QuiX™ Startup Kit Quick Start Guide

Thank you for purchasing the QuiX Laser Scanner for your QNotes System. Since many of you will be replacing the older Videx credit card scanner with the QuiX Scanner, a short comparison is in order.

The QuiX Scanner is a laser scanner so it does not have to touch the chart or even "swipe" a barcode to work. **That's right no more repetitive swiping!** This small difference is the main reason that you will be 25-35% more efficient when dictating.   Also, the battery life is better. Even if the batteries do run out between charges, all your scanned data is automatically backed up so no data will be lost. This is a great improvement over the older scanner.   The QuiX Scanner is a KDC scanner with Quick Notes software installed. These scanners must be purchased directly through Quick Notes Inc. or they will not work with the QNotes system. Please visit www.qnotes.com/quix for updates and pictures.

Installing:

DO NOT PLUG IN THE SCANNER UNTIL YOU INSTALL IT. The QuiX Scanner's software must first be installed before the scanner can be used. This means that the driver must be registered with your computer before you can use the new scanner. The provided install program on the CD should do this for you. After you first plug the scanner into a USB port on some versions of windows, you may be prompted to tell Windows where to look for the driver. This location would normally be "c:\qnotes". The QuiX install should be followed by a normal QNotes Office install if you are updating from an older version to version 5 or if you want to confirm that you have the current versions.

Note: On Windows Vista you may have to wait 30 seconds or longer for Vista to first check online for the driver. After that you will be able to click on <browse> and tell Windows where to look for the driver. Also depending on how your security is setup you may have to click <Install Anyway> or <Continue Anyway> on the windows screen that pops up to offer to install the driver. If the driver did not install then see manual driver installation later in this document.

Scanner Buttons and Screen:

There are three buttons on the scanner, 2 are on the left side and one large button on the front. The large main button and the top side button are for scanning. The lower button on the side is to open a menu where you can delete the last scan or perform other functions. The scanner's bright LCD screen will provide you with information on what to do next or how many scans are stored and ready to be downloaded. Scanning nothing will show the Date.

Scanning and Scanning Sounds:

When scanning with QuiX you need to be about 1 inch away from the Zcode or chart code. At the end of this manual there is a setting barcode to switch from 1 to 3 inches. The laser will present you with a line of light that needs to be a little bigger than the width of the code that you want to scan. One great feature is the aiming tool. While pointing the scanner at a barcode keep the scan button pressed then point to the barcode that you like to scan and then release the button. This way while you are learning, you will never scan the wrong code. When scanning through tape or a laminated wall charts, you should scan at a slight up angle get it to scan easily every time (see image below). The scanner will learn from your unique scanning habits and just keep scanning the codes better and better over about 5 minutes of practice. A good scan is one short beep. A miss read or alert is 2 or 3 beeps. The accept scan is one long beep.   There is a quite mode setting where you can turn off the beep sound (see programming below) .

Downloading:

After the QuiX is setup, just click on the same <ABC> button on the Qrunner taskbar as you did with the old Videx scanner.   Everything else will work in the same way as it did before with the card scanner and is covered in the QNotes software manual. Charging the QuiX is covered in the Q&A section below.

Questions and Answers:

Q: How long will the QuiX Scanner battery last before it needs to be replaced?
A: The battery on the QuiX Scanner can be charged at least 300 times before it needs to be replaced.

The QuiX Scanner comes with a rechargeable, Lithium-Polymer battery. The battery is recharged from any USB Port. Quick Notes recommends replacing the battery after a year or declining battery life is noticed. A poor battery will cause noticeable performance degradation in QUIX SCANNER.

Q: How long does it take to charge the QuiX Scanner?
A: It takes about 2 hours to fully charge the QuiX Scanner from an empty battery status to a fully charged status.

Q: How many barcodes can a fully charged QuiX Scanner scan?
A: The QuiX Scanner can scan more than 10,000 barcodes when fully charged. Using a Bluetooth model, it can scan more than 7,500 barcodes.

Q: How long will the QuiX Scanner battery lasts in the sleep mode?
A: The QuiX Scanner lasts more than two weeks in sleep mode. If *Bluetooth* is powered ON and connected to a host device, it will last for more than two days.

Q: How many barcodes can be stored in the QuiX Scanner?
A: The QuiX Scanner has 100KB for database memory and 80KB of data memory. The user can store over 10,000 barcodes (200 patients) in memory. When the data buffer is full, the scanner displays a message, **Buffer Full**, ignoring any command to scan barcodes. You must download the scanner to continue data collection.

Q: What is the difference between the QuiX 100 and the QuiX 200?
A: The 100 has a flip out USB port and the 200 uses a mini USB cable. The QuiX 200 has Bluetooth can download wirelessly but still needs the cable to charge. We plan to offer a **Real Time Productivity Kit** for billing and EMR that will require the QuiX 200 to enable data and charges to be sent to the front desk.   There will be a trade in offered at that time.

Q: Will QuiX work with my older barcode charts.
A: Yes. The current version of QuiX will work with all of our barcode charts. Our 1995 chart that has a darker green section for diagnosis may require scanning with a slight angle up to easily read the codes in that section.

How To Scan: Here are a few simple tips for easy scanning. 1) Point the laser at the sample Zcode and use the laser light to connect the dots. 2) Let go of the button. You should be holding the QuiX at about 1 inch* from the barcode. Now, try to scan the sample chart code and then Accept Code.
*If you set the beam to narrow (see the last page) then you will scan from about three inches away.

Sample Zcode	**Sample Chart Code**	**Accept Code**

QuiX Special Codes (will be added to future chart):

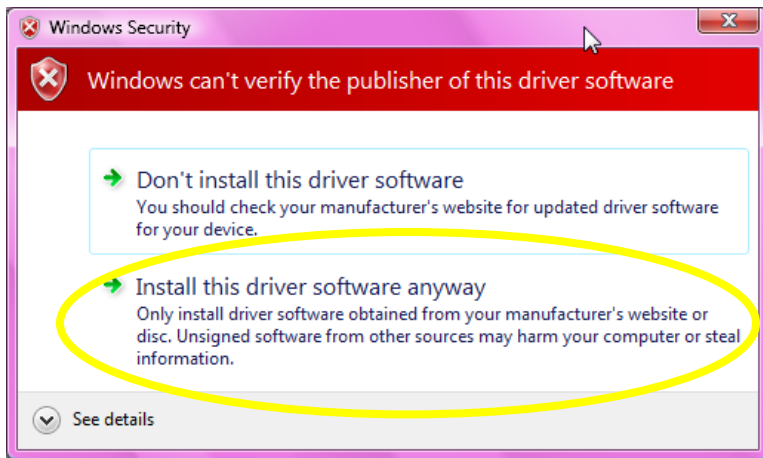Battery Check

Memory Status

Scanner Version

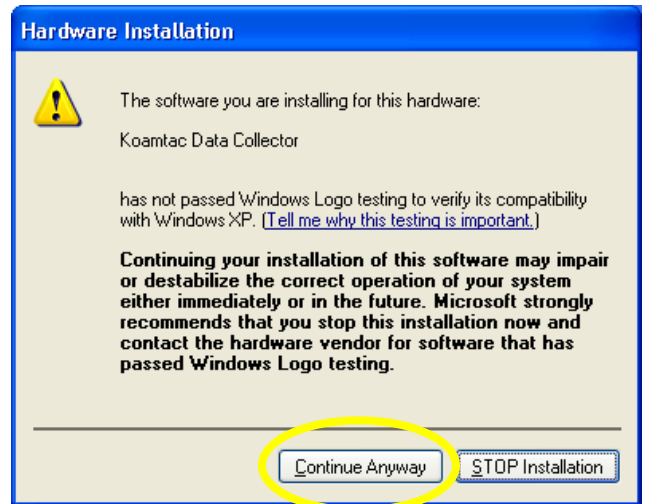Date and Time Check – Just scan nothing. Point the scanner at the wall and press the scan button.

More special programming codes are included in the trouble shooting section later in the document.

Manual driver installation:

The driver for the scanner is actually built in to windows. We provide an information file, called an "inf" file that can be right clicked to tell windows about your new scanner. Depending on security settings, Vista and Windows 7 might require you to plug in the scanner *after you run the install program* and then browse to the inf file located in the QNotes folder and on the CD and continue with one of the below 2 screens. When you see one of these screens choose to "Install this driver" or "Continue Anyway".
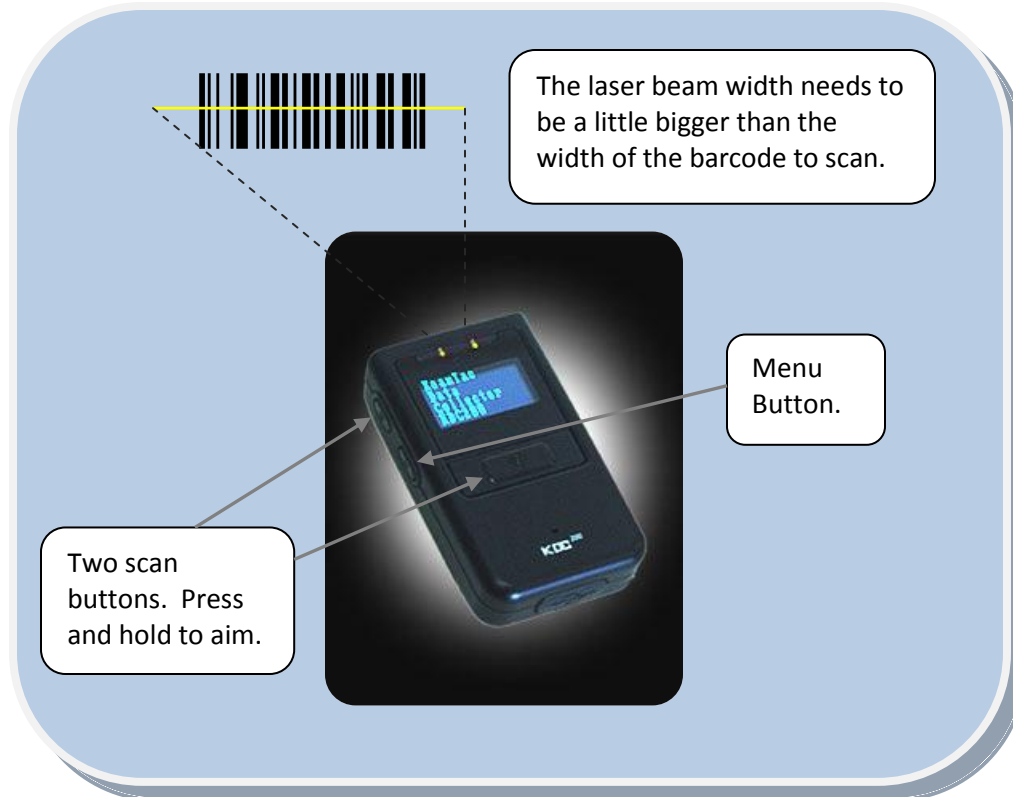

(Vista and Windows 7)

(Windows XP)

Scanning Barcodes:

Correct method to scan a barcode. You might find that when scanning through a laminated chart printed with color that a slight up angle (so that you can see the screen) will work better. This is dependent to the type of laminate on the chart and the lighting in the room.

Here is a great tip: While learning press and hold the scan button to activate the **aiming feature**, when you are pointing to the correct Qcode barcode then release the button. It is as easy as using a laser pointer.

The laser beam width needs to be a little bigger than the width of the barcode to scan.

Menu Button.

Two scan buttons. Press and hold to aim.

QuiX Programming Codes (after changing you may to wait 30 seconds to take affect):

Quite Scaning (no beep)

Scaning with beep (default)

Wide Scan Angle (Default & Recommended)
Sets scanning to one inch away

Narrow Scan Angle (Smaller Laser Width)
Sets scanning at two to three inches away

Open Advanced Menu

High Filter (less miss reads for firmware older than 1.85.202QL)

Older programming codes – no longer used with version 1.85.202QL or newer.

Enable Short Codes   Auto Menu Exit   Bluetooth Off (A)   Bluetooth Off (B)

Trouble shooting section (provided by the manufacture):

Can't communicate with PC USB cable is not connected properly
Check cable connection between KDC and host device
Software or Driver is not working properly: Reload the software or install the driver
COM configuration: Check COM port configurations

LED blinks yellow Low battery power
Charge the battery by connecting KDC to PC.
KDC may lose collected data if the battery is empty for an extended amount time.

Buffer Full Message Full Memory
Clear the Memory using Synchronization program

Bluetooth Message keeps popping up
Scan the two Bluetooth codes above and try to keep the scanner charged.

To reset the KDC, follow these steps.
The KDC stores collected data into flash memory and will not lose data or the KDC settings during the reset process.
1. Connect the KDC to your PC.
   KDC100 - Connect to your PC directly using the swing out, Type A USB connector.
   KDC200 - Connect to your PC using the included cable, attaching the ultra mini USB connector to your KDC
   and the standard, Type A connector to your PC's USB port.
2. Press DOWN scroll button and SCAN button simultaneously for 5 seconds.
3. When the LEDs illuminate yellow, release the buttons.
4. The KDC initial screen, displays when reset is complete.

Extra **"Accept"** codes for compatibility with one of the 1992-03 charts books. If required please request free stickers to update your book.

| Accept | Accept | Accept |

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Special Note for Narrative Report Users:

[H89], [H88],[H87] barcodes have replaces the old [HWA],[HCB],[HWC] narrative QCodes. All versions of QNotes newer than VIP will use these new QCodes. The Narrative Report product and or chart is required.

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS UNIT TO ANY TYPE OF MOISTURE. DO NOT LOOK DIRECTLY INTO LASER OR POINT THE LASER INTO ANOTHER PERSON'S EYES. EXPOSURE TO THE BEAM MAY CAUSE EYE DAMAGE.

CAUTION:
Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.
WARNING:
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.