

Users Manual

LogMan II

Reefer Container Monitoring

Marine Controls/ – the people to talk to

Users Manual

Table of Contents

Introduction	3
About the LogMan II	3
Basic Operation.....	5
Before First Use	5
Getting Started.....	6
Reefer and Genset Operations	7
Overview	7
Automatic Log Retrieval.....	8
Manual Log Retrieval.....	9
Change Container/Genset ID	10
Set Controller Date and Time	11
Set Trip Start Date	12
Set Port of Load/Discharge.....	13
Enter Reefer Comment.....	14
Enter Temperature Probe Correction	15
Probe Calibration	16
Update Controller Firmware.....	17
Change Controller Configuration	18
View Genset Information and Change Setup	19
Other Operations.....	20
View and Delete Log Files	20
Transfer Logs to LogView.....	21
Transfer Controller Firmware to LogMan II.....	22
Update LogMan II Software	23
Miscellaneous Functions	25
Appendix.....	26
Document Revision Record	26

<p>Johnson Controls Denmark ApS Marine Jens Juuls Vej 28, 8260 Viby J, Denmark Phone: +45 87 36 35 00 - Fax: +45 87 36 35 01 www.myREFCON.com - cg-eur-dk-vibymarine@jci.com</p>
--

<p>© Copyright Johnson Controls Denmark ApS All Rights Reserved</p>
--

Table of Contents

Revision 1.4 · Updated: 090116

Project 00017: LogMan II

File: f:\tp\products\reefer monitoring\logman ii\pm\manual's\logmanii_usermanual_14.doc

Marine Controls

Author: Claus Eifer · Owner: Claus Eifer

Page 2 of 26

Introduction

About the LogMan II

Description

The LogMan II is the latest reefer log retrieval tool from Johnson Controls (formerly York Marine Controls). Version II is based on an updated platform, the Workabout Pro S Second Generation Hand-Held Computer, and adds the ability to retrieve logs from Thermo King SG+ genset controllers.

In addition to log retrieval, the LogMan II provides the following functions:

- Set controller date and time
- Set container (or genset) ID
- Set container trip start date
- Store load and discharge ports
- Enter temperature probe correction values
- Store a container comment
- Calibrate temperature probes
- Update controller firmware
- View genset fuel level, set tank size and low-fuel warning level

For more information about the LogMan II, service contacts, and the latest product software and documentation, please visit our website at www.myrefcon.com/.

Supported Controllers

The LogMan II works with the following reefer and genset controllers:

Reefer Controllers

- Thermo King MP-3000a, MP-3000, MPC2000ID, MPC2000
- Thermo King μ P-D, μ P-A+
- Carrier Microlink 3, Microlink 2i, Microlink 2
- DAIKIN DECOS III d, DECOS III c, DECOS III b
- Mitsubishi MMCC IIIA
- MCI/STARCOOL RCCU5

Genset Controllers

Thermo King SG+

Continued on next page

About the LogMan II, Continued

**Package
Contents**

The LogMan II is supplied with the following:

- PSION Workabout Pro Second Generation Hand-Held Computer
 - PSION Workabout Pro Desktop Docking Station with AC power adaptor, adaptor plugs, and USB A-B cable
 - LogView software installation CD-ROM (trial version)
 - Standard multi-cable for controller connection
 - Getting Started Guide
-

**Additional
Requirements**

To use the LogMan II, you will also need a Windows 2000 or XP PC to run the LogView application.

Optional Cables

The included multi-cable (P/N 5062-002) connects the LogMan II to the majority of controllers in current use. Two additional cables (not included) are available to connect Mitsubishi and older Daikin reefer controllers. These are:

- Mitsubishi controller connection cable, P/N 5062-004
 - Original Daikin controller connection cable, P/N 5062-005
-

Basic Operation

Before First Use

Charging the Battery

The LogMan II uses a rechargeable battery that must be charged before first use. To charge the battery, connect the docking station to AC power using the provided power supply and plug adaptor. Insert the hand-held computer into the docking station and press it down until it locks. Allow the battery to charge for up to 6 hours. A full charge is indicated by solid green light from the charging indicator, which is located above the <ENTER> key.


It is recommended that you place the LogMan II in the docking station when not in use to keep the battery fully charged.

About ActiveSync

Microsoft ActiveSync is a software application that is required to transfer files between the LogMan II and a Windows XP or 2000 PC. ActiveSync is installed automatically by the LogView installer.

Install LogView

Follow the steps below to install LogView on your PC.

Step	Action
1	Start by saving anything you are working on and closing all programs.
2	Insert the installation CD-ROM into your compact disk drive.
3	On most systems the YORK InstallManager opens automatically and you can proceed to the next step. If the InstallManager does not open, then do as follows. <ul style="list-style-type: none"> • From your Start menu click My Computer, or, from your desktop, double-click My Computer. • Double-click the compact disc drive in the list of storage drives and folders. If the InstallManager now opens, go to the next step. • Double-click the  icon for the install file. The InstallManager opens.
4	Click Install LogView .
5	Follow the instructions on screen to install the software.
6	Close the InstallManager window when installation is completed.

Getting Started

Turning the Unit On and Off To turn on the device, press and hold the <ENTER> button for a second or two. To turn off the device, press the blue <FN> key followed by the <ENTER> key.

Starting the LogMan II Application In normal operation, the LogMan II application opens when you turn on the unit. If you close the application, it will be necessary to select LogMan II from the startup menu. Use the up/down arrow keys to select "LogMan" and press <ENTER>.

Set User Preferences The "System Settings" function in the main menu allows you to select the date and time format and the temperature unit. Select your preferred settings as follows.

Step	Action
1	Start the LogMan II application.
2	Press <4> to select "System Settings". The "System Settings" screen opens.
3	Use the up/down arrow keys to select the desired date/time format.
4	Press <F1 TAB> and then use the up/down arrow keys to select the desired temperature unit, Celsius or Fahrenheit.
5	Press <ENTER> to store the settings; press <ESC> to return to the previous menu.

Connecting to PC The LogMan II connects to the LogView PC via the docking station and USB cable. LogView version 6.0 or later must be installed before connecting the docking station. Connect as follows.

Step	Action
1	Connect the included USB cable to the docking station and an available USB port on the LogView PC.
2	Place the hand-held computer in the docking station.
3	Start LogView.

Connecting to Controller The LogMan II must be connected to the reefer or genset controller to download logs or perform the other operations. The included multi-connector cable can be used to connect all major controllers except Mitsubishi and older Daikin controllers. Separate cables are available for these. Connect as follows.

Step	Action
1	Connect the female 9-pin plug to the top of the hand-held computer.
2	Locate the appropriate connector for the controller on the other end of the cable.
3	Plug the connector into the controller.

Reefer and Genset Operations

Overview

Supported Functions

The table below provides an overview of the functions supported by the LogMan II for each controller.

Note: The functions indicated with a shaded “x” are planned for future implementation but are not supported in the initial release.

	Retrieve Logs	Change ID	Set Date and Time	Set Trip Start	Enter Load/Discharge Ports	Enter Reefer Comment	Enter Probe Correction	Calibrate Probes	Upload Firmware	Set Proprietary Config.	Genset Setup
Carrier Microlink 1	x	x		x	x	x					
Carrier Microlink 2, 2i, 3	x	x	x					x		x	
Daikin Decos IIIb/IIIc/IIId	x	x	x					x	x		
MCI Starcool RCCU 5	x	x	x	x				x	x		
Mitsubishi MMCC IIIA	x	x				x					
TK uP-A	x	x	x								
TK uP-A+ / uP-D	x	x	x						x		
TK SG+	x	x	x						x		x
TK 3000, 3000a, MPC2000ID, MPC2000	x	x	x	x	x	x	x	x	x		

Automatic Log Retrieval

Description The Automatic Log Retrieval function transfers all available logs from the controller to the LogMan II.

Supported Controllers Automatic Log Retrieval works with all reefer and genset controllers supported by the LogMan II.

Procedure Follow the steps below for automatic log retrieval.

Note: If nothing happens when you press a number key, the keyboard is in letter mode (enabled with orange FN key) or function mode (enabled with blue FN key). Return the keyboard to number mode by pressing the orange or blue FN key.

Step	Action
1	Connect the hand-held computer to the controller and start the Application.
2	From the main menu, press <1> to select "Automatic Operation".
3	The "Connect to Controller" screen opens. Use the up and down arrow keys to select the controller type.
4	Press <ENTER> to initiate log retrieval, or press <ESC> to cancel the operation and return to the main menu.
5	The "Transferring Logs" screen displays log file download progress and the container (or genset) ID number.
6	When the transfer is completed, press <ESC> to return to the previous menu.

Manual Log Retrieval

Description Whereas Automatic Log Retrieval copies all logs from the controller to the LogMan II, manual log retrieval allows you to download specific log types and periods.

Supported Controllers The Manual Log Retrieval function works with all reefer and genset controllers supported by the LogMan II.

Procedure Follow the steps below for manual log retrieval.

Note: If nothing happens when you press a number key, the keyboard is in letter mode (enabled with orange FN key) or function mode (enabled with blue FN key). Return the keyboard to number mode by pressing the orange or blue FN key.

Step	Action
1	Connect the LogMan II to the controller and start the Application.
2	From the main menu, press <2> to select "Manual Operation".
3	The "Connect to Controller" screen opens. Use the up and down arrow keys to select the controller type.
4	Press <ENTER>.
5	The "Manual Operation" screen opens. Press <1> to select the "Retrieve [log type]" option.
6a	If the controller supports multiple log files, the log types are listed. Press the number key corresponding to the desired log type.
6b	If retrieving temperature or combined log files, an options screen then opens with the following options. <ul style="list-style-type: none"> • "From Trip Start" retrieves log data starting from the latest trip start. • "From Date" retrieves log data starting from a specified date. • "All Data" retrieves the entire log. Press the number key that corresponds to the desired option.
6c	If you selected option 2, "From Date", the "Select Date" screen opens. Use the left/right arrow keys to select the date field (year/month/day), and use the up/down arrow keys to change the date. (A pop-up calendar is also available through the touch screen: press the arrow to the right of the date input field.) <p>Press <ENTER>.</p>
7	The "Transferring Logs" screen displays log file download progress and the container (or genset) ID number. When the transfer is completed, press <ESC> to return to the previous menu.

Change Container/Genset ID

Description This function allows you to view and change the container or genset ID stored in the controller. The ID must be in the 4-letter, 7-digit format (ABCD1234567) and the checksum digit must be valid.

Supported Controllers The ID setting function is available with all reefer and genset controllers supported by the LogMan II.

Procedure Follow the steps below to view or change the container or genset ID.

Note: If nothing happens when you press a number key, the keyboard is in letter mode (enabled with orange FN key) or function mode (enabled with blue FN key). Return the keyboard to number mode by pressing the orange or blue FN key.

Step	Action
1	Connect the LogMan II to the controller and start the Application.
2	From the main menu, press <2> to select "Manual Operation".
3	The "Connect to Controller" screen opens. Use the up and down arrow keys to select the controller type. Press <ENTER>.
4	The "Manual Operation" screen opens. Press the <2> key to select "Container ID" or "Genset ID". The ID setting screen opens. The currently stored ID is displayed at the top, followed by the ID entry field.
5	Press the orange FN key to toggle the keyboard from number mode to letter mode.
6	Enter the 4-letter prefix using number keys 2 - 9. Note: Each number key is associated with the 3 or 4 letters indicated in orange. Press the number key once to enter the first letter, twice quickly to enter the second letter, three times quickly to enter the third letter, or four times quickly to enter the fourth letter. Allow a moment for the letter to appear. If you make a mistake, press the <BKSP> (backspace) key to erase the previous letter.
7	After entering the 4-letter prefix, press the orange FN key to toggle the keyboard back to number mode.
8	Enter the 7-digit number using the number keys. Note: The ID's checksum digit must be valid. If it is invalid the LogMan II informs you of the correct checksum digit. Check the ID and correct as necessary using the <BKSP> key.
9	Press <ENTER> to store the new ID in the controller or <ESC> to cancel the operation.

Set Controller Date and Time

Description The “Container Time” and “Genset Time” functions in the “Manual” menu allow you to set the controller’s calendar and clock.

Supported Controllers This function is available with the following reefer and genset controllers:

Reefer Controllers

- Thermo King MP-3000a, MP-3000, MPC2000ID, MPC2000
- Thermo King μ P-D, μ P-A+
- Carrier Microlink 3, Microlink 2i, Microlink 2
- DAIKIN DECOS IIIId, DECOS IIIc, DECOS IIIb
- MCI/STARCOOL RCCU5

Genset Controllers

- Thermo King SG+
-

Procedure Follow the steps below to view or change the container or genset time and date.

Note: If nothing happens when you press a number key, the keyboard is in letter mode (enabled with orange FN key) or function mode (enabled with blue FN key). Return the keyboard to number mode by pressing the orange or blue FN key.

Step	Action
1	Connect the LogMan II to the controller and start the Application.
2	From the main menu, press <2> to select “Manual Operation”.
3	The “Connect to Controller” screen opens. Use the up and down arrow keys to select the controller type. Press <ENTER>.
4	The “Manual Operation” screen opens. Press the <3> key to select “Container Time” or “Genset Time”. The date and time setting screen opens.
5	The input line is divided into year, month, day, hour, and minute fields. Use the left/right arrow keys to select a field. Use the up/down arrow keys to change the field’s value.
6	Press <ENTER> to store the setting. Press <ESC> to return to the previous menu.

Set Trip Start Date

Description The “Trip Start” function in the “Container Setup” menu allows you to set the trip start date in the controller.

Supported Controllers This function is available with the following reefer controllers:

- Thermo King MP-3000a, MP-3000, MPC2000ID, MPC2000
 - MCI/STARCOOL RCCU5
-

Procedure Follow the steps below to set the container trip start date.

Note: If nothing happens when you press a number key, the keyboard is in letter mode (enabled with orange FN key) or function mode (enabled with blue FN key). Return the keyboard to number mode by pressing the orange or blue FN key.

Step	Action
1	Connect the LogMan II to the controller and start the application.
2	From the main menu, press <2> to select “Manual Operation”.
3	The “Connect to Controller” screen opens. Use the up and down arrow keys to select the controller type. Press <ENTER>.
4	The “Manual Operation” screen opens. Press the <4> key to select “Container Setup”.
5	The “Container Setup” screen opens. Press the number key that corresponds to “Trip Start”.
6	The “Trip Start” screen opens with the currently stored trip start date displayed at the top. The new trip start input line is below and is divided into year, month, day, hour, and minute fields. Use the left/right arrow keys to select a field. Use the up/down arrow keys to change the field’s value.
7	Press <ENTER> to store the setting. Press <ESC> to return to the previous menu.

Set Port of Load/Discharge

Description The Port of Load/Discharge function in the “Container Setup” menu allows you to enter 3-letter port codes in the reefer controller.

Supported Controllers This function is available with the following reefer controllers:

- Thermo King MP-3000a, MP-3000, MPC2000ID, MPC2000

Procedure Follow the steps below to enter the ports of load and discharge.

Step	Action
1	Connect the LogMan II to the controller and start the application.
2	From the main menu, press <2> to select “Manual Operation”.
3	The “Connect to Controller” screen opens. Use the up and down arrow keys to select the controller type. Press <ENTER>.
4	The “Manual Operation” screen opens. Press the <4> key to select “Container Setup”.
5	The “Container Setup” screen opens. Press <2> to select “Port of Load/Discharge”.
6	The “Port of Load/Discharge” screen opens with the currently stored port codes, if any, displayed at the top, and two entry fields. The entry field on the left is for the load port and the entry field on the right is for the discharge port. Press the orange FN key to toggle the keyboard from number mode to letter mode, and press <BKSP> to clear the first field.
7	Enter the 3-letter code for the port of loading using number keys 2 - 9. Note: Each number key is associated with the 3 or 4 letters indicated in orange. Press the number key once to enter the first letter, twice quickly to enter the second letter, three times quickly to enter the third letter, or four times quickly to enter the fourth letter. Allow a moment for the letter to appear. If you make a mistake, press the <BKSP> (backspace) key to erase the previous letter. Example: To enter “ATL”, press <2> to get the “A”, pause, press <8> to get the “T”, pause, and press <5><5><5> to get the “L”.
8	The cursor jumps to the discharge port field. Press <BKSP> to clear the field and enter the 3-letter port code for the port of discharge.
9	Press <ENTER> to store the port codes in the controller, then press <ESC> to return to the previous menu.
10	Press the orange FN key to toggle the keyboard back to number mode.

Enter Reefer Comment

Description The “Reefer Unit Comment” function in the “Container Setup” menu allows you to enter an 11-character note that is stored with the data logs.

Supported Controllers This function is available with the following reefer controllers:

- Thermo King MP-3000a, MP-3000, MPC2000ID, MPC2000
- Mitsubishi MMCC IIIA

Procedure Follow the steps below to enter a reefer comment.

Step	Action
1	Connect the LogMan II to the controller and start the application.
2	From the main menu, press <2> to select “Manual Operation”.
3	The “Connect to Controller” screen opens. Use the up and down arrow keys to select the controller type. Press <ENTER>.
4	The “Manual Operation” screen opens. Press <4> to select “Container Setup”.
5	The “Container Setup” screen opens. Press the number key that corresponds to “Reefer Unit Comment”.
6	The “Reefer Unit Comment” screen opens with the current comment, if any, displayed at the top, and an entry field for a new comment. Press <BKSP> to clear the field.
7	Enter up to 11 characters – any combination of letters, numbers, and symbols -- using the keypad. Note: The orange FN key toggles the keypad between letter mode and number mode. When in letter mode, pressing the blue FN key allows you to enter the symbol associated with a key.
8	Press <ENTER> to store the comment in the controller, then press <ESC> to return to the previous menu.

Enter Temperature Probe Correction

Description The “Correction Factor” function in the “Container Setup” menu allows you to set an offset of up to plus/minus 0.5° F for the USDA 1, USDA 2, USDA 3, and Cargo probes.

Supported Controllers This function is available with the following reefer controllers:

- Thermo King MP-3000a, MP-3000, MPC2000ID, MPC2000

Procedure Follow the steps below to enter a temperature probe offset.

Step	Action
1	Connect the LogMan II to the controller and start the application.
2	From the main menu, press <2> to select “Manual Operation”.
3	The “Connect to Controller” screen opens. Use the up and down arrow keys to select the controller type. Press <ENTER>.
4	The “Manual Operation” screen opens. Press <4> to select “Container Setup”.
5	The “Container Setup” screen opens. Press the number key that corresponds to “Correction Factor”.
6	The “Correction Factor” screen displays a table with the probe names in the left-hand column, the currently stored correction factor in the middle column, and the new correction factor in the right-hand column. Use the <Tab> key to select the probe to adjust. Use the up/down arrow keys to increase or decrease the temperature offset.
7	Press <ENTER> to store the settings in the controller, then press <ESC> to return to the previous menu.

Probe Calibration

Description The “Probe Calibration” function in the “Container Setup” menu allows you to calibrate reefer temperature sensors USDA 1, USDA 2, USDA 3, and Cargo. It is intended to assist in meeting the certification requirements for Cold Treatment as defined by the United States Department of Agriculture (USDA). Please see the USDA Plant Protection and Quarantine (PPQ) Treatment Manual for further information.

Supported Controllers The probe calibration function is available with the following reefer controllers:

- Thermo King MP-3000a, MP-3000, MPC2000ID, MPC2000
- Carrier Microlink 3, Microlink 2i, Microlink 2
- DAIKIN DECOS III d, DECOS III c, DECOS III b
- MCI/STARCOOL RCCU5

Procedure Follow the steps below to calibrate the temperature sensors.

Step	Action
1	Connect the LogMan II to the controller and start the application.
2	From the main menu, press <2> to select “Manual Operation”.
3	The “Connect to Controller” screen opens. Use the up and down arrow keys to select the controller type. Press <ENTER>.
4	The “Manual Operation” screen opens. Press <4> to select “Container Setup”.
5	The “Container Setup” screen opens. Press the number key that corresponds to “Probe Calibration”.
6	A confirmation screen opens. <i>If you continue, the previous calibration settings will permanently be deleted.</i> Press <ENTER> to cancel the operation, or <1> to continue.
7	The “Probe Calibration” screen displays the following from left to right: <ul style="list-style-type: none"> • “Probe”: probe name • “Uncal.”: uncalibrated temperature reading • “Corr.”: the calibration required to achieve 0°C/32°F • “Cal.”: the calibrated temperature reading <p>Allow the temperature to stabilize at 0°C/32°F. When the temperature has stabilized, press <ENTER> to initiate calibration. If the uncalibrated probe values are within +/- 0.3°C (0.5°F), the LogMan II calculates the offset required to calibrate the temperature probes.</p>
8	Press <ESC> to return to the previous menu.

Update Controller Firmware

Description The “Flash Load” item in the “Manual Operation” menu allows you to install new firmware in the reefer or genset controller. Before installation, the firmware must be transferred to the LogMan II as described in LogView’s Online Help.

Supported Controllers The firmware update function is available with the following reefer and genset controllers:

Reefer Controllers

- Thermo King MP-3000a, MP-3000, MPC2000ID, MPC2000
- Thermo King μ P-D, μ P-A+
- DAIKIN DECOS III d, DECOS III c, DECOS III b
- MCI/STARCOOL RCCU5

Genset Controllers

Thermo King SG+

Procedure Follow the steps below to install new controller firmware.

Step	Action
1	Copy the desired firmware update file to the LogMan II.
2	Connect the LogMan II to the controller and start the application.
3	From the main menu, press <2> to select “Manual Operation”.
4	The “Connect to Controller” screen opens. Use the up and down arrow keys to select the controller type. Press <ENTER>.
5	The “Manual Operation” screen opens. Press <5> to select “Flash Load”.
6	The “Flash Load” screen opens. Use the up and down arrow keys to select the desired upload file. Alternatively, press the triangle on the touch screen to open a drop-down list of files.
7	Initiate the file transfer as described on screen. In some cases, the controller must be turned off and restarted in a particular way before pressing <ENTER> to start the upload.
8	Press <ESC> when the transfer is completed to return to the previous menu. Note: Always allow the file transfer to be completed before turning off or disconnecting the LogMan II.

Change Controller Configuration

Description The “Change Configuration” function in the “Container Setup” menu allows you to select the controller configuration from a list of configuration settings for Carrier reefer controllers. For more information about configuration settings, please refer to the Carrier reefer controller documentation.

Supported Controllers The controller configuration function is available with the following reefer controllers:

- Carrier Microlink 3, Microlink 2i, Microlink 2

Procedure Follow the steps below to change the controller configuration.

Step	Action
1	Connect the LogMan II to the controller and start the application.
2	From the main menu, press <2> to select “Manual Operation”.
3	The “Connect to Controller” screen opens. Use the up and down arrow keys to select the controller type. Press <ENTER>.
4	The “Manual Operation” screen opens. Press <4> to select “Container Setup”.
5	The “Container Setup” menu opens. Press <2> to select “Change Configuration.”
6	The “Change Configuration” screen opens with a list of configuration settings. Use the touch screen or the up/down arrow keys to select a configuration setting.
7	Press <ENTER> to apply the selected configuration settings. Press <ESC> to return to the previous menu.

View Genset Information and Change Setup

Description The four functions in the “Information and Setup” menu for the Thermo King SG+ genset controller allow you to do the following:

- Display the genset serial number.
- Display and reset two genset hour meters.
- View the fuel level and set the genset’s fuel tank size.
- Set the low-fuel-alarm level.

Supported Controllers The genset information and setup functions are available with the Thermo King SG+ genset controller only.

Procedure Follow the steps below to view and set genset parameters.

Step	Action
1	Connect the LogMan II to the controller and start the application.
2	From the main menu, press <2> to select “Manual Operation”.
3	The “Connect to Controller” screen opens. Use the up and down arrow keys to select the Thermo King SG+. Press <ENTER>.
4	The “Manual Operation” screen opens. Press <4> to select “Information and Setup”.
5	To view the unit’s serial number, press <1>. Press <ESC> to return to the previous menu.
6	To view and/or reset the hour meters, press <2>. The values for hour meters 1 and 2 are displayed. <ul style="list-style-type: none"> • Press <1> to reset hour meter 1. • Press <2> to reset hour meter 2. • Press <ESC> to return to the previous menu.
7	To set the fuel tank size, press <3>. The current fuel tank setting and fuel level are displayed. <p>Use the up/down arrow keys to select a tank size option: 50, 75, 80, or 125 gallons. Press <ENTER> to store the setting in the controller. Press <ESC> to return to the previous menu.</p>
8	To set the low fuel warning level, press <4>. The fuel tank size, fuel level, and current warning level are displayed. <p>Use the number keys to enter a new warning level. Press <ENTER> to store the setting; press <ESC> to return to the previous menu.</p>

Other Operations

View and Delete Log Files

Description The “Retrieved File Status” option in the main menu displays the reefer or genset ID and log type of all log files that have been transferred to the LogMan II and allows you to permanently erase the log files.

The delete function is not normally used, however, because log files are deleted from the LogMan II after they have been transferred successfully to LogView.

Procedure Follow the steps below to view a list of the log files on the LogMan II.

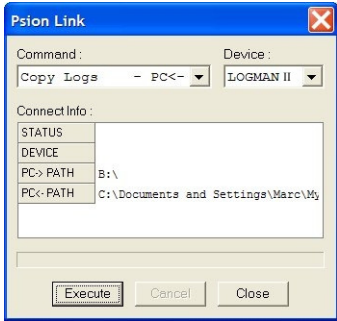
Step	Action
1	Start the LogMan II application.
2	Press <3> to select “Retrieved File Status”. The “Retrieved File Status” screen opens, listing all log files by ID and log type. Use the up/down arrow keys to scroll through the list.
3	To delete all log files permanently from the LogMan II, press <1>. Press <1> again at the confirmation prompt to delete the files, or press <ENTER> to cancel the operation.
4	Press <ESC> to return to the previous menu.

Transfer Logs to LogView

Description After transferring logs from reefer and genset controllers to the LogMan II, the log files are normally transferred to the LogView PC for storage, analysis, and report generation.

Note: Log files are deleted from the LogMan II after transfer to the PC.

Procedure To transfer logs from the LogMan II to the LogView PC, proceed as follows.

Step	Action
1	Place the LogMan II in the docking station and verify that the USB cable is connected to the docking station and the PC.
2	Start LogView.
3	Select the drive where you store log files from the Select Archive Drive dropdown list on the left side of the LogView window.
4	Open (double-click) the folder in which to save the log files in the Select Archive Path list box.
5	Select Retrieve > Psion Link from the LogView menu. The Psion Link dialog opens.
6	Select LOGMAN II from the DEVICE dropdown list in the Psion Link dialog. <div style="text-align: center;">  </div>
7	Select Copy Logs - PC< - from the Command dropdown list. Click Execute .
8	When the STATUS line reads Copy Finished , click Close .

Transfer Controller Firmware to LogMan II

Description The first step in updating controller firmware is to transfer the firmware update file from the LogView PC to the LogMan II.

Note: Contact the controller manufacturer for firmware updates.


Procedure Transfer controller firmware from your PC to the LogMan II as follows.

Step	Action
1	Place the LogMan II in the docking station and verify that the USB cable is connected to the docking station and the PC.
2	Start LogView.
3	Select the drive where you store controller firmware files from the Select Archive Drive dropdown list on the left side of the LogView window.
4	Open the folder containing the firmware files in the Select Archive Path list box.
5	Select Retrieve > Psion Link from the LogView menu.
6	Select LOGMAN II from the DEVICE dropdown list in the Psion Link dialog.
7	Select Copy CTRL SW – PC-> from the Command dropdown list. Click Execute .
8	When the STATUS field reads Copy Finished , the process is complete. Close the Psion Link dialog.


Update LogMan II Software

Introduction The LogMan II software is updated periodically to add support for new controllers and features. Software updates may be installed using LogView.

Copying software from CD-ROM The LogMan II software is included on the LogView installation CD-ROM. The software version is printed on the CD. Transfer the files to the LogView PC as follows.

Step	Action
1	Start by saving anything you are working on and closing all programs.
2	Insert the installation CD-ROM into your compact disk drive.
3	On most systems the YORK InstallManager opens automatically and you can proceed to the next step. If the InstallManager does not open, then do as follows. <ul style="list-style-type: none"> • From your Start menu click My Computer, or, from your desktop, double-click My Computer. • Double-click the compact disc drive in the list of storage drives and folders. If the InstallManager now opens, go to the next step. • Double-click the  icon. The InstallManager opens.
4	Click Install LogMan/RDC software .
5	Follow the instructions on screen to install the software.
6	Close the InstallManager window when installation is completed.

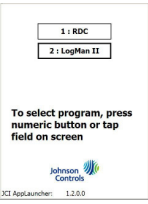
Installing Updates on PC The latest LogMan II software is available for download on the Internet from <http://www.myrefcon.com/>. It is distributed in a utility that copies the necessary files to the correct location on your PC. Transfer the files to the LogView PC as follows.

Step	Action
1	Download the LogMan II software distribution file and save it on your desktop.
2	When the download is completed, close your browser and any other programs that you have running after saving your work.
3	Double-click the installer icon  on your desktop.
4	Follow the onscreen instructions to copy the software files.
5	You may delete the distribution file when process is complete.

Continued on next page

Update LogMan II Software, Continued

Procedure To update the LogMan II software, proceed as follows.

Step	Action
1	Place the LogMan II in the docking station and verify that the USB cable is connected to the docking station and the PC.
2	Exit the LogMan II program on the LogMan II device, to the JCI Application launcher level. 
3	Start LogView.
4	Select the drive where you installed the new LogMan II software from the Select Archive Drive dropdown list on the left side of the LogView window. Typically C:\Program Files\YORK\LogMan II\
5	Select Retrieve > Psion Link from the LogView menu.
6	Select LOGMAN II from the DEVICE dropdown list in the Psion Link dialog.
7	Select Copy SW – PC-> from the Command dropdown list. Click Execute .
8	When the STATUS field reads Copy Finished , the process is complete. Close the Psion Link dialog.
9	Reboot the LogMan II by pressing and holding the blue <FN> key and the <ENTER> key for about five seconds.

Miscellaneous Functions

**Adjust Speaker
Volume**

Press the blue <FN> key and then use the up/down arrow keys to increase or decrease the volume.

Reboot Unit

If the LogMan II freezes, you can force it to restart by pressing and holding the blue <FN> key and the <ENTER> key for about five seconds.

Appendix

Document Revision Record

Rev.	Date	Author	Brief description of change	Pages affected
0.1	080116	MA	First draft for internal use	All
0.2	080117	MA	Edits and corrections per CE	3-5, 7, 9, 21, 24, 25
1.0	080604	CE	Table for supported Controllers is updated	7
1.1	080723	CE	Remaining document updated for supported Controllers	11-14
1.2	080912	CE	Procedure for update LogMan II software is corrected	24
1.3	080915	CE	Need for exit to AppLaunched added	24
1.4	090116	CE	Microlink 1 & μ P-A removed from Supported Controllers	3, 7, 11-14