



## Quick Start Guide

Please read this Quick Start Guide first.

**There are important steps to complete before installing the Watchband server software.**

*You will need administrator privileges on the server in order to complete installation.*

### A) Install and Connect the Watchband Receiver

1. Connect the male end of the included serial cable to the DB-9F port marked **COMPUTER**. Connect the other end of the serial cable into a COM port on the server computer.
2. Use the included audio cable (with 1/8" stereo connectors) to connect the Watchband port marked **LINE** to the line input on the server PC's sound card.
3. Attach the included vertical whip antenna or a user-supplied antenna (preferred) to the 50-Ohm BNC connector marked **ANT**.
4. Use the included 9VAC wall adapter to power the unit.

### B) Install IIS

IIS is the web server that allows remote Web clients to communicate with the server PC. It is included with Windows and may require your Operating System CD. To install IIS on Windows XP:

1. Open the **Control Panel** and go to **Add/Remove Programs**.
2. Use the **Add/Remove Components** feature to install IIS.

Specific instructions vary by operating system. For help, check with your IT department. If you are not familiar with IIS, Microsoft provides extensive, searchable support on their web site.

### C) Install Windows Media Encoder

Windows Media Encoder is what allows the Watchband web client to play audio using Windows Media Player.

1. Insert the Watchband CD into the server PC's CD-ROM drive.
2. When the splash screen loads, select **Install Windows Media Encoder 9**.
3. Follow on-screen instructions to complete installation.

## D) Install Watchband Server Software

1. Insert the Watchband CD into the server PC's CD-ROM drive.
2. When the splash screen loads, select **Install Watchband Server**. You will be prompted to install Microsoft .NET 2.0 as part of the installation process.
3. The Watchband installer will prompt you for a CD key, which can be found on a separate sheet included with the Watchband receiver. Save the CD key, as you will need to use it if you ever re-install Watchband.
4. Once the server software is installed, you are ready to log in to the web client. All Watchband configuration items and user settings are accomplished from the web client.

## E) Enabling the Sound Card Line In Function

Because Watchband audio is sent from the receiver to the Line In jack on the server's sound card, the Line In function must be enabled in order to hear the audio.

1. Go to the **Control Panel** and access the **Sounds & Audio Devices** settings.
2. Enable **Line In** audio. Specific instructions depend on the hardware setup, but this setting is typically found under **Recording Controls | Options | Properties**.
3. Once enabled, set the line input volume to a nominal level. After logging in to the Watchband web client and listening to the streaming audio, you may need to go back and adjust the line input level to the desired level.
4. If your soundcard offers a **Line Input Monitor** feature, make sure that the line input monitor is **muted**. This ensures that you will be able to listen to the encoded and buffered audio stream generated by the server software without interference from the real-time audio input coming directly from the soundcard.

## F) Logging In to Watchband

To log in to Watchband, open a web browser and type the IP address or name of Watchband Server into the address bar, followed by /watchband (i.e. <http://192.168.0.200/watchband>). If you are connecting to Watchband on the same PC where the server software is installed, enter **localhost** in place of the IP address.

When the login screen appears, enter your user name and password. The default user name is **admin** and the default password is "**password**" (no quotes). Passwords are case sensitive.

Press the **Login** button to start using Watchband.

The current version of Sun Microsystems Java Virtual Machine is required. If the web client does not load properly, visit [java.com](http://java.com) for a free update. If Java is current and Watchband still does not load, it could be that the Microsoft .NET Framework 2.0 was already installed on the machine when IIS was installed. Follow the instructions on the next page.

## ***Activation***

The first time you log in to Watchband, you will be prompted to activate your installation of the Watchband server software. A connection to the Internet is required.

## ***Initial Setup***

In order to use the web client, you will need to enter location data and information about the server ports, sound card, and the bit rate selection for streaming and recording. Instructions for establishing these settings are found in the Installation and Operation manual, under **Using the Web Client**. Once these are set up, installation is complete. You will be able to use Watchband to listen live, record audio, view data, and set up logging events.

### **Troubleshooting Tip: Repairing the .NET Framework 2.0 Installation**

Watchband requires Microsoft .NET 2.0, which is installed when you run the Watchband server software installer. As long as IIS is installed *before* installing .NET 2.0, there should be no difficulty during installation. However, if you install Watchband server software first – or if .NET 2.0 is already installed on the server PC – IIS creates an error in .NET 2.0 that prevents the web client from loading. This is due to an issue documented in Microsoft article KB555583.

If IIS is installed after .NET 2.0, take the following steps to repair the .NET installation:

1. Go to **Start | Control Panel | Add/Remove Programs**
2. Click on the entry titled **Microsoft .NET Framework 2.0** and select **Change/Remove**. The **Microsoft .NET Framework 2.0 Setup** dialog box opens.
3. Select the option titled **Repair** and the setup automatically performs the required repair work.
4. You will be prompted to reboot the PC after the completion of the process.

### **Getting Help**

The Installation and Operation Manual is included on the Watchband CD. We strongly encourage you to read the manual for helpful tips on setup and operation.

Visit the support section of our web site at [www.burk.com](http://www.burk.com) for product documentation, service bulletins, product updates, etc. If you need help, please don't hesitate to contact Burk Technology customer support at 978-486-3711, or email [support@burk.com](mailto:support@burk.com).