

**ElekTex  
Wireless  
Fabric  
Keyboard**

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**User Guide**



# ElekTex® Wireless Fabric Keyboard | User Guide








## Introduction

The ElekTex® Bluetooth Fabric Keyboard for Smartphones and Handheld Computers redefines mobile working.

This User Guide will show you how to get the most from your Fabric Keyboard.



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## Getting to know your Keyboard



1. ON/OFF button
2. Green LED indicator
3. Slide on battery cover
4. Fabric keyboard

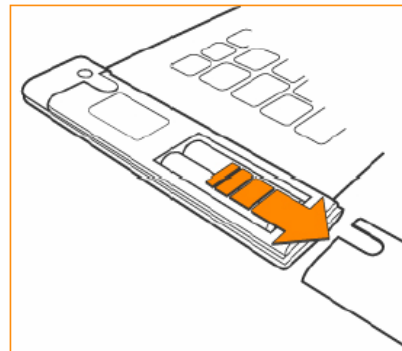
## Insert the batteries

Your keyboard requires 2 x AAA batteries.

It will operate using both rechargeable and non-rechargeable batteries.

To insert or replace batteries:

1. Remove slide-on battery cover
2. Insert 2 x AAA batteries into the battery compartment (in correct orientation)
3. Replace slide-on battery cover



## Battery status

The battery status for the Fabric Keyboard can be viewed within the **'Fabric Keyboard'** application, under the **'Options'** menu.

**Note:** the battery level displayed indicates the status for non-rechargeable batteries only.

## Calibration

This feature optimises typing performance by aligning the key positions on the keyboard. It is highly recommended that Calibration be carried out when the Fabric Keyboard is connected for the first time.

To calibrate your keyboard:

1. Connect the keyboard to your device
2. Select **'Options'** > **'Calibration'** from the opening screen of the **'Fabric Keyboard'** application
3. Follow the onscreen instructions



Follow the calibration sequence, pressing the keys centrally and in order as prompted

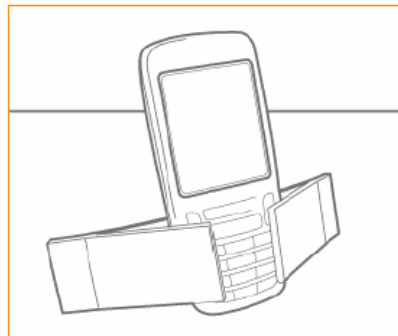
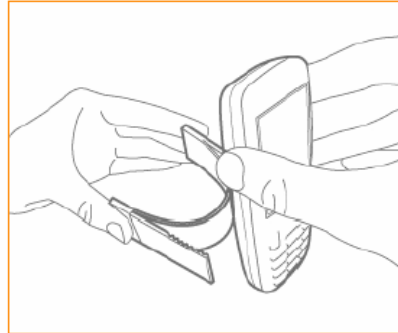
To abort Calibration select **'Cancel'**  
To use the Default Calibration settings select **'Default'**

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### Device stand

A universal device stand is supplied with your Fabric Keyboard to hold your Smartphone or PDA at your preferred angle for typing.

1. Flex the stand until the arms stick out
2. Insert your Smartphone or PDA
3. Ensure the device lies flat against the back of the stand
4. You can adjust the angle of the device by sliding the arms of the stand up/down the device until you achieve your preferred viewing angle

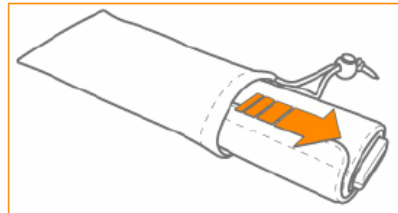


### Stuff sack

A fabric stuff sack is provided for stowing your Fabric Keyboard away when it is not in use.

The stuff sack offers a handy way to carry your keyboard.

It will also carry the supplied device stand.



## Using your Keyboard

### Typing on the keyboard

- ☞ The keys on your keyboard are pressure sensitive. This means that although you may not need to press hard on each key you will need to apply some pressure in order to generate a character.
- ☞ Instead of pressing two keys at once (as on a desktop keyboard), you should press the keys **sequentially**. For example, instead of pressing and holding **'shift'** and **'7'** to get **'&'** you would press **'shift'** then **'7'** to get **'&'**.
- ☞ Most keys contain a number of useful characters or symbols that become active by using the **'altgr'** key.
- ☞ Once you have pressed **'altgr'**, press the character key repeatedly to browse through the available characters for that key (a list of special characters is provided in the following section).
- ☞ After pressing **'altgr'**, it remains active until you either press it again or press a different character key.
- ☞ Press **'caps'** to switch to upper case. Press **'caps'** again to return to lower case typing.
- ☞ Press **'shift'** followed by a letter if you want only that letter in upper case. Press **'shift'** followed by a number or punctuation mark if you want the second character on the key.

**Disclaimer:** extended periods of typing can cause stress and should be avoided. Take a break periodically.

### Alphabet and number keys

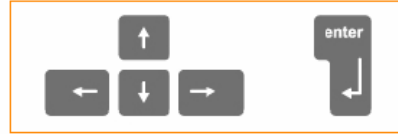
When using a key such as **'shift'**, **'ctrl'**, **'alt'** or **'altgr'** you should always press it first, *then* the letter key. You cannot press two keys at the same time.



## ElekTex® Wireless Fabric Keyboard | User Guide

### Navigation keys

These keys can be used to navigate through the menus on your portable device.



### Special characters

A range of special characters are available for use in typing by using the **'altgr'** key followed by a designated key. A table of these keys for the International English keyboard is shown below:

key	'altgr'	'altgr' and 'shift'
1	¡	¡
4	€	€
6	¼	¼
7	½	½
8	¾	¾
-	¥	¥
=	÷	÷
a	à á â ã ä å æ	À Á Â Ã Ä Å Æ
b	ß	ß
c	ç © ¢	Ç © ¢
d	ð ÷ ·	Ð ÷ ·
e	é ê ë ê €	É Ê Ë Ì
h	½	½
l	ì í î ï ð	Ì Í Î Ï
l	ø	Ø
m	µ	µ
n	ñ	Ñ
o	ó ô õ ö ø	Ó Ô Õ Ö Ø
p	£ ¶ ±	£ ¶ ±
q	¼	¼
r	®	®
s	ß §	ß §
t	ð ¾	Ð ¾
u	ù ú û	Ú Û Ü
y	ý ¥	Ý ¥
z	æ	Æ
\		
/	¿	¿
[	«	«
]	»	»
#	¬	¬

## 'Hot Tips'

Hot Tips are useful shortcuts. They vary depending upon your device, please see the table below for your specific device platform:

Symbian UIQ Hot Tip shortcuts	
'alt' and 'M'	Menu
'alt' and UP arrow	Menu
'alt' and 'K'	Fabric Keyboard application main page
'shift' and arrows	Select text
'ctrl' and 'C'	Copy selected text
'ctrl' and 'V'	Paste selected text
'ctrl' and 'X'	Cut selected text

Symbian Series60 Hot Tip shortcuts	
'alt' and 'M'	Menu
'alt' and UP arrow	Menu
'alt' and 'K'	Fabric Keyboard application main page
'alt' and LEFT arrow	Simulates LEFT soft key on phone
'alt' and RIGHT arrow	Simulates RIGHT soft key on phone
'alt' and 'O'	Options
'shift' and arrows	Select text
'ctrl' and 'C'	Copy selected text
'ctrl' and 'V'	Paste selected text
'ctrl' and 'X'	Cut selected text

Windows CE PDA Hot Tip shortcuts	
'alt' and 'esc'	Access 'Hot Tips' menu
'alt' and UP arrow	Start Menu
'alt' and 'H'	Help
'alt' and 'K'	Fabric Keyboard application main page
'shift' and arrows	Select text
'ctrl' and 'C'	Copy selected text
'ctrl' and 'V'	Paste selected text
'ctrl' and 'X'	Cut selected text

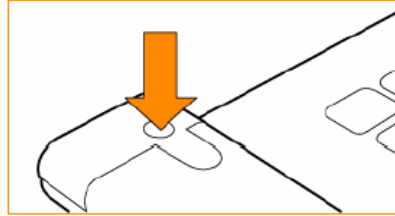
Windows Smartphone Hot Tip shortcuts	
'alt' and UP arrow	Start
'alt' and DOWN arrow	Back
'alt' and LEFT arrow	Simulates LEFT soft key on phone
'alt' and RIGHT arrow	Simulates RIGHT soft key on phone
'alt' and '+'	Volume UP
'alt' and '-'	Volume DOWN
'alt' and 'K'	Fabric Keyboard application main page
'shift' and arrows	Select text
'ctrl' and 'C'	Copy selected text
'ctrl' and 'V'	Paste selected text
'ctrl' and 'X'	Cut selected text

## ElekTex® Wireless Fabric Keyboard | User Guide

### Turning the keyboard ON/OFF

**To turn the keyboard ON:**  
Press and hold the ON/OFF button until the green LED comes ON

**To turn the keyboard OFF:**  
Press and hold the ON/OFF button until the green LED turns OFF **or** disconnect the keyboard using the Fabric Keyboard application.



### Loading the driver

In order to use your keyboard with a compatible device, you will need to load the correct driver (see the relevant Quick Start Guide).

### Connect/ disconnect

Once paired for the first time, the keyboard can be easily connected and disconnected from your device by selecting '**Connect**' or '**Disconnect**' from the '**Fabric Keyboard**' application.

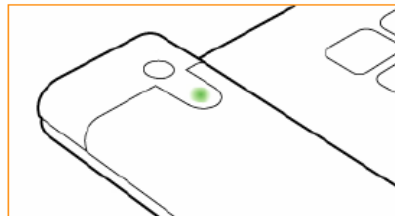
### Useful indicators

The green LED on the keyboard will indicate what mode the keyboard is in:

**Pairing mode:** Green LED on constantly.

**Typing mode:** Green LED flashing (approx. every 2 sec) or whenever the key is pressed.

**Battery Low, Auto Shutdown:** Green LED flashing rapidly then OFF.



### Settings and Preferences

The Fabric Keyboard can be configured to suit your own individual typing style and to optimise your typing performance.

### Languages

The language setting of the keyboard can be selected from the list of supported languages within the 'Fabric Keyboard' application (under the '**Options**' menu).



### Sensitivity

The sensitivity setting adjusts how hard you need to press the keys on the keyboard.

To adjust the **Sensitivity** of your keyboard:

1. Connect the keyboard to your device
2. Select '**Options**' > '**Settings**' or '**Preferences**' from the opening screen of the '**Fabric Keyboard**' application
3. Scroll left/right to the '**Sensitivity**' tab
4. Test different Sensitivity levels in the typing space provided
5. Select your preferred setting

Select '**Done**' or '**OK**' when you have finished.

Select '**Cancel**' to leave settings unchanged.

### Key repeat rate

The Key Repeat Rate setting adjusts how fast keys will repeat if a key on the keyboard is held down.

To adjust the key **Repeat Rate**:

1. Connect the keyboard to your device
2. Select '**Options**' > '**Settings**' or '**Preferences**' from the opening screen of the '**Fabric Keyboard**' application
3. Scroll to the '**Repeat Rate**' tab
4. Test different Repeat Rate levels in the typing space provided
5. Select your preferred setting

Select '**Done**' or '**OK**' when you have finished.

Select '**Cancel**' to leave settings unchanged.

### Key repeat delay

The Key Repeat Delay setting adjusts the length of time that a key needs to be held down before it repeats.

To adjust the key **Repeat Delay**:

1. Connect the keyboard to your device
2. Select '**Options**' > '**Settings**' or '**Preferences**' from the opening screen of the '**Fabric Keyboard**' application
3. Scroll to the '**Repeat Delay**' tab
4. Test different Repeat Delay levels in the typing space provided
5. Select your preferred setting

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Select **'Done'** or **'OK'** when you have finished.

Select **'Cancel'** to leave settings unchanged.

### Keyclicks

An audio feedback feature provides an audible 'click' when a key is pressed. This feature can be turned ON/OFF under **'Options'** or **'Settings'** within the **'Fabric Keyboard'** application.

### Timeout

The Timeout feature varies depending upon your device, please see the table below for your specific device platform:

#### Windows Smartphones and PDAs

**'Connection Timeout'** – adjusts the length of time for which the connection will be maintained after the last key has been pressed.

To adjust, select **'Options'** > **'Connection Timeout'**

#### Symbian Series60 and UIQ

**'Try to connect for'** – adjusts the period of time that your device will continue to look for a Bluetooth connection to the keyboard.

**'Disconnect after'** – adjusts the length of time for which the connection between the device and the keyboard will be maintained after the last key has been pressed. The keyboard will then turn itself OFF.

To adjust, select **'Options'** > **'Preferences'** or **'Settings'** and scroll to the **'Timeout'** tab

### Power Management

Your Fabric Keyboard has a number of power saving features to help conserve battery life.

#### Accidental power ON protection

A protective feature is incorporated in your keyboard to prevent it being turned on whilst it is stowed away or not in use. If the keyboard is rolled up or if a key is being pressed when the keyboard is turned ON, then the keyboard will not turn ON.

**Note:** make sure that nothing is pressing on the fabric of the keyboard when turning it ON.



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### Auto shutdown

There are certain situations when your keyboard will turn itself OFF to conserve battery life:

1. In Pairing mode, if Pairing is not completed within 2 minutes
2. If the battery level is low
3. If the keyboard has not been typed on for the period of time as set by the '**Connection Timeout**' setting

### Care Guide

Your Fabric Keyboard has a stain resistant finish. For heavy soiling, simply wipe the keyboard with a damp cloth.

- Don't use or place sharp objects on the fabric of the keyboard as this might damage it.
- Blot any spills immediately, do not use cleaning products as these may cause severe staining or damage.
- If the keyboard gets wet allow it to dry naturally, do not force it dry or place on or near radiators or other heat sources.

### About ElekTex®

ElekTex® is the revolutionary fabric technology that brings your Fabric Keyboard to life.

Durable, flexible and lightweight, ElekTex offers a new and exciting touch-responsive interface for portable devices.



Visit [www.elektex.comT](http://www.elektex.comT) for more information.

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**This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.**

**Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.**

## Quick Start Guide | Windows Powered Smartphones

### Before you Start

This Driver operates with the Windows Mobile 2003 Operating System for Smartphones.

Check that the Fabric Keyboard has power. The Fabric Keyboard requires 2 x AAA batteries (supplied):

1. Remove the slide-on cover on the Fabric Keyboard
2. Insert 2 x AAA batteries in the correct orientation into the battery compartment
3. Replace the slide-on cover

### Installing the Driver

Your Smartphone requires a Driver in order to connect to and operate with the Fabric Keyboard. There are two methods for installing the Driver:

*Installation via ActiveSync:*

1. Ensure ActiveSync is installed on your PC before starting
2. Insert the supplied Fabric Keyboard CD into your PC
3. Connect the PC to your Smartphone using ActiveSync
4. From the CD, run the application called '**FabricKeyboard\_Vxx.exe**'
5. Follow the on-screen prompts displayed on the PC and then on the Smartphone
6. You may be required to restart your Smartphone to complete the installation

*Installation via InfraRed or Bluetooth:*

1. Insert the supplied Fabric Keyboard CD into your PC
2. Transfer the file '**FabricKeyboard\_Vxx.cab**' from the CD to your Smartphone via a Bluetooth or InfraRed connection
3. Install the file on the Smartphone by running it from its location (the default location for transferred files is '**Storage\My Documents**')
4. Follow the on-screen prompts displayed on the PC and then on the Smartphone
5. You may be required to restart your Smartphone to complete the installation

Installation is now complete. Before running the '**Fabric Keyboard**' application a pairing must be established between the Fabric Keyboard and your Smartphone.

### Establishing a Bluetooth Pairing

This operation establishes a pairing between your Smartphone and the Fabric Keyboard. This is a once only operation and need only be carried out when the Fabric Keyboard is first used, or if an existing pairing is deleted.

1. Navigate to the 'BT SerialPortSetup' menu ('Start' > 'Configurations')
2. Deselect the 'Inbound COM port' and the 'Outbound COM port'
3. Press 'Done' to exit

**Note:** if a Fabric Keyboard has already been paired with your Smartphone, you will need to remove the existing pairing before establishing a new Fabric Keyboard pairing. To do this, remove the existing Fabric Keyboard pairing from the '**Bluetooth Devices**' menu ('Start' > 'Settings' > 'Bluetooth' > 'Bluetooth' > 'Menu').

4. Turn the Smartphone OFF and then back ON again
5. Navigate to the '**BT SerialPortSetup**' menu ('Start' > 'Configurations')



## Quick Start Guide | Windows Powered Smartphones

6. Select **'Outbound COM port'**
7. Press **'Done'** and follow the on-screen prompts to pair with a new Bluetooth device
8. Turn the Fabric Keyboard ON (by pressing the ON/OFF button for at least 2 seconds until the green light remains on constantly)
9. Establish a connection with the Fabric Keyboard

**Note:** a passcode is not normally required – you can either ignore this prompt and continue or enter **'0000'** as the four-digit passcode.

Pairing is now complete. The **'Fabric Keyboard'** application can now be launched and the Fabric Keyboard connected.

### Connecting to the Fabric Keyboard

To connect the Fabric Keyboard to your Smartphone:

1. Turn the Fabric Keyboard ON (press the ON/OFF button for at least 2 seconds until the green light is ON constantly)
2. Launch the **'Fabric Keyboard'** application (**'Start' > 'Fabric Keyboard'**)
3. From the opening screen, select **'Options'**
4. Select **'Connected?'**

**Note:** the lack of a tick on the left hand side shows that the Fabric Keyboard is not already connected

**Note:** the keyboard will be identified as **'Eleksen' / 'ElekTex Keyboard' / 'ElekTex' or 'keyboard'** on your device.

5. Wait for the connection to be made - when this is complete an audible chime will sound and the green light on the Fabric Keyboard will start flashing

The connection is now complete. Follow the onscreen prompts to perform a calibration (this is recommended, see User Guide for details).

### Troubleshooting

**Smartphone will not pair with the Fabric Keyboard?**

- Check that the Smartphone's Bluetooth is ON from the **'Bluetooth Manager'**
- Check that the Fabric Keyboard is ON and in pairing mode (the green light should be on constantly)
- Repeat the 'Establishing a Bluetooth Pairing' operation.

**The characters appearing on screen are not as typed?**

- Perform a calibration. From the Fabric Keyboard application select **'Options' > 'Calibration' > 'Start Calibration'** and follow the on-screen instructions

**Bluetooth will not turn ON within the Smartphone menu?**

- Power cycle the Smartphone (turn the device OFF and then back ON again) or perform a soft reset

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## Quick Start Guide | Windows Powered Smartphones

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## Quick Start Guide | Windows CE PDAs

### Before you Start

This Driver operates with the Windows Mobile 2003 Operating System for Pocket PC.

Check that the Fabric Keyboard has power. The Fabric Keyboard requires 2 x AAA batteries (supplied):

1. Remove the slide-on cover on the Fabric Keyboard
2. Insert 2 x AAA batteries in the correct orientation into the battery compartment
3. Replace the slide-on cover

### Installing the Driver

Your PDA requires a Driver in order to connect to and operate with the Fabric Keyboard. To install the Driver:

Installation via **ActiveSync**:

1. Ensure ActiveSync is installed on your PC before starting
2. Insert the supplied Fabric Keyboard CD into your PC
3. Connect the PC to your PDA using ActiveSync
4. From the CD, run the application called '**FabricKeyboard\_Vxx.exe**'
5. Follow the on-screen prompts displayed on the PC and then on the PDA
6. You may be required to restart your PDA to complete the installation

Installation via **InfraRed** or **Bluetooth**:

1. Insert the supplied Fabric Keyboard CD into your PC
2. Transfer the file '**FabricKeyboard\_Vxx.cab**' from the CD to your PDA via a Bluetooth or InfraRed connection
3. Install the file on the PDA by running it from its location (the default location for transferred files is '**My Documents**')
4. Follow the on-screen prompts displayed on the PC and then on the PDA
5. You may be required to restart your PDA to complete the installation

Installation is now complete. The '**Keyboard**' application will appear in the '**Programs**' section under '**Start Menu**'.

### Connecting to the Fabric Keyboard

To connect the Fabric Keyboard to your PDA:

1. Turn the Fabric Keyboard ON by pressing the ON/OFF button for at least 2 seconds until the green light is ON constantly
2. Establish a pairing with a new device, which is normally done using the Bluetooth Manager Connection Wizard ('**Start Menu**' > '**Settings**' > '**Bluetooth**' > '**Bluetooth Manager**' > '**New**' - see your PDA device instructions for further details). Once the '**Eleksen**'/'**ElekTex Keyboard**'/'**ElekTex**'/'**keyboard**' Bluetooth device is found select it, allow serial port services to be received following the prompts, and exit the Bluetooth Manager once complete.
3. Launch the '**Keyboard**' application ('**Start Menu**' > '**Programs**')
4. On the opening screen, select '**Tap Here to Connect**'
5. You will be directed to the '**Bluetooth Browser**' and after a period of searching the '**Eleksen**'/'**ElekTex Keyboard**'/'**ElekTex**' or '**keyboard**' keyboard device will be displayed

**Note:** if more than one '**Eleksen**'/'**ElekTex Keyboard**'/'**ElekTex**'/'**keyboard**' device appears or a connection problem arises, press '**Refresh**'



## Quick Start Guide | Windows CE PDAs

6. Select the '**Eleksen**'/'**ElekTex Keyboard**'/'**ElekTex**'/'**keyboard**' device – you will be returned to the Fabric Keyboard opening screen, an audible chime will sound and the green light on the Fabric Keyboard will start flashing

Connection is now complete. Follow the on-screen prompts to perform a calibration (this is recommended, see User Guide for details)

### Troubleshooting

#### ***PDA will not pair with the Fabric Keyboard?***

- Check that the PDA's Bluetooth is ON from the '**Bluetooth Manager**'
- Check that the Fabric Keyboard is ON and in pairing mode (the green light should be on constantly)
- From the Bluetooth console, where Bluetooth devices are displayed, perform a '**Refresh**' before selecting '**Eleksen**'/'**ElekTex Keyboard**'/'**ElekTex**'/'**keyboard**'

#### ***The characters appearing on screen are not as typed?***

- Perform a calibration. From the Fabric Keyboard application select '**Options**' > '**Calibration**' > '**Start Calibration**' and follow the on-screen instructions

#### ***Bluetooth will not turn ON within the PDA menu?***

- Power cycle the PDA (turn the device OFF and then back ON again) or perform a soft reset

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## **Federal Communications Commission (FCC) Statement**

15.21

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

15.105(b)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### **Operation is subject to the following two conditions:**

- 1) this device may not cause interference and
- 2) this device must accept any interference, including interference that may cause undesired operation of the device.

### **FCC RF Radiation Exposure Statement:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.