

Data Download Kit

310669 rev.B

Part No. 234668

For use with ProMix™ II proportioner.
Includes Data Download CD 234669 and RS-232 cable 118342.

Install the Software



The program was tested on Microsoft® Windows 98 and Windows XP.

1. Run Setup.exe from the CD and follow the setup prompts.
2. Click **Finish** to complete the installation.

Connect Cable 118342

Connect RS-232 cable 118342 between the EasyKey™ Display connector (A) and your PC COM1 port. See FIG. 1.

The software is designed for COM1 cable connection. If a COM1 port is not available, follow **Changing the Serial/COM Port** instructions, below.



If a serial port is not available, use a USB-to-serial port adapter (available at most retail electronics stores). Instructions for setup using an adapter begin on page 2

Changing the Serial/COM Port

1. After installing the software, double click the ProMixII Setup icon on your desktop.
2. Tera Term window opens, showing the current COM port being used.
3. Click Setup > Serial Port.
4. The Serial Port Setup window opens. Click the desired COM port in the Port list.
5. Click OK.
6. Click Setup > Save Setup.
7. Save the file as **teraterm.ini** in the directory C:\Program Files\Graco\Graco ProMixII Log 1.01.

PROVEN QUALITY. LEADING TECHNOLOGY.

Non-hazardous Area Only

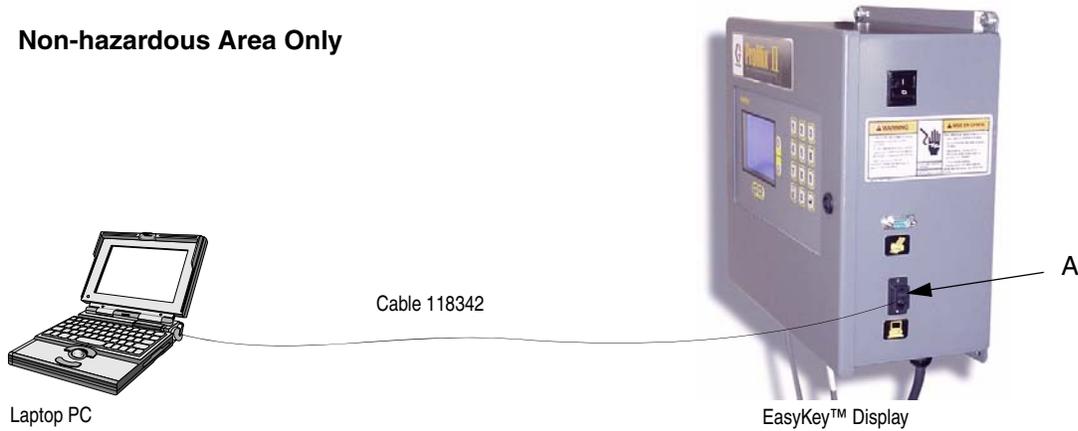


FIG. 1

Using a USB-to-Serial Port Adapter

If your computer does not have a serial port to connect the RS-232 cable to the PC, purchase a USB-to-serial port adapter (available at most retail electronics stores). Graco has tested the Edgeport/1 converter from B&B electronics but other adapters may be used.

After installing the converter and the software you must confirm the COM port. On a computer using Windows XP operating system, perform the following steps.

1. From the "Start" menu, open "Control Panel" and double click "System". See FIG. 2 and FIG. 3.



FIG. 3



FIG. 2

2. On the “System Properties” menu, click the “Hardware” tab. See FIG. 4.

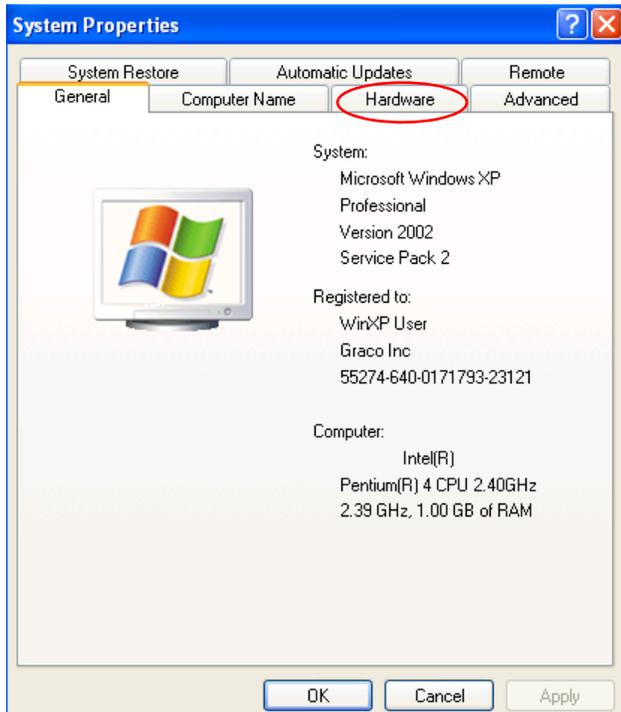


FIG. 4

3. On the “Hardware” page, click the “Device Manager” button. See FIG. 5.

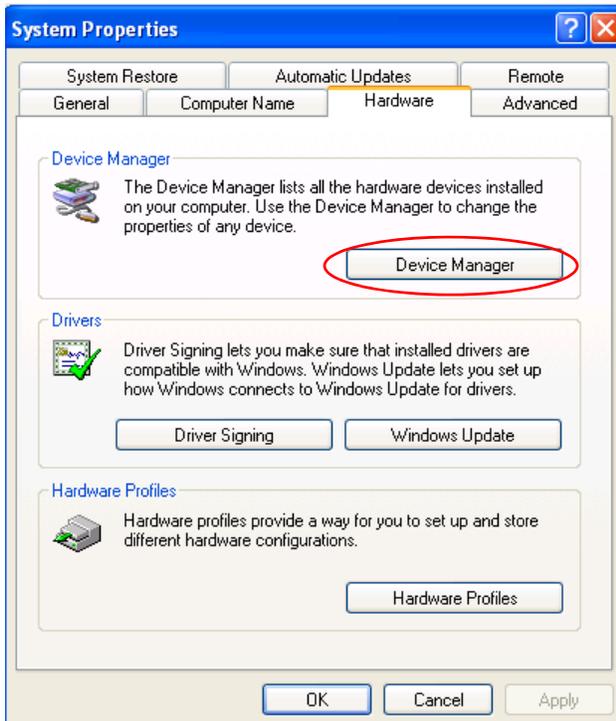


FIG. 5

4. On the list of devices displayed in Device Manager, click on the plus (+) sign in front of “Ports (COM & LPT)”. See FIG. 6.

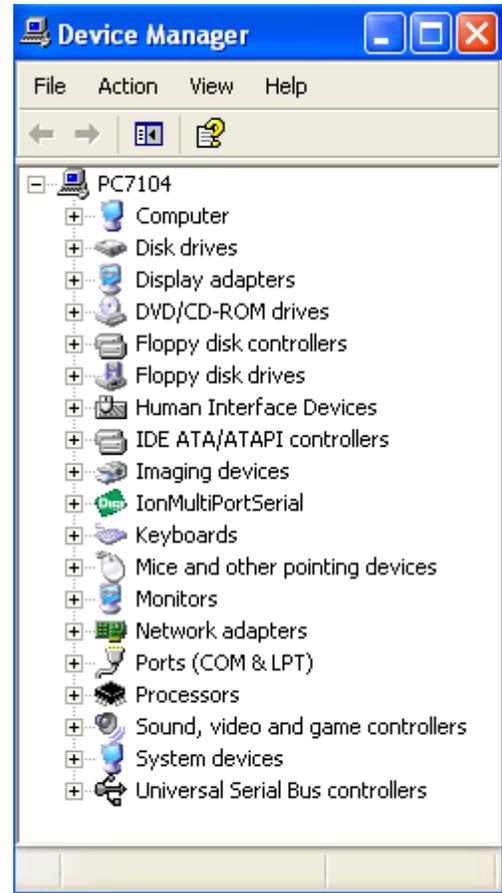


FIG. 6

- Ports (COM & LPT) expands and displays the name of the newly installed adapter including the COM port it is using. See FIG. 7.

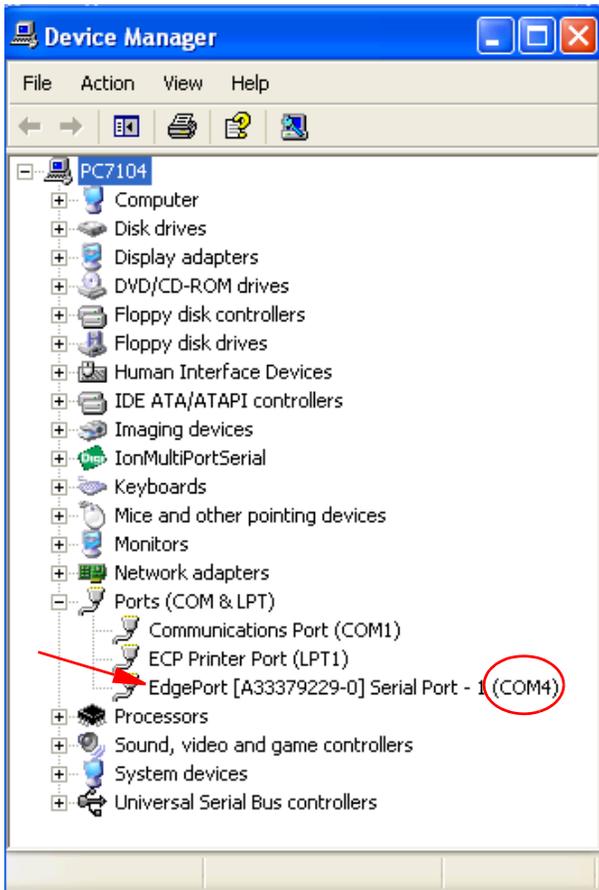


FIG. 7

- Note this COM port to use in setting the Tera Term (see “Changing the Serial/COM Port” on page 1). See FIG. 8.

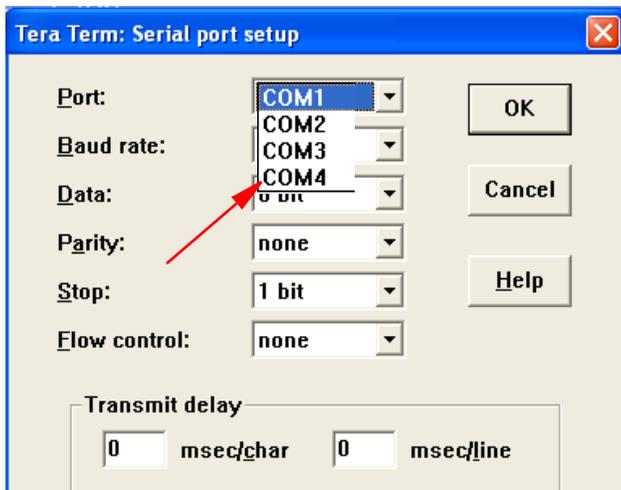
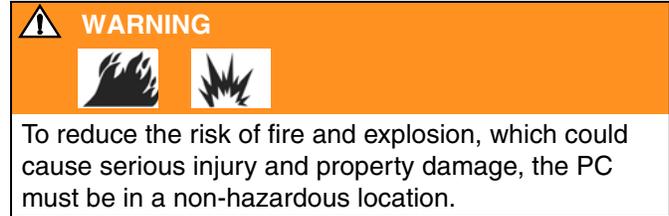


FIG. 8

Log Program

The Log program starts communication between the PC and ProMix™ II system and retrieves log and alarm files.



- Turn on ProMix™ II power.
- Start the Log program by double clicking on the Pro-MixII Log desktop icon or select the Log program from the Start menu (Start > Programs > Graco > ProMixII Log).
- Tera Term window opens.
- After a few seconds, you are prompted to enter the log file name. Type an identifiable name, such as *Log 4-01-2004*.
- Press Enter key.
- Xmodem Receive status window opens, then closes when log file is complete. Tera Term window remains open.
- You are prompted to enter the error file name. Type an identifiable name, such as *Error 4-01-2004*.
- Press Enter key.
- Xmodem Receive status window opens, then closes when alarm file is complete. Tera Term window also closes.
- The log and error files are saved as text files and stored in the C:\ProMixII directory. You can open the files as text documents or create a spread sheet with Microsoft Excel.

ProMixII Setup Program

Use ProMix™ II Setup program to:

- Update software
- View
 - software versions
 - material usage report
- Upload
 - setup values
 - a custom language to view on screen
- Download
 - setup values
 - job and alarm logs
- Clear
 - job and alarm logs
 - material usage report
- Reset
 - factory defaults
 - password

1. Start the Setup program by double clicking on the ProMixII Setup desktop icon or select the Setup program from the Start menu (Start > Programs > Graco > ProMixII Setup).
2. Follow the prompts on the screen.
3. Tera Term window opens.
4. Press Enter key.
5. Follow the prompts in the window.

Refer to **Setup Program Selections**, page 6, and **Examples**, page 7.

Software Troubleshooting

✓	If the Graco program will not start, check the following.
	Is the ProMix™ II power on?
	Is the cable 118342 and any adapters used fully seated in both the PC and ProMix™ II ports?
	Are any other programs using the same PC communication port as ProMix™ II? Typical communication conflicts occur with fax and handheld computer software. Close or deactivate conflicting software.
	Try switching to another PC communication port.
	If using Hyper Terminal, try closing, then restarting the program. Sometimes new communications parameters do not take affect until the software is restarted.
	Try pressing the PC Enter key multiple times to display the main menu.
	To isolate the problem, try communicating with a different: <ul style="list-style-type: none"> • PC • RS-232 cable • ProMix™ II system if available

Setup Program Selections

Task	Selection		Results
	Main Menu	2	
Install EasyKey™ software	a	a	Updates EasyKey™ display and fluid plate control software.
Install fluid plate control software	a	b	Updates fluid plate software only.
Display software versions	a	c	<i>Example:</i> EasyKey Boot: 1.01.001, checksum=d0dc2d, built: Mar 08 2004 13:14:20 EasyKey: 1.01.001, checksum=166a5ce, built: Mar 08 2004 13:16:41 Fluid Plate Control: 1.01.001
Display software checksum	a	d	<i>Example:</i> Entire Flash Chip: checksum=5ba18df
Download job log	b	a	Downloads selected file.
Download error log	b	c	
Download setup values	b	e	
Display job log	b	b	
Display error log	b	d	Displays selected file on terminal screen.
Display setup values	b	f	
Display material usage report	b	h	
Print material usage report	b	i	
Restore setup values	b	g	Prints report. Must have printer 234670 connected to EasyKey™ display.
Clear job log	b	j	Restores setup values from PC to ProMix™ II.
Clear error log	b	k	
Clear material usage report	b	l	
End current job	b	m	
Reset settings to factory defaults	c	a	Deletes selected file.
Reset password (use if you forget your password)	c	b	A and B totalizer values are sent to job log and totalizers are reset to zero. The same thing happens when the operator purges, does a color change, or presses the print key on the Operator Station. A job report is also printed.
Restore custom language	c	c	Restores factory default settings, including: <ul style="list-style-type: none"> • Changes language to English (custom languages loaded previously remain available). • Resets password to 0.
Display custom language	c	d	Resets password to 0 without affecting other settings.
Display custom language	c	d	Uploads a custom language file (customer supplies). Follow on-screen instructions for TeraTerm or HyperTerm.
Display custom language	c	d	Displays a custom language on computer screen, where it can be copied to an Excel file and updated. If custom language is desired, contact your Graco distributor.

Examples

Example of Data Transfer (b) > Display job log (b)

- a. Download job log
 - b. Display job log
 - c. Download error log
 - d. Display error log
 - e. Download setup values
 - f. Display setup values
 - g. Restore setup values
 - h. Display Material Usage Report
 - i. Print Material Usage Report
 - j. Clear Job Log
 - k. Clear Error Log
 - l. Clear Material Usage
 - m. End Current Job
 - n. Return to Main Menu
- Enter Selection [a-n]: b

Job Date	Time	Color	Ratio	Target	Vol A	Vol B	GrandTotal	Error
001	01-Jan-2003	01:01:01	1	0.67	0.67	2	3	5
002	02-Jan-2003	01:01:02	2	0.67	0.67	10	15	25
003	03-Jan-2003	01:01:03	3	0.67	0.67	18	27	45
004	04-Jan-2003	01:01:04	4	0.67	0.67	26	39	65
005	05-Jan-2003	01:01:05	5	0.67	0.67	34	51	85

Job log successfully dumped.

Example of Data Transfer (b) > Display error log (d)

- a. Download job log
 - b. Display job log
 - c. Download error log
 - d. Display error log
 - e. Download setup values
 - f. Display setup values
 - g. Restore setup values
 - h. Display Material Usage Report
 - i. Print Material Usage Report
 - j. Clear Job Log
 - k. Clear Error Log
 - l. Clear Material Usage
 - m. End Current Job
 - n. Return to Main Menu
- Enter Selection [a-n]: d

Alarm	Date	Time	Color	Error
001	09-Jan-2004	14:15:05	0	E13 Factory Defaults Restored
002	09-Jan-2004	14:02:46	1	E10 Setup Changed
003	09-Jan-2004	14:02:31	1	E10 Setup Changed
004	09-Jan-2004	13:56:03	0	E10 Setup Changed
005	09-Jan-2004	13:55:37	1	E10 Setup Changed

Error log successfully dumped.

Example of Utility (c) > Reset settings to factory defaults (a)

- a. Reset settings to factory defaults
 - b. Reset Password
 - c. Restore Custom Language
 - d. Display Custom Language
 - e. Return to Main Menu
- Enter Selection [a-e]: a
Are you sure? Enter yes to continue:yes
Factory Defaults successfully restored.

Example of Utility (c) > Reset Password (b)

- a. Reset settings to factory defaults
 - b. Reset Password
 - c. Restore Custom Language
 - d. Display Custom Language to screen
 - e. Return to Main Menu
- Enter Selection [a-e]: b
Are you sure? Enter yes to continue:yes
Password successfully reset.

Example of Utility (c) > Restore Custom Language (c)

- a. Reset settings to factory defaults
 - b. Reset Password
 - c. Restore Custom Language
 - d. Display Custom Language
 - e. Return to Main Menu
- Enter Selection [a-e]: c
Tera Term Instructions:
1. Go to the File -> Transfer -> XMODEM -> Send... Menu.
2. Select the 1K Option.
3. Select the file which contains the setup values to restore.
4. Click the Open button.

- Hyperterminal Instructions:
1. Go to the Transfer -> Send... menu.
2. Select the Y-Modem protocol.
3. Select the file which contains the setup values to restore.
4. Click the Send button.

(Type several Ctrl-X's to cancel the transfer)

Custom language upload done.

- a. Restore settings to factory defaults
 - b. Reset Password
 - c. Upload Custom Language
 - d. Dump Custom Language to screen
 - e. Return to Main Menu
- Enter Selection [a-e]:

Graco Information

TO PLACE AN ORDER, contact your Graco distributor or call to identify the nearest distributor.

Phone: 612-623-6921 **or Toll Free:** 1-800-328-0211 **Fax:** 612-378-3505

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