yes.

3. Why couldn't I remove the Bluetooth keyboard driver from my device?

- Please check if the Bluetooth keyboard still in the link mode or not. If the keyboard still connected with your device, please close the application from your device and try again.

4. What if my Smartphone is not link with the Bluetooth keyboard but the signal of the keyboard display with the link mode?

- The Bluetooth keyboard might connect with other device; if you could switch off the power of the keyboard, the keyboard should remain in search mode. We also suggest you to switch off the power of keyboard if you are not going to use it.

