

Universal BLUETOOTH Wireless Keyboard
User Manual

Supported Devices

Symbian Smart Phone		
Brand	Model	Interface
Nokia	6600	Series 60
	7610	Series 60
	3650	Series 60
	7650	Series 60
	6260	Series 60
	3600	Series 60
	3620	Series 60
	3660	Series 60
	N-Gage	Series 60
	N-GageQD	Series 60
Panasonic	X700	Series 60
Sendo	X	Series 60
Siemens	SX1	Series 60
SonyEricsson	P800	UIQ 2.X
	P900	UIQ 2.X

PRODUCT SPECIFICATIONS

Item		Typ.	Unit
Module Size (Close)	Horizontal (H)	142	mm
	Vertical (V)	96	mm
	Depth (D)	18.4	mm
Module Size (Open)	Horizontal (H)	278.1	mm
	Vertical (V)	96	mm
	Depth (D)	10.4	mm
Weight	Net	188	g

Absolute Maximum Rating

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

SYMBIAN OS SMART PHONE INSTALLATION

For Symbian OS Smart phone, Series 60 OS and UIQ2.0 OS, the Bluetooth keyboard driver can be installed by either Phone Connection Cable or Wireless file transfer(Infrared or Bluetooth). Please find the details as below information.

Symbian Series 60 OS Smartphone

Step 1-1: Install the Application in Series 60 OS Smartphone by Phone Connection Link.

1. Connect your Symbian Series 60 Smartphone through its sync. cable for ActiceSync with the computer.
2. Run HotSync program then back up the data stored in your Symbian Series 60 Smartphone before this application installation.
3. Insert Bluetooth Universal Keyboard CD into computer's CD-Rom drive.
4. Follow the instruction on screen to complete the installation
5. When the installation completed, reset your smartphone once prompted.
6. After the driver is installed successfully and the smartphone is reset, the keyboard driver icon will show up in the main menu.



Step 1-2: Install the Application in 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. Find the file "BTkeybd.sis" on your computer or CD-ROM.
3. Follow the instructions for the Infrared or Bluetooth software on your computer to locate the Series 60 OS smartphone and transfer the file to it.
4. When the smartphone receives the file, it will show a message with file "BTkeybd.sis", click " View". You will be warned that "Identity of supplier cannot be guaranteed. Do you want to proceed?" Click "Yes", then click "Install"
5. When the installation completed, reset your smartphone once prompted.
6. After the driver is installed successfully and the smartphone is reset, the keyboard driver icon will show up in the main menu.



Step 2: Bluetooth keyboard configuration

1. Turn the Bluetooth keyboard on, the LED will flash orange for 1 second, then turn to flash green once every other second, the BT keyboard is in Discovery mode.
2. Tap "**BTkeybd**" icon in main menu of the Symbian Smartphone



3. Turn "**Active Keyboard**" option to "**On**" to scan the BT keyboard



4. Click "**keyboard**" from the discovering list on the screen for connection.



5. When the connection establish successfully, the LED will flash green twice every other second.

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.

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.

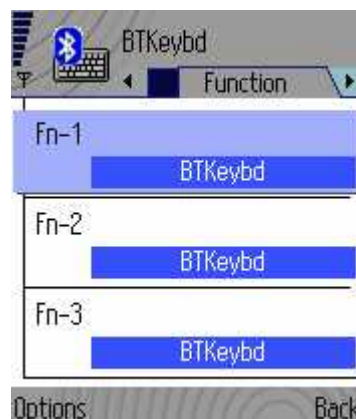
Keyboard Test

Test the repeat rate and delay by holding down a letter or number key on the Chainpus keyboard. The character appears according to the setting you have chosen. Change and test these settings until you achieve the desired outcome.

Note: Use "Keyboard Test" function to make sure keyboard working normally, after keyboard had active.

Step 3: Set function keys for your keyboard

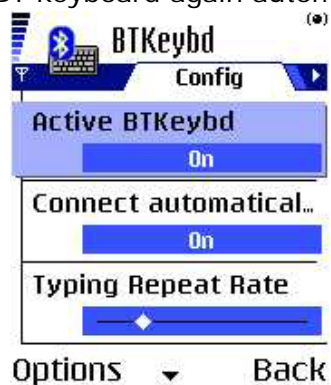
1. Select "Function"
2. Select Fn +1 ~ Fn +9 (Show as below Fig.). Select Function key each for user-define



Keyboard Application Shortcut Command Settings

Step 4: Reconnecting the BT keyboard without further search

Tap "Active Keyboard" and "Connect automatically". This allows your handheld device reconnects the BT keyboard again automatically.



Symbian UIQ 2.0 Smartphone

Step 1-1: Install the Application in UIQ 2.0 OS Smartphone by Phone

Connection Link.

1. Connect your Symbian UIQ2.0 OS Smartphone through its sync. cable for ActiceSync with the computer.
2. Run HotSync program then back up the data stored in your Symbian UIQ2.0 OS Smartphone before this application installation.
3. Insert Bluetooth Universal Keyboard CD into computer's CD-Rom drive.
4. Follow the instruction on screen to complete the installation
5. When the installation completed, reset your Symbian UIQ2.0 OS Smartphone once prompted.
6. After the driver is installed successfully and the smartphone is reset, the keyboard driver icon will show up in the application list



Step 1-2: Install the Application in UIQ2.0 Smartphone by Infrared or Bluetooth file Transfer

1. Disable applications or drivers in the Smartphone, which may use Infrared or Bluetooth ports
2. Find the file "BTkeybd.sis" on your computer or CD-ROM.
3. Follow the instructions for the Infrared or Bluetooth software on your computer to locate the UIQ2.0 OS smartphone and transfer the file to it
4. When the smartphone receives the file, it will show "Beam Received" message with file "BTkeybd.sis", click "Done".
5. When the installation completed, reset smartphone once prompted.
6. After the driver is installed successfully and the smartphone is reset, the keyboard driver icon will show up in the application list.



Step 2: Bluetooth keyboard configuration

1. Turn the Bluetooth keyboard on, the LED will flash orange for 1 second, then turn to flash green once every other second, the BT keyboard is in Discovery mode.
2. Tap "**BTkeybd**" icon in application list of the Symbian Smartphone



3. Turn "**Active Keyboard**" option to "**On**" to scan the BT keyboard



4. Click "**keyboard**" from the discovering list on the screen for connection.



5. When the connection establish successfully, the LED will flash green twice every other second.

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.

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.

Keyboard Test

Test the repeat rate and delay by holding down a letter or number key on the Chainpus keyboard. The character appears according to the setting you have chosen. Change and test these settings until you achieve the desired outcome.

Note: Use "Keyboard Test" function to make sure keyboard working normally, after keyboard had active.

Step 3: Set function keys for your keyboard

1. Select "Function"
2. Select Fn +1 ~ Fn +9 (Show as below Fig.). Select Function key each for user-define



Keyboard Application Shortcut Command Settings

Step 4: Reconnecting the BT keyboard without further search

Tap "Active Keyboard" and "Connect automatically". This allows your handheld device reconnects the BT keyboard again automatically.



BT Keyboard Status LED

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

KEYBOARD DEFINITION

KEY COLOR DEFINITION

White: General keys

Blue: Software Application

Gray: Number Lock set

Orange: Symbol set

FUNCTION KEYS FOR SYMBINA SMART PHONE

Function Key:

Result	Emulates	Keystroke
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.	Num Lock key	Fn + Caps Lock
Turns off your device. To turn it back on, press the Power button on your handheld.	Off key	Fn + Backspace
Launches a specific user-defined application.		Fn + Number

Note: Some key functions depend on PDA or Smart Phone application.

Dedicated Keys:

There are several keys on the BT keyboard that are dedicated to specific functions:

Function	Keystroke
Main menu	Home
Launches the "Inbox" application	Fn+z
Launches the "Contacts" application	Fn+x
Launches the "Calendar" application	Fn+v
Launches the "Time" function	Fn+c

Navigation Keys:

Navigation Key Combinations for JogDial

Result	Keystroke
Emulates the Page Up key	Fn + ↑
Emulates the Page Down key	Fn + ↓
Emulates the Back	Fn + ←
Emulates the Forth	Fn + →

Symbian SmartPhone special function key:

Function	Keystroke
Left menu key	Ctrl + 6
Right menu key	Ctrl + 7
To Dial	Ctrl + T
Break	Ctrl + Y
Record	Ctrl + H
Insert a tab	Tab

Note: function keys depend on Smart Phone; it may not show on some model.

International Character Key

Keystroke	Character
Alt gr + a	«

Alt gr + s	«
Alt gr + f	Ç
Alt gr + g	ñ
Alt gr + h	ı
Alt gr + y	¥
Alt gr + p	£
Alt gr + e	€
Alt gr + w	©
Alt gr + q	®
Alt gr + 1	~
Alt gr + 4	`
Alt gr + 6	\
Alt gr + 7	
Alt gr + d	μ

LATIN CHARACTER SET EXTENSION

Keystroke	Character
Fn + Ctrl + Q	á
Fn + Ctrl + W	à
Fn + Ctrl + E	ä
Fn + Ctrl + R	â
Fn + Ctrl + T	å
Fn + Ctrl + Y	ã
Fn + Ctrl + U	æ
Fn + Ctrl + I	ç
Fn + Ctrl + O	ñ
Fn + Ctrl + P	ø
Fn + Ctrl + A	é
Fn + Ctrl + S	è
Fn + Ctrl + D	ë
Fn + Ctrl + F	ê
Fn + Ctrl + G	í
Fn + Ctrl + H	ì
Fn + Ctrl + J	ï
Fn + Ctrl + K	î
Fn + Ctrl + L	ß
Fn + Ctrl + ;	ý
Fn + Ctrl + '	ÿ
Fn + Ctrl + Z	ó
Fn + Ctrl + X	ò
Fn + Ctrl + C	ö
Fn + Ctrl + V	ô
Fn + Ctrl + B	õ
Fn + Ctrl + N	ú
Fn + Ctrl + M	ù
Fn + Ctrl + ,	ü
Fn + Ctrl + .	û
Fn + Ctrl + /	¿

CALCULATOR FUNCTIONS

This table lists keystrokes to activate calculator functions. (Fn-Caps Lock)

keystroke	PDA Palm OS	PDA Win CE	Microsoft Smartphone
/	(+) 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		
C	Clear all		*
E	Clear last entry		*
N	Clear memory		*
Y	Set current number on display in memory		*
R	Recall value in memory		*
,	comma		*
.	decimal point		*

APPENDIX A: TROUBLESHOOTIN

1. Why PDA/Smart Phone has no response when I type on BT 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 BT keyboard have enough power by LED color.

1. FCC REGULATORY REQUIREMENT

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

This device may not cause harmful interference.

This device must accept any interference received, including interference that may cause undesired operation.

Installation and use of this **Bluetooth Keyboard** must be in strict accordance with the instructions included in the user documentation provided with the product. Any changes or modifications (including the antennas) made to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment. The manufacturer is not responsible for any radio or television interference caused by unauthorized modification of this device, or the substitution of the connecting cables and equipment other than manufacturer specified. It is the responsibility of the user to correct any interference caused by such unauthorized modification, substitution or attachment. Manufacturer and its authorized resellers or distributors will assume no liability for any damage or violation of government regulations arising from failing to comply with these guidelines.

FCC RF Radiation Exposure Statement: This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

2. R&TTE (CE) MANUAL REGULATORY REQUIREMENT

CE Declaration of Conformity

For the following equipment: Bluetooth Keyboard



Is herewith confirmed to comply with the requirements set out in the Council Directive on the Approximation of the Laws of the Member States relating to Electromagnetic Compatibility (89/336/EEC), Low-voltage Directive (73/23/EEC) and the Amendment Directive (93/68/EEC), the procedures given in European Council Directive 99/5/EC and 89/336/EEC.

The equipment was passed. The test was performed according to the following European standards:

EN 300 328 V.1.4.1 (2003-04)

EN 301 489-1 V.1.4.1 (2002) / EN 301 489-17 V.1.2.1 (2002)

EN 60950: 2000

3. IC Statement

This Class B digital apparatus complies with Canada RSS-210.

Cet appareil numérique de la classe B est conforme à la norme CNR-210 du Canada

The abbreviation, IC, before the registration number signifies that registration was performed based on a Declaration of Conformity indicating that Industry Canada technical specifications were met. It does not imply that Industry Canada approved the

equipment. (DoC)

The term “IC:” before the certification/registration number only signifies that the Industry Canada technical specifications were met.

4. DGT Statement

根據交通部低功率管理辦法規定：

第十二條

經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條

低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。

前項合法通信，指依電信規定作業之無線電信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。