

Installation/Data Retrieval Instructions GX-94/Eagle Data Retrieval Software, For Eagle

System Requirements

- PC-compatible computer which runs Windows 95, Windows 98, or Windows NT
- CD-ROM drive
- 16 MB RAM minimum, 32 MB RAM recommended

Installation

1. Insert the GX-94/Eagle Data Retrieval Software CD into the CD-ROM drive.
2. At the default Windows screen, click the **Start** button in the lower left corner and select **Run**.
3. When the **Run** dialog box appears, enter **D:\setup.exe** in the Open field and click OK. The Data Retrieval Software installation will begin.
NOTE: If your CD-ROM drive is designated as a drive other than D:\, type in that drive when entering the file name. For example, E:\setup.exe.
4. Follow instructions on the screen during the installation process. When the installation is complete, you may either launch the program or return to the default Windows screen.

NOTE: The installation software installs the program in C:\Program Files\RKI INSTRUMENTS\GX-94-EAGLE unless otherwise specified. If you changed the destination or file folder names during installation, please note this when starting the program in *Retrieving Data*, item 4 below.

Retrieving Data

NOTE: Turn Eagle off before connecting the Data Retrieval Cable.

1. Connect the Data Retrieval Cable from a serial port on the computer, either COM 1, COM 2, COM 3, or COM 4, to the datalogger port on the Eagle.
2. Turn on the Eagle. The instrument will perform the battery voltage check. Wait until the following message appears on the display screen: **PC TRANSMIT STAND BY OK.**
3. At the default Windows screen, click the **Start** button in the lower left corner.

4. Select **Programs** and then **GX-94** from the pop up menus to start the program. The Main Screen appears. Alternatively, you can double click **GX94.exe** where the program resides.
5. Once the program starts, click the **UPLOAD** button. The Upload Screen appears.
6. Select the COM port you want to use to retrieve data in the Serial Line Select box.
7. Select Eagle in the Instrument Select box.

NOTE: The software will put the data in the C:\Program Files\RKI INSTRUMENTS INC\GX-94-EAGLE folder by default. If you want to send the retrieved data to another folder, exit the software and see the *Storing Data to Different Folders* section below.

8. Click the **START UPLOAD** button to retrieve data from the Eagle.
9. When data retrieval is complete, click the **CLOSE** button. The Main Screen appears with a list of all sessions retrieved from the Eagle.
10. Double click a session to view the Summary Screen for that Session.
11. At the Summary Screen, click the **DETAILS** button to see the Details Screen. This screen shows all the data and events for a particular session. It also allows graphing and printing.
 - Click the **GRAPH** button to display the Detail Graph screen. This screen shows a graph of the data. To print the graph, click the **PRINT** button.
 - Click the **PRINT** button to print the data in tabular form.
 - Click the **EXPORT** button to export a fixed width format text file of the data for the session. The file is sent to the same folder that the data is sent. It can be opened by a spread sheet program such as Microsoft Excel.
12. To exit the program, click the **CLOSE** button on each screen until you reach the Main Screen. Then click the **EXIT** button to exit the program.
13. Turn off the Eagle. After the GOOD-BYE on the display screen disappears, disconnect the data logging cable from the Eagle.

Storing Data to Different Folders

As mentioned above, the default location for retrieved data is in the C:\Program Files\RKI INSTRUMENTS INC\GX94-EAGLE folder. If you want to store the retrieved data in a different location, do the following:

1. Either by using My Computer or Windows Explorer, go to the C:\Program Files\RKI INSTRUMENTS INC\GX94-EAGLE folder where the software resides. Right click on GX94.exe.

2. A pull down menu will appear. Click on **Create Shortcut**.
3. A shortcut named **Shortcut to GX-94** will be created in the GX94-Eagle folder. If you keep creating shortcuts, the names will be **Shortcut (2) to GX-94, Shortcut (3) to GX-94**, etc.
4. Right click on the shortcut you created.
5. A pulldown menu will appear. Click on **Properties**.
6. A Properties Window will appear with two tabs: **General** and **Shortcut**. Click on **Shortcut** to bring the **Shortcut** tab to the front.
7. One of the fields on the **Shortcut** tab is **Start in:**. The path in the **Start in:** field is where the retrieved data is stored and where the software looks for data to display when the program is started using this shortcut. This is also where exported text files are sent.
NOTE: Do not change the path in the **Target:** field.
8. Enter the desired location in the **Start in:** field to store the retrieved data, for example "C:\Program Files\RKI INSTRUMENTS INC\GX94-EAGLE\Data1". Be sure the path is a valid path and that the destination folder, Data1 in this example, has been created.
9. You can either create several shortcuts to store the data in various folders or change the **Start in:** path before you use a shortcut to start the program to store data in various folders.