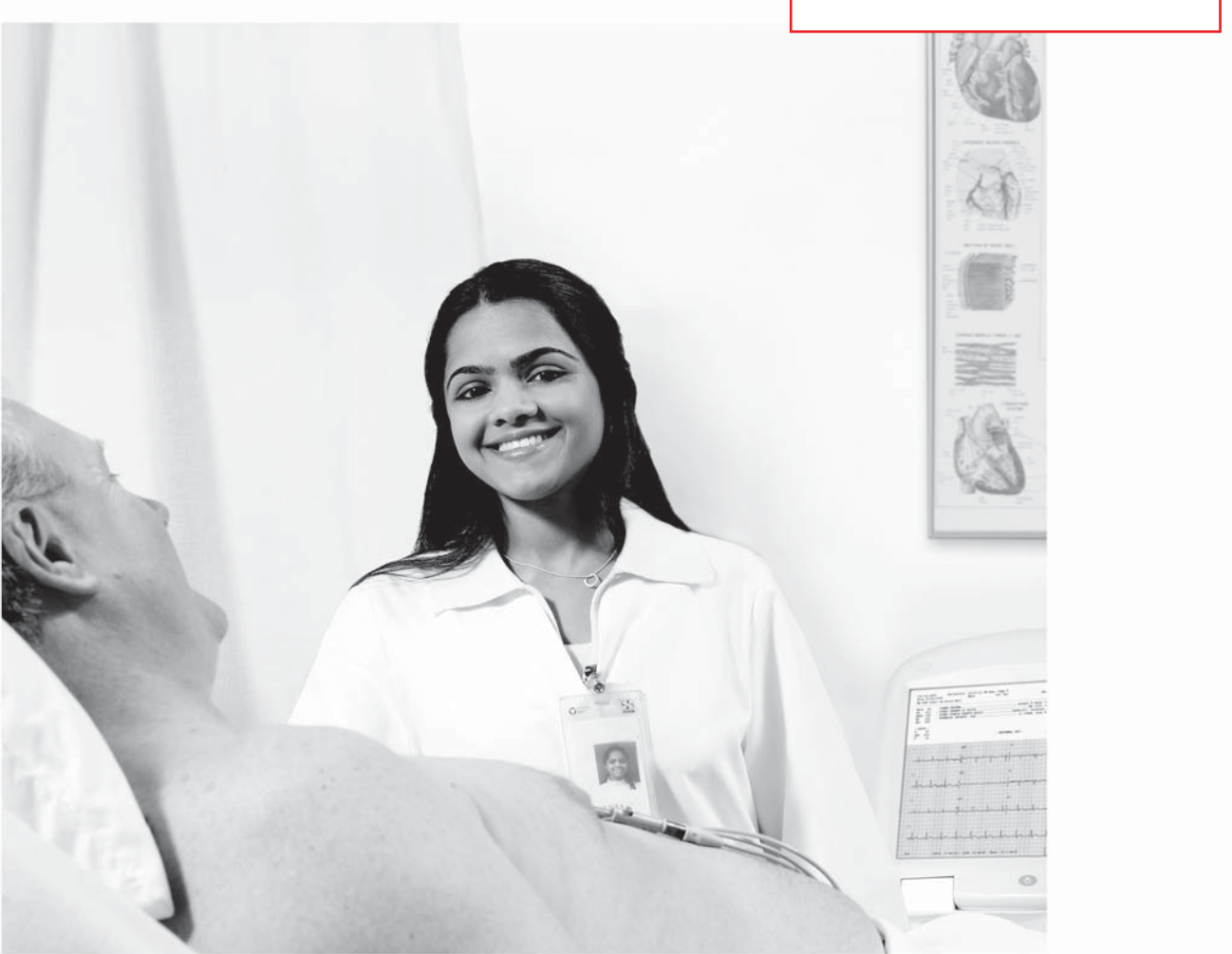


# PHILIPS

## Cardiac-06 EKG Machine



## USING ORDERVUE WITH PAGEWRITER CARDIOGRAPHS

Instructions for Use

## Notice

### About This Edition

Published by Philips Medical Systems

Printed in USA

Publication number  
453564038681

### Edition History

Edition 1, August 2006  
Edition 2, April 2007

### Warranty

Philips Medical Systems reserves the right to make changes to both this *Instructions for Use* and to the products that it describes. Product specifications are subject to change without notice.

Nothing contained within this *Instructions for Use* is intended as any offer, warranty, promise, or contractual condition, and must not be taken as such.

### Copyright

©2006-2007 Koninklijke Philips Electronics N.V. All rights are reserved. All other product names are the property of their respective owners.

Reproduction in whole or in part in any form, or by any means, electrical, mechanical or otherwise, is prohibited without the written consent of the copyright holder.

Philips Medical Systems  
3000 Minuteman Road  
Andover, MA 01810 USA  
(978) 687-1501

Unauthorized copying of this publication may not only infringe copyright laws, but may also reduce the ability of Philips Medical Systems to provide accurate and current information to users.

## Compliance

The Philips Medical Systems PageWriter Touch, PageWriter Trim III, and PageWriter Trim Rx cardiographs comply with all relevant international and national standards and laws.

Information on compliance will be supplied on request by a local Philips Medical Systems representative, or by the manufacturer.

### Intended Use of this Instructions for Use

The Philips products are intended to be operated only in accordance with the safety procedures and operating instructions provided in this *Instructions for Use*, and in accordance with the purposes for which they are designed. Installation, use, and operation of these products are subject to the laws in effect in the jurisdiction(s) in which the products are being used. Users must only install, use, and operate these products in such a manner that does not conflict with applicable laws or regulations that have the force of law. Use of these products for purposes other than the express intended purpose provided by the manufacturer, or incorrect use and operation, may relieve the manufacturer (or agent) from all or some responsibility for resultant non-compliance, damage, or injury.

United States federal law restricts these devices to use by or on the order of a physician. THESE PRODUCTS ARE NOT INTENDED FOR HOME USE.

## Training

Users of these products must receive adequate clinical training on the safe and effective use of the products before attempting to operate the products as described in this *Instructions for Use*.

Training requirements vary by country. Users must ensure that they receive adequate clinical training in accordance with local laws or regulations.

For further information on available training on the use of these products, please contact a Philips Medical Systems representative, or the manufacturer.

### Medical Device Directive

The PageWriter Touch cardiograph, PageWriter Trim III cardiograph, and PageWriter Trim Rx cardiograph comply with the requirements of the Medical Device Directive 93/42/EEC and carry the **CE**<sub>0123</sub> mark accordingly.

Authorized EU-representative:

Philips Medizin Systeme  
Böblingen GmbH  
Hewlett Packard Str. 2  
71034 Böblingen  
Germany

### Responsibility of Manufacturer


Philips Medical Systems only considers itself responsible for any effects on safety, reliability and performance of the M5100A TraceMasterVue server if:

- assembly operations, extensions, readjustments, modifications or repairs are done by persons authorized by Philips Medical Systems, and

- the electrical installation of the relevant room or vehicle complies with the IEC or national requirements, and
- the instrument is used according to the instructions for use presented in this manual.

### **European Directives**

This product consists of hardware and software. The hardware carries the CE mark based on the declarations provided in the User's Guide for the IT hardware.

The software is a class 1 medical device under the Medical Device Directive 93/42/EEC and carries the  mark accordingly.

### **WARNING**

As with all electronic equipment, Radio Frequency (RF) interference between the TraceMasterVue system and any existing RF transmitting or receiving equipment at the installation site, including electrosurgical equipment, should be evaluated carefully and any limitations noted before the equipment is placed in service.

Radio frequency generation from electrosurgical equipment and close proximity transmitters may seriously degrade performance.

Philips Medical Systems assumes no liability for failure resulting from RF interference between Philips Medical Systems medical electronics and any radio frequency generating equipment at levels exceeding those established by applicable standards.

## Chapter 1 Getting Started

---

Using OrderVue with the PageWriter Touch Cardiograph .....	1-1
Configuring PageWriter Touch version C.01 .....	1-1
Using OrderVue with other PageWriter Cardiographs. ....	1-1
Other Resources. ....	1-2
Philips 12-Lead ECG XML Information and Tools .....	1-3
Using the Philips InCenter Site. ....	1-3
Contacting a Philips Response Center .....	1-4
North America Response Centers .....	1-4
South America Response Centers. ....	1-4
Europe Response Centers. ....	1-4
Asia Response Centers .....	1-6
Africa and Middle East .....	1-6

## Chapter 2 Configuring Settings on the PageWriter Touch

### B.01 Cardiograph

---

Overview. ....	2-1
Configuring PageWriter Touch version C.01 .....	2-1
Configuring Other PageWriter Cardiographs with a TraceMasterVue ECG Management System. ....	2-2
Installing the Wireless LAN Card .....	2-2
Configuring Multiple Cardiographs .....	2-2
Configuration Steps. ....	2-3
About Network Settings. ....	2-3
Networking Overview .....	2-4
DHCP. ....	2-4
Fixed IP Address .....	2-4
Auto Negotiation. ....	2-4
Device IP Address .....	2-4
Ping Test. ....	2-4
Configuring Cardiograph Network Settings. ....	2-5
About Wired Ethernet and Wireless LAN Connectivity Using DHCP .....	2-6
Configuring Remote Site Settings .....	2-7
Configuring a Remote Site Network or a Remote Access Server (RAS) Connection with Modem .....	2-8
Remote Site Security Feature .....	2-9
Testing TraceMasterVue Remote Site Connectivity .....	2-11
Editing Remote Site Settings. ....	2-12

Configuring OrderVue Settings .....	2-13
Creating an Inbox .....	2-14
General Order Settings .....	2-15
Testing Order Inbox Connectivity .....	2-16
Editing Inbox Settings .....	2-16
Institution Settings .....	2-17
Special Note about Location Code (LOC) .....	2-17
Patient ID Settings .....	2-18
Patient ID Configuration Options .....	2-19
Configuring Patient Information .....	2-20
Configuring Clinical Information .....	2-21
Configuring Order Information .....	2-22
Configuring Additional Information .....	2-23
Configuring Optional, User Defined Patient ID fields .....	2-23
Configuring the User Defined Fields with OrderVue .....	2-24
Configuring the User Defined Fields for FDA XML Export .....	2-24
Patient ID Layout Settings .....	2-26

## Chapter 3 Using the WebSelect Utility

---

Special Note about WebSelect Utility Features .....	3-2
Opening the WebSelect Utility .....	3-2
The WebSelect Utility Main Screen .....	3-2
The WebSelect Utility Toolbar .....	3-3
Selecting and Downloading Orders .....	3-4
Downloading Orders for a PageWriter XLi cardiograph .....	3-5
Downloading Orders for a PageWriter Trim III or PageWriter Trim Rx Cardiograph .....	3-5
Downloading Orders for a PageWriter Touch Cardiograph .....	3-6
Special Note about the PageWriter Touch Cardiograph .....	3-6
Searching for Orders .....	3-7
Special Note About The Orders Search Feature .....	3-7

## Chapter 4 Using the Orders Feature on PageWriter Trim III

---

About Orders .....	4-1
Using the Order Screen .....	4-1
Entering New Orders .....	4-4
Deleting an Order .....	4-5
Editing an Order .....	4-5
Opening a Pending Order .....	4-6
Using the Orders Quick Search Feature .....	4-7

## Chapter 5 Using Orders and the Patient Directory on the PageWriter Trim Rx

---

About Orders .....	5-1
About the Patient Directory.....	5-1
Using the Order or Patient Directory Screen .....	5-1
Loading Subject Entries or Orders .....	5-3
Entering New Subject Entries or Orders .....	5-4
Deleting a Subject Entry or an Order .....	5-4
Editing a Subject Entry or Order .....	5-5
Selecting a Subject Entry or a Pending Order .....	5-6

## Chapter 6 Using the Orders Feature on the PageWriter Touch Cardiograph

---

Overview .....	6-1
Using the Orders Feature on PageWriter Touch version C.01 .....	6-1
About Order Inboxes.....	6-1
Using the Orders Screen .....	6-2
Order Information Columns .....	6-4
Downloading Orders to an Inbox .....	6-5
Loading Orders from a USB Memory Stick, PC Card, and Diskette.....	6-6
Searching for Orders .....	6-6
Searching for Orders Using Patient Information Scanned from a Barcode Reader or Magnetic Card .....	6-8
Manually Entering Orders with the Keyboard .....	6-9
Deleting Orders .....	6-10
Editing Orders.....	6-10
Selecting an Order to Begin a Patient Session .....	6-10

## Chapter 7 Using Orders on the PageWriter XLi Cardiograph

---

Configuring the PageWriter XLi for Use with the WebSelect Utility.....	7-1
Editing PageWriter XLi Orders on the WebSelect Utility .....	7-2
Downloading Orders to the PageWriter XLi .....	7-2

## Index

---

# Getting Started

This document describes how to use elements of the OrderVue order handling system with the PageWriter series of cardiographs, including the following models:

- PageWriter Touch cardiograph, with installed software B.01
- PageWriter Trim III cardiograph, with installed software version A.01.01
- PageWriter Trim Rx cardiograph, with installed software version A.01.01
- PageWriter XLi cardiograph

## Using OrderVue with the PageWriter Touch Cardiograph

The PageWriter Touch cardiograph with installed software version B.01 can connect directly to an OrderVue order handling system using a wireless LAN, Ethernet LAN, or modem connection, allowing for the automatic downloading of orders to the cardiograph. Instructions for configuring direct network or modem connectivity between the PageWriter Touch cardiograph and an OrderVue system are included in this document. Also included are instructions for using the orders feature on the cardiograph, including the ability to download, sort, and search for orders.

### Configuring PageWriter Touch version C.01

Instructions for configuring OrderVue and TraceMasterVue settings on the PageWriter Touch cardiograph with installed software version C.01 are not included in this document. The PageWriter Touch cardiograph with installed software version C.01 supports ECG data acquisition for up to 16 leads for both adult and pediatric application. For information on configuring OrderVue and TraceMasterVue settings with software version C.01, please see the *Using OrderVue with PageWriter Cardiographs*, part number 453564056511. This document will be available for download from the Philips InCenter site ([incenter.medical.philips.com](http://incenter.medical.philips.com)) as of June, 2007.

## Using OrderVue with other PageWriter Cardiographs

Orders can be manually loaded onto the PageWriter Trim III and Rx model cardiographs (with installed software version A.01.01) and the PageWriter XLi cardiograph using the WebSelect Utility application. The WebSelect Utility is a PC-based application that is used to manually

download orders to removable media (PC card, diskette, USB memory stick). The orders are then loaded directly on the cardiograph using the same removable media.

**NOTE** For information on the intended use of each product described in this instructions for use, consult the documentation that was supplied with the product.

## Other Resources

The following documents provide additional information on configuring and using the OrderVue order handling option, the TraceMasterVue ECG Management System, or the PageWriter series of cardiographs.

- *Installing TraceMasterVue and Configuring Communication*  
This comprehensive guide provides detailed information on installing the TraceMasterVue ECG Management System, and configuring connectivity between TraceMasterVue and the PageWriter series of cardiographs. This guide also provides worksheets and other tools that can be used when configuring an ECG workflow management solution.
- *Online Help System*  
Every TraceMasterVue utility and application provides its own online help system that provides detailed information about its use. To access the Help system, click **Help** in any utility or application to access the main table of contents.
- *Using OrderVue with TraceMasterVue*  
This document describes how to reconcile unmatched ECGs and orders within the TraceMasterVue client application. This guide also provides an overview of the order handling process, from entry into the HIS system to download to the cardiograph, and reconciliation in TraceMasterVue.
- *OrderVue Installation and Configuration Guide*  
This document describes how to install and configure the OrderVue system for use with your HIS, TraceMasterVue, and cardiographs. This guide is intended for use by system administrators.
- *PageWriter Touch Cardiograph Instructions for Use for B.01*  
This instructions for use provides information on all aspects of configuring, using, maintaining, and troubleshooting the PageWriter Touch cardiograph with installed software version B.01. This document is available on the PageWriter Touch Cardiograph User Documentation CD, or may be downloaded from the Philips InCenter site.
- *PageWriter Trim I/II/III Cardiograph Instructions for Use*  
This instructions for use provides information on all aspects of configuring, using, maintaining, and troubleshooting the PageWriter Trim III cardiograph. This document is available on the PageWriter Trim Cardiograph User Documentation CD, or may be downloaded from the Philips InCenter site.
- *PageWriter Trim Rx Cardiograph Instructions for Use*  
This instructions for use provides information on all aspects of configuring, using, maintaining, and troubleshooting the PageWriter Trim Rx cardiograph. This document is



available on the PageWriter Trim Rx Cardiograph User Documentation CD, or may be downloaded from the Philips InCenter site.

- *PageWriter Trim Cardiograph Wireless LAN Installation Instructions*  
This document describes how to install and configure the wireless LAN option for the PageWriter Trim cardiograph. This document is available on the PageWriter Trim Cardiograph User Documentation CD, or may be downloaded from the Philips InCenter site.
- *PageWriter Touch Cardiograph Wireless LAN Installation Instructions*  
This document describes how to install and configure the wireless LAN option for the PageWriter Touch Cardiograph. This document is available on the PageWriter Touch Cardiograph User Documentation CD, or may be downloaded from the Philips InCenter site.
- *PageWriter XLi Cardiograph User's Reference Guide*  
This guide provides detailed information on all aspects of configuring, using, maintaining, and troubleshooting the PageWriter XLi cardiograph. This document is available for download from the Philips InCenter site.

## Philips 12-Lead ECG XML Information and Tools

The PageWriter Touch, PageWriter Trim III, and PageWriter Trim Rx cardiographs all export 12-lead ECG data in XML (Extensible Markup Language) format. The XML schema for the Philips 12-Lead ECG files, along with a complementary suite of XML utilities and tools, are available for download from the Philips InCenter web site ([incenter.medical.philips.com](http://incenter.medical.philips.com)). An *XML Utility Suite Instructions for Use* is also available for download. This instructions for use describes how to install and configure the XML utilities. Check the InCenter site regularly for further information and updates to the XML Utility Suite.

**NOTE** The PageWriter XLi cardiograph cannot export ECG data in XML format is not compatible with the XML utilities and tools.

## Using the Philips InCenter Site

The Philips InCenter site provides frequent updates to all Philips Cardiac Systems product documentation and product software, including the PageWriter cardiographs, and the OrderVue order handling system.

The Philips InCenter site requires an active registration and password. To register, go to the InCenter site at: [incenter.medical.philips.com](http://incenter.medical.philips.com) and click on the **Need help?** link on the main page. On the following E Support page, click the **Click here for access to software updates and documentation for cardiology products** link located on the right side of the page. The Cardiac Systems InCenter Registration page appears. Complete all of the information fields on the page to receive a login and password for the InCenter site.

## Contacting a Philips Response Center

The Philips Response Center can assist with product troubleshooting and provide technical expertise to help with any issue with the PageWriter cardiographs or the OrderVue order handling system.

For more information on the Philips Response Center go to:

[www.medical.philips.com/main/services/response\\_center](http://www.medical.philips.com/main/services/response_center)

### North America Response Centers

Country	Telephone Number
Canada	(800) 323 2280
Mexico	01 800 710 8128
Puerto Rico	1 787 754 6811
United States	(800) 722 9377

### South America Response Centers

Country	Telephone Number
Argentina	54 11 4546 7698
Brazil	0800 701 7789
Chile	0800 22 3003
Columbia	01 8000 11 10 10
Peru	51 1 620 6440

### Europe Response Centers

Country	Telephone Number
United Kingdom	44 0870 532 9741 Fax: 44 01737 23 0550
Austria	43 1 60101 820
Belgium	32 2 525 7102 (French) 32 2 525 7103 (Flemish)
Czech Republic MCR Response Center (located in The Netherlands)	31 40 2781619
Denmark	45 80 30 30 35

**Europe Response Centers** *(continued)*

<b>Country</b>	<b>Telephone Number</b>
Finland	358 615 80 400
France	0 810 835 624
Germany	0180 5 47 5000
Greece MCR Response Center (located in The Netherlands)	31 40 2781619
Hungary MCR Response Center (located in The Netherlands)	31 40 2781619
Italy	0800 232100
Netherlands	31 40 27 211 27
Norway	47 800 84 080
Poland MCR Response Center (located in The Netherlands)	31 40 2781619
Rumania MCR Response Center (located in The Netherlands)	31 40 2781619
Russia MCR Response Center (located in The Netherlands)	31 40 2781619
Slovak Republic MCR Response Center (located in The Netherlands)	31 40 2781619
Spain	34 90 230 4050
Sweden	46 200 81 00 10
Switzerland	0800 80 3000 (German) 0800 80 3001 (French)

**Asia Response Centers**

<b>Country</b>	<b>Telephone Number</b>
Australia	1800 251 400
China	800 810 0038
Hong Kong	852 2876 7578
India	1600 112 444
Indonesia	62 21 7910040, ext 8610
Japan	81 (0)120 095 205
Korea	82 (0)2 3445 9010
Malaysia	1800 886 188
New Zealand	0800 251 400
Philippines	63 2 8162617 ext. 875
Singapore	1800 Philips
Taiwan	0800 005 616
Thailand	66 (0)2 614 3569

**Africa and Middle East**

<b>Country</b>	<b>Telephone Number</b>
All countries MCR Response Center (located in The Netherlands)	31 40 2781619

---

# Configuring Settings on the PageWriter Touch B.01 Cardiograph

## Overview

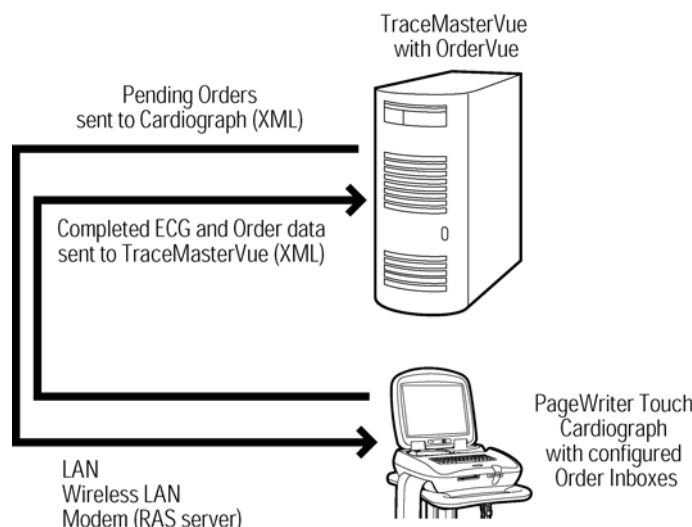
The PageWriter Touch cardiograph (with installed software version B.01) can be configured to download orders directly from a TraceMasterVue ECG Management System that has OrderVue order handling software option installed. The downloading of orders to the cardiograph can be done with a wireless LAN, Ethernet LAN, or modem connection. Order results and ECG data are then uploaded from the cardiograph back to the TraceMasterVue ECG Management System for reconciliation and processing.

All of the settings necessary to configure cardiograph connectivity with the TraceMasterVue system are included in this chapter. For information on configuring general cardiograph default settings, see Chapter 3 of the *PageWriter Touch Cardiograph Instructions for Use*. The file is available for download from the InCenter site ([incenter.medical.philips.com](http://incenter.medical.philips.com)). For information on using the InCenter site, see "Using the Philips InCenter Site" on page 1-3. All configuration of TraceMasterVue and OrderVue settings on the cardiograph are completed on the Configuration screens, accessed by touching the **Config** button on the main Command Toolbar.

## Configuring PageWriter Touch version C.01

Instructions for configuring OrderVue and TraceMasterVue settings on the PageWriter Touch cardiograph with installed software version C.01 are not included in this document. The PageWriter Touch cardiograph with installed software version C.01 supports ECG data acquisition for up to 16 leads for both adult and pediatric application. For information on configuring OrderVue and TraceMasterVue settings with software version C.01, please see the *Using OrderVue with PageWriter Cardiographs*, part number 453564056511. This document will be available for download from the Philips InCenter site ([incenter.medical.philips.com](http://incenter.medical.philips.com)) as of June, 2007.

**Figure 2-1 PageWriter Touch Cardiograph and TraceMasterVue ECG Management System Orders Workflow**



## Configuring Other PageWriter Cardiographs with a TraceMasterVue ECG Management System

For more detailed information on configuring the PageWriter Touch or other PageWriter cardiographs with a TraceMasterVue ECG Management System, see the *Installing TraceMasterVue and Configuring Communication Guide* available for download from the Philips InCenter web site ([incenter.medical.philips.com](http://incenter.medical.philips.com)). For information on using the Philips InCenter web site, see page 1-3.

## Installing the Wireless LAN Card

If a wireless LAN card will be used with the cardiograph, see the *PageWriter Touch Cardiograph Wireless LAN Installation Instructions* included on the User Documentation CD, or download the file from the Philips InCenter web site ([incenter.medical.philips.com](http://incenter.medical.philips.com)). For information on using the Philips InCenter web site, see page 1-3.

## Configuring Multiple Cardiographs

When configuring multiple cardiographs with the same TraceMasterVue and OrderVue settings, all settings may be saved to a PC card, diskette, or to a USB memory stick, and then uploaded to additional cardiographs. It is recommended that all cardiograph settings included in this chapter and in Chapter 3 of the *PageWriter Touch Cardiograph Instructions for Use* be configured on the cardiograph before saving the settings as a *custom settings* file. For information on creating a custom settings file, see “Saving Custom Settings” on page 3-40 of the *PageWriter Touch Cardiograph Instructions for Use*.

**NOTE** Wireless LAN card settings specified in the Aironet Client Utility (ACU) are saved with the configuration settings file.

## Configuration Steps

There are six key steps that must be completed in order to configure connectivity between a PageWriter Touch cardiograph and a TraceMasterVue ECG Management System. These steps must be followed in the order listed in Table 2-1.

**Table 2-1 Steps to Configure PageWriter Touch Cardiograph Connectivity with a TraceMasterVue ECG Management System**

Step	Description	For more information, see...
1	Configure Wireless LAN Settings (if necessary); test wireless LAN connectivity	The <i>PageWriter Touch Cardiograph Wireless LAN Installation Instructions</i> provided with the client adapter. The instructions may also be found on the User Documentation CD, or downloaded from the Philips InCenter site at ( <a href="http://incenter.medical.philips.com">incenter.medical.philips.com</a> ).
2	Configure wired Ethernet LAN settings (if necessary)	“Configuring Cardiograph Network Settings” on page 2-5.
3	Configure TraceMasterVue Server settings, called <i>Remote Site</i> settings; test Remote Site connectivity	“Configuring Remote Site Settings” on page 2-7.
4	Configure OrderVue settings; test order connectivity	“Configuring OrderVue Settings” on page 2-13.
5	Configure Institution Identification Information	“Institution Settings” on page 2-17.
5	Configure Patient ID settings	“Patient ID Settings” on page 2-18.

## About Network Settings

The settings described in this section include the network protocol settings used with the wired or wireless network LAN connection. The network settings on the cardiograph support TCP/IP protocol using a static IP address, dynamic IP address, or a DNS or WINS server. The network settings also allow for specifying Ethernet data transmission settings. This setting can be specified to Auto Negotiation (default setting), or to a manual transmission rate setting with Full or Half Duplex. See “Auto Negotiation” on page 2-4 for more information on data transmission rates and the PageWriter Touch cardiograph.

## Networking Overview

The PageWriter Touch cardiograph communicates with the TraceMasterVue ECG Management System using a wired or wireless network connection, or a modem connection. In the cardiograph network configuration settings, all TCP/IP settings are configurable based on the specific needs of the clinical environment. Both DHCP (Dynamic Host Configuration Protocol) and fixed IP (Internet Protocol) address settings are available.

### DHCP

With DHCP, the LAN automatically provides a dynamic IP address to the cardiograph. The LAN records the unique MAC (Media Access Control) address of the cardiograph and provides a temporary DHCP IP address.

### Fixed IP Address

Fixed IP addresses allow the cardiograph to be recognized throughout a network. With a fixed IP address, the cardiograph will be recognized at multiple locations throughout a LAN, and will not require that the IP address be reset in order to be recognized. Using fixed IP addresses will also avoid the problem of having multiple IP addresses assigned to a single cardiograph.

### Auto Negotiation

When the cardiograph is connected to a LAN using Auto Negotiation, it automatically configures the correct settings for Ethernet speed and mode (half or full duplex). If the auto-negotiation fails, it may be necessary to lock a specific switch or router port to a fixed setting (for example, 100BaseT Full Duplex) in order to obtain a connection.

Issues with the timing of the PageWriter Touch Auto Negotiation have been reported with certain CISCO switches (such as the CISCO 4506). To obtain a LAN connection with these switches, the specific LAN port and the port on the PageWriter Touch cardiograph may have to be locked down with fixed Ethernet port settings using the **Ethernet Adapter** settings available on the Network configuration screen. The cardiograph should only be connected to these locked down ports.

For more information on networking options or to troubleshoot specific networking issues, consult your network administrator.

### Device IP Address

The **Device IP Address** feature displays the current IP address for the cardiograph. The IP address is automatically refreshed each time that the cardiograph is fully reset. This feature may also be useful when configuring the cardiograph with a TraceMasterVue ECG Management System. On the Network Configuration screen (the Network tab is selected), touch the **Wire Network** or **Wireless Network** tab (right side of screen) to view the IP address information for each type of network connection.

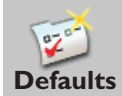
### Ping Test

The **Ping Test** feature can be used to test or to troubleshoot a cardiograph network connection. For information on using the Ping Test, see "Testing TraceMasterVue Remote Site Connectivity" on page 2-11.



# Configuring Cardiograph Network Settings

If assistance is required with any of the settings described in this section, please consult your network administrator. If you are configuring a wireless LAN card with the cardiograph, follow the instructions contained in the *PageWriter Touch Cardiograph Wireless LAN Installation Instructions* found on the User Documentation CD, or download the file from the Philips InCenter site ([incenter.medical.philips.com](http://incenter.medical.philips.com)).



## To configure cardiograph network settings:

- 1 Touch the **Config** button on the Command Toolbar.
  - 2 Touch the **Defaults** button on the Configuration Context Toolbar.
  - 3 Touch the **Network** tab (top of screen). The selected tab is indicated in blue.
  - 4 Under **Network ID** touch the field next to **Computer Name**. The cursor appears in the field. Type in a unique name to identify the specific cardiograph on the network (up to sixteen letters or numbers). The **Computer Name** is a required field and cannot be left blank.
- NOTES** The **Computer Name** field cannot be left blank and cannot contain any special characters. This field can only contain the letters A-Z or the numerical digits 0-9.
- Do not enter spaces in the **Computer Name** field. If any spaces are entered, the entered Computer Name will be replaced with the text **WinCE**.
- 5 Select the **Wire Network** or **Wireless Network** tab (right of screen). The selected tab is indicated in blue.
  - 6 If a static IP address is available on the network, select **Specify IP Address**. If the network supports DHCP (Dynamic Host Configuration Protocol) select **Obtain IP Address Automatically**. Touch the text to select the radio button. For more information on these settings, see your network administrator.
  - 7 If **Specify IP Address** is selected, touch the first field next to **IP Address**. The cursor appears in the field. Type in the first number of the IP address, no separating period (.) is required. Press the *Tab* key (on keyboard) to scroll between the fields. Continue to enter information for the **Subnet Mask**, and **Default Gateway** fields.
  - 8 If **Obtain IP Address Automatically** is selected, touch the first field next to **Primary DNS Server**. The cursor appears in the field. Type in the first number of the address, no separating period (.) is required. Press the *Tab* key (on keyboard) to scroll between the fields. Enter information for the **Primary WINS** field. Both of these fields are optional.
  - 9 If configuring a wired connection, under **Ethernet Adapter**, select either **Auto Negotiate Settings** (default setting) or manually specify the Ethernet transmission settings by selecting **Manual Settings** and then selecting the specific transmission settings (mbps transmission rate and duplex settings). For more information on these settings, see your network administrator.
  - 10 The cardiograph must restart to apply the new network settings. Touch another Configuration tab (top of screen). The selected tab is indicated in blue. The **Save Network**

**Settings** dialog box appears. Touch **Yes** to apply the new network settings. The cardiograph restarts and the new network settings are applied.

**NOTE** Touching the **No** button on the **Save Network Settings** dialog box discards the selected network settings.

## About Wired Ethernet and Wireless LAN Connectivity Using DHCP

If the PageWriter Touch cardiograph is configured to support both a wired Ethernet and wireless LAN connection using DHCP, connectivity issues may occur when the Ethernet LAN cable is disconnected from the cardiograph, and the wireless LAN card is either already inserted into the PC card slot, or it is inserted at a later time. In both instances, the wireless LAN card will be unable to associate to an access point once the Ethernet LAN cable is disconnected from the cardiograph.

If the cardiograph must support both a wired and wireless connection using DHCP, follow the procedure below to modify the Ethernet LAN settings when switching from the wired Ethernet to a wireless LAN connection.

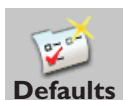
Please note that both the wired Ethernet and wireless LAN connection using DHCP will function normally when the Ethernet LAN cable is connected to the cardiograph.



**CONFIG**

### To modify the wired Ethernet LAN settings:

- 1 Touch the **Config** button on the Command Toolbar.
- 2 Touch the **Defaults** button on the Configuration Context Toolbar.
- 3 Touch the **Network** tab (top of screen). The selected tab is indicated in blue.
- 4 Touch the **Wire Network** tab. If the wired network settings are configured for DHCP, the **Obtain IP Address Automatically** option is selected. To use a wireless LAN connection with DHCP, the wired network settings will need to be changed to a static IP address. Select the **Specify IP Address** option.
- 5 In the **IP Address** field, enter **0** into each field, to configure an IP address of **0.0.0.0**. No separating period (.) is required.
- 6 In the **Subnet Mask** field enter **255** into each of the first three fields, and then enter **0** into the last field to configure a Subnet Mask address of **255.255.255.0**.
- 7 Touch the **R/T ECG** button. The **Save Network Settings** window appears. Touch the **Yes** button to apply the new network settings. The cardiograph automatically restarts. The new network settings are applied, and the entered static IP address for the wired connection is seen on the Network configuration screen under **Device IP Address (Wired Network)**. Touch the **Wire Network** or **Wireless Network** tab (right side of screen) to view the current IP address information for each connection.

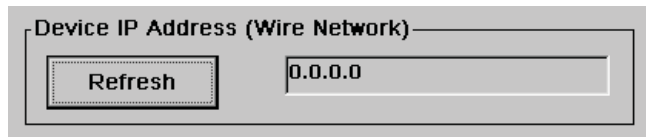


**Defaults**



**R/T ECG**

**Figure 2-2 Device IP Address Information showing Static IP Address for Wired Ethernet LAN Connection**



The screenshot shows a configuration window titled "Device IP Address (Wire Network)". Inside the window, there is a button labeled "Refresh" on the left and a text input field on the right containing the IP address "0.0.0.0".

- 8 To reestablish the wired Ethernet LAN settings with DHCP, return to the Network settings screen in Configuration and select the **Obtain IP Address Automatically** setting, and then reenter all DHCP settings.

## Configuring Remote Site Settings

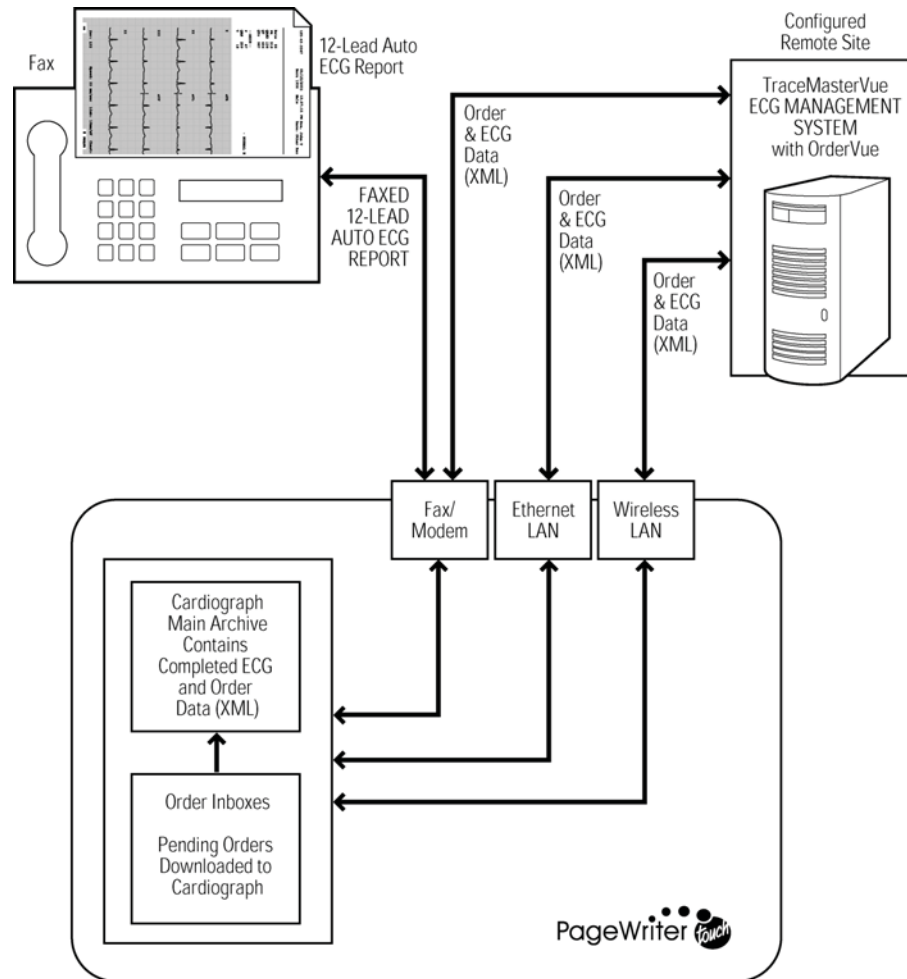
The Remote Sites feature on the cardiograph is used to configure the connectivity settings used with a specific TraceMasterVue ECG Management System server. TraceMasterVue ECG Management System Remote Sites (one or more) transmit ECG and order data to the cardiograph, and receive ECG and order data from the cardiograph. ECG and order data transmission to and from a Remote Site can be done with a modem, or with a wireless or wired network connection.

For more comprehensive information on configuring Remote Sites with a PageWriter Touch or other Philips cardiographs, see the *Installing TraceMasterVue and Configuring Communication Guide* available for download from the Philips InCenter site ([incenter.medical.philips.com](http://incenter.medical.philips.com)).

The following illustration provides an overview of how ECG and order data can be transferred between a cardiograph and a TraceMasterVue ECG Management System.

For information on configuring fax transmission from the cardiograph, see Chapter 3 of the *PageWriter Touch Cardiograph Instructions for Use*. The file is available for download from the InCenter site ([incenter.medical.philips.com](http://incenter.medical.philips.com)).

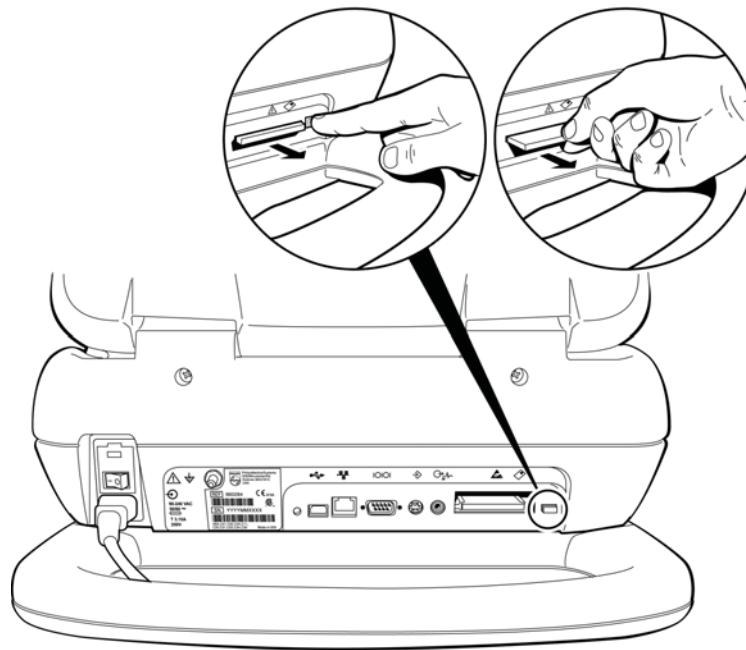
**Figure 2-3 PageWriter Touch to TraceMasterVue Remote Site Transfer**



Configured TraceMasterVue Remote Sites appear in the **Selected Archive** drop-down list on the Archive screen. The Archive is used to transmit ECGs to and from the cardiograph, and to search a configured Remote Site for ECGs to save to the cardiograph and to print on the cardiograph. For more information on using the Archive to transmit ECGs to TraceMasterVue, see Chapter 8 “Transferring ECGs and Using the Archive” the *PageWriter Touch Cardiograph Instructions for Use*.

## Configuring a Remote Site Network or a Remote Access Server (RAS) Connection with Modem

The cardiograph transmits ECG and order data to a TraceMasterVue ECG Management System using a wired or wireless network connection, or through a Remote Access Server (RAS) connection using a modem. The cardiograph uses a PCMCIA card modem inserted into the PC card slot on the rear of the cardiograph.

**Figure 2-4 Using the PC Card Slot**

For information on compatible PCMCIA card modems used outside of the USA and Canada, contact the nearest Philips Response Center (see page 1-4) or your local distributor.

---

**WARNING** Never connect the modem card to a phone line when the cardiograph is connected to a patient.

---

### Remote Site Security Feature

The cardiograph offers a Secure Sockets Layer (SSL) encryption protocol feature for the secure transmission of ECG and order data between a TraceMasterVue Remote Site and the cardiograph. The SSL security feature is applied to both LAN and modem connections.

**NOTE** The SSL security feature should only be enabled on the cardiograph when it is enabled on the TraceMasterVue server that contains the configured Remote Site. For more information, consult your System Administrator. Do not enable this setting on the cardiograph only.

#### To configure a remote site with a network or modem connection:

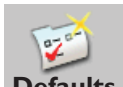
- 1 If configuring a modem card, push the On/Standby button on the cardiograph to put the cardiograph into Standby.

**NOTE** The cardiograph will not recognize the modem card if the cardiograph is placed in QuickStart.

- 2 Insert the PC card modem into the PC card slot on the rear of the cardiograph.
- 3 Touch the On/Standby button to return the cardiograph to active use.
- 4 Touch the **Config** button on the Command Toolbar.
- 5 Touch the **Defaults** button on the Configuration Context Toolbar.



**CONFIG**



**Defaults**

- 6 Touch the **Remote Sites** tab (top of screen). The selected tab is indicated in blue.
- 7 Under **Remote Sites Archive** touch the **Network** radio button to select it. The Network configuration screen appears.

**NOTE** For information on configuring the fax feature, see Chapter 3 of the *PageWriter Touch Cardiograph Instructions for Use*.

- 8 Select or clear the check boxes for **Receive (Query)** and **Copy/Transfer** (left of screen). The **Receive (Query)** feature allows the user to search the configured TraceMasterVue Remote Site for ECGs to download and print on the cardiograph. The **Copy/Transfer** feature allows the user to transfer ECGs to the Remote Site.
- 9 Touch the **Network** tab (right side of screen). Touch the field next to **Server URL** (required field that must be completed). The cursor appears in the field. Type in the URL address of the TraceMasterVue file server URL.

**NOTE** The TraceMasterVue file server address uses the TraceMasterVue computer name or IP address, and ends with EMSCOMM. For example, some valid URL addresses are http://tracemaster/EMSCOMM or http://10.101.2.42/EMSCOMM/.

- 10 Touch the field next to **User Name**. The cursor appears in the field. Type in the user name. If a modem connection is used for the specified Remote Site, the domain name, which is the computer name of the TraceMasterVue (RAS) server, must be entered along with the user name. For example, if the domain name for the Remote Site is **TMVue1**, and the user name is **pwt**, enter **TMVue1/pwt** into the User Name field. The same Domain name is entered into the **Domain** field under the **Net Connect** tab.

**NOTE** The user name specified must be a member of a TraceMaster group that has View privileges to TraceMasterVue.

- 11 Touch the field next to **Password**. The cursor appears in the field. Type in the password assigned to the specified user.
- 12 Select the **Enable SSL Security** check box to enable the Secure Socket Layer (SSL) encryption protocol. This setting is applicable for both LAN and modem connections.

**NOTE** The SSL security feature should only be enabled on the cardiograph when it is also enabled on the TraceMasterVue server that contains the configured Remote Site. For more information, consult your System Administrator. Do not enable this setting on the cardiograph only.

- 13 Touch the **Net Connect** tab (top right of screen). The selected tab is indicated in blue. Select **Always Connected** (LAN, wireless LAN) or **Dial-up** (modem) connection. Touch the text to select the radio button. If selecting the **Always Connected** setting, proceed to step 20.
- 14 If **Dial-up** (modem) connection is selected, touch the drop-down arrow button next to **Dialing Devices** (required field that must be completed) to display the drop-down list.
- 15 Select the US Robotics 56K modem card (or other installed modem card). If the exact model name of your modem is not listed, select **Standard Modem**. Do not select **Hayes-Compatible Modem**.
- 16 Touch the field next to **Phone** (required field that must be completed). The cursor appears in the field. Enter the TraceMasterVue RAS server modem telephone number.

- 17 Touch the field next to **User Name** (required field that must be completed). The cursor appears in the field. Enter a valid user account that has permission to log in through RAS.

**NOTE**

If the specified user name is not configured for RAS access, the user will be unable to transmit ECGs or perform interactive queries to TraceMasterVue using the modem RAS connection.

- 18 Touch the field next to **Password**. The cursor appears in the field. Enter the password for the specified user name.
- 19 Touch the field next to **Domain**. The cursor appears in the field. Enter the domain name for the TraceMasterVue (RAS server).
- 20 At the top of the screen a check mark and the word **Modified** (in blue) appears. Touch the **Add New** button. The **Add New Remote Site** window appears.
- 21 Enter a name for this Remote Site and touch the **OK** button. The Remote Site appears in the **Remote Sites Archive** drop-down list (top of screen) and may be selected in the Archive.

**CAUTION**

Do not add blank spaces to the Remote Site name or the modem connection may not connect to the TraceMasterVue ECG Management System.



The new settings are applied. Proceed to test connectivity with TraceMasterVue. Or, touch the **R/T ECG** button to return to normal cardiograph operation.

## Testing TraceMasterVue Remote Site Connectivity

Follow the procedure below to test the connectivity settings between the PageWriter Touch cardiograph and the newly defined TraceMasterVue Remote Site.



### To ping the TraceMasterVue server from the PageWriter Touch cardiograph:

- 1 Touch the **Config** button on the Command Toolbar.
- 2 Touch the **Defaults** button on the Configuration Context Toolbar.
- 3 Touch the **Network** tab (top of screen). The selected tab is indicated in blue.
- 4 Under **Network Test**, type in the IP address of the TraceMasterVue server in the **IP Address** field.
- 5 Touch the **Ping** button. If the test succeeds, proceed to the next step. If the test fails, consult your network administrator for further networking assistance.
- 6 Touch the **Orders** tab (top of screen). The selected tab is indicated in blue. Under **Search Parameters** (middle of screen), touch the drop-down arrow or the displayed Remote Site name to open the drop-down list.
- 7 Touch the new Remote Site to select it. The selected Remote Site appears highlighted on the drop-down list.
- 8 Touch the **Test Search** button (right side of screen). The Test Search window appears. The selected Remote Site is shown in the **Remote Orders Server** drop-down list.





- 9 Touch the **Refresh** button under **Server Folders** (middle of screen). The Server Folders are OrderVue Outboxes that are available on the TraceMasterVue Remote Site. Touch a specific Outbox to select it for the test.
- 10 Enter information into the applicable **Patent Data** or other fields. This information will be used to search for orders. Use the wildcard character (\*) to expand the search criteria. Enter as much information as necessary to retrieve an order from the selected Outbox.
- 11 When done, touch the **Search** button (bottom of screen). Orders that match the entered search criteria appear on the screen. If the test is successful, proceed to the next section, “Configuring OrderVue Settings” on page 2-13. If the test is not successful and no orders appear on the screen, try entering more specific search information, or consult your network administrator if network connectivity issues occur.

## Editing Remote Site Settings

### To change remote site network or modem settings:

- 1 Touch the **Config** button on the Command Toolbar.
- 2 Touch the **Defaults** button on the Configuration Context Toolbar.
- 3 Touch the **Remote Sites** tab (top of screen). The selected tab is indicated in blue.
- 4 Under **Remote Sites Archive** touch the drop-down arrow button to display the drop-down list of configured TraceMasterVue Remote Sites.
- 5 Touch the Remote Site to select it. The settings for the selected Remote Site appear on the screen.
- 6 Make changes to the Remote Site settings as necessary.
- 7 When all changes are complete, a check mark and the word **Modified** (in blue) appears at the top of the screen. Touch the **Save** button to save the changes to the selected Remote Site.



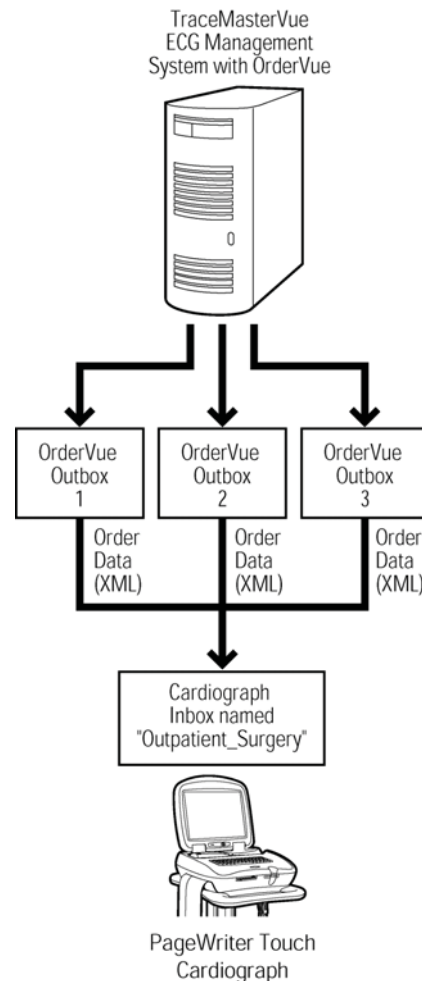
The new settings are applied. Touch the **R/T ECG** button to return to normal cardiograph operation.



## Configuring OrderVue Settings

The OrderVue order handling software that resides on the TraceMasterVue ECG Management System has a specific group of settings that need to be defined on the cardiograph. These settings determine what orders are assigned to a specific *Inbox* on the cardiograph, and what functions are available for this specific Inbox. An Inbox resides solely on the cardiograph, and may consist of several OrderVue Outboxes. A cardiograph Inbox can be assigned any name that gives meaning to the cardiograph user, or provides meaning within a larger configured orders system.

**Figure 2-5 OrderVue Outbox to Cardiograph Inbox configuration**



Briefly, the configuration process for OrderVue settings on the cardiograph includes the following steps:

- 1 Ensure that all TraceMasterVue Remote Site settings are accurate and complete.
- 2 Test the connectivity between the cardiograph and the configured TraceMasterVue Remote Site. If it is successful, proceed to configure OrderVue settings on the cardiograph.
- 3 On the Orders screen in Configuration, select a TraceMasterVue Remote Site.

- 4 Select the applicable OrderVue Outbox(es) from the selected Remote Site that will be accessed by the cardiograph.
- 5 Assign functions to the selected OrderVue Outbox(es). These functions define:
  - what orders are specified to be downloaded to the cardiograph; the orders can be sorted by status (new or all), priority (STAT or all others) and when the orders are due (the current day only, or the current day and the following day, or other options)
  - If amended or updated orders downloaded to the cardiograph replace the existing order, or are added to the list as a new order
  - If the assigned cardiograph user is permitted the ability to download orders only, or is permitted access to download and search for orders
- 6 All of the settings defined in this process are contained in an individual *Inbox*. The Inbox is then given a name. This name can be any name that provides meaning to the cardiograph user; a single cardiograph Inbox may consist of several different OrderVue Outboxes.
- 7 Conduct a test search for orders for the new Inbox.
- 8 Select general order settings, including settings for orders loaded onto the cardiograph from removable media (diskette, PC card, USB memory stick), not using a network or modem connection. These orders originate from the WebSelect Utility application.

## Creating an Inbox

Follow the procedure below to create an order Inbox on the cardiograph.



**CONFIG**



**Defaults**

### To create an Inbox:

- 1 Touch the **Config** button on the Command Toolbar.
- 2 Touch the **Defaults** button on the Configuration Context Toolbar.
- 3 Touch the **Orders** tab. The selected tab is indicated in blue. The Orders configuration screen appears.
- 4 Select a configured TraceMasterVue Remote Site from the **Remote Orders Inboxes** drop-down list. Touch the drop-down arrow button or the displayed Remote Site name to open the drop-down list.
- 5 Touch a Remote Site to select it.
- 6 Touch the **Refresh** button under **Available Remote Site Folders** (bottom of screen) to display the OrderVue Outboxes available on the Remote Site.
- 7 Touch an OrderVue Outbox name to select it. Multiple Outboxes can be selected. All Outboxes selected will be configured into a single Inbox. Once selected, the Outboxes appear under **Selected Remote Site Folders** (middle of screen). Touch the **Clear Selection** button to clear the selected Outbox(es).
- 8 Under **Status**, touch an entry to select which orders are downloaded to the Inbox. The **<All>** option downloads all orders to the Inbox. The **New** option only downloads orders

that are new in the system, and that have not previously been downloaded to the cardiograph.

- 9 Under **Priority**, touch an option to select the priority level for orders downloaded to the Inbox. The **<All>** option downloads all orders, regardless of their priority. The **STAT** option only downloads orders that are designated with a STAT priority.
- 10 The **+/- Elapsed Time** setting designates the originating time period for orders downloaded to the Inbox. For example, orders that are scheduled for the current day, or the following week can be designated for download to the Inbox. This feature can be set in units of hour or days. The range that this feature can be set for is from up to 99 hours or days previous to the current time or date, or 99 hours or days ahead of the current time or date. To designate a range of hours or days in the past, enter - and then the number of hours or days. For example, to enter up to 8 days or hours in the past, enter **-8**. To enter up to 8 days or hours in the future, enter **+8**. This value also determines the time or date range in which users can search for orders (if the search feature is enabled).

**NOTE** Entering **0** into the field does not require a **+** or **-** sign, and only allows for the download and search of orders for the current hour or day.

- 11 Under **Inbox List Assignments**, select the **Get Orders** check box to allow the user to download orders to the Inbox. Select the **Find Orders** check box to allow the user to search for orders.
- 12 Under **Update Mode**, select **Delete and Replace** to have all existing orders deleted from the Inbox each time that orders are downloaded, or select **Append** to have the new or updated orders added to the bottom of the Pending Orders List (no existing orders are deleted).
- 13 At the top of the screen, a blue check mark and the word **Modify** appears. Touch the **Add New** button to create a new Inbox with the selected settings. The Add Remote Orders Inbox window appears. Enter a name for the Inbox. Touch **OK** when done. The new Inbox appears on the **Remote Orders Inboxes** pull-down list (top of screen). Proceed to the next section to specify general order settings.

## General Order Settings

Follow the procedure below to specify settings that apply to all Inboxes, and that apply to all orders that are manually downloaded to the cardiograph using a USB memory stick, PC card, or diskette. These orders originate from the WebSelect Utility application. For information on using the WebSelect Utility application, see "Using the WebSelect Utility" on page 3-1.

### To specify general order settings:

- 1 Under **PC Card, Floppy, USB** (right side of screen), select **Delete and Replace** to delete all existing orders stored on the cardiograph that originate from removable media whenever new orders are downloaded to the cardiograph from removable media. Select **Append** to add the new orders to the existing Pending Orders List (no existing orders are

deleted). This setting is only applicable to orders that are downloaded to the cardiograph from removable media.

- 2 The **Delete Order after Archiving the ECG** option automatically deletes an order from an Inbox once the ECG associated with the order is taken and saved to the Archive. Touch the text to select the checkbox. Now, proceed to the next section to test order connectivity with the new Inbox.

## Testing Order Inbox Connectivity

Test the connectivity settings of a newly created Order Inbox following the procedure described below.

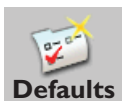


### To test Order Inbox connectivity:

- 1 Touch the **R/T ECG** button to exit the Configuration screens.
- 2 Touch the **Orders** button. The Orders screen appears.
- 3 Touch the **Find Orders** button (top of screen). The Find Order window appears.
- 4 The **Remote Orders Inbox** drop-down list appears at the top of the screen. If the newly created Inbox is not selected on the drop-down list, touch the drop-down arrow button, or the displayed Inbox name to open the drop-down list. Select the newly created Inbox (if necessary).
- 5 Enter search information into the applicable **Patent Data** fields. This information will be used to search for orders. Use the wildcard character (\*) to expand the search criteria. Enter as much information as necessary to retrieve an order.
- 6 Touch the **Find Network Orders** button. Orders that match the entered search criteria appear on the screen.
- 7 If the test is successful, proceed to the next section, “Institution Settings” on page 2-17. If the test is not successful and no orders appear on the screen, try entering more search information, or consult your network administrator if network connectivity issues occur.

## Editing Inbox Settings

Follow the procedure below to edit setting for a configured Inbox.



### To edit Inbox settings:

- 1 Touch the **Config** button on the Command Toolbar.
- 2 Touch the **Defaults** button on the Configuration Context Toolbar.
- 3 Touch the **Orders** tab. The selected tab is indicated in blue.
- 4 Under **Remote Orders Inbox** (top of screen), touch the drop-down arrow button or the displayed Inbox name to open the drop-down list. Select an Inbox.
- 5 The settings for the selected Inbox appear on the screen. Edit the settings as necessary.
- 6 When done, a blue check mark and the word **Modified** appears at the top of the screen. Touch the **Save Changes** button to save the new settings to the selected Inbox. Touch the

**Add New** button to create a new Inbox with the displayed settings. Touch the **Delete** button to delete the selected Inbox.

## Institution Settings

The optional settings in this section provide information about the location of a specific cardiograph. The information entered into this section must be consistent with the location information defined on TraceMasterVue. For more detailed information on configuring and mapping location information on TraceMasterVue and throughout a mixed fleet of cardiographs, see the *Installing TraceMasterVue and Configuring Communication Guide* available for download from the Philips InCenter web site ([incenter.medical.philips.com](http://incenter.medical.philips.com)).

This location-specific information is transferred with the ECG data, and appears on the printed ECG report. These optional fields include:

- Location Code (LOC)
- Device ID (identification number to track a specific cardiograph)
- Institution Label
- Institution Number
- Facility Label
- Facility Number
- Department Label
- Department Number

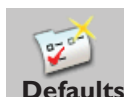
Each of these fields may be customized with any thirty-two letters or numbers. **Location Code (LOC)** is limited to five numbers only. **Device ID** is limited to thirty-two numbers only. This information appears on the printed ECG.

### Special Note about Location Code (LOC)

The **Location Code (LOC)** is only used with legacy versions of the TraceMaster NT system. The LOC does appear on the printed ECG. Configuring the LOC disables the **Institution Number** and **Department Number** fields as the Location Code provides the same information. Do not use the Location Code (LOC) field with a TraceMasterVue ECG Management System. If you are configuring the LOC with a TraceMaster NT system, see the M3700A TraceMaster NT documentation or for more information, see the *Installing TraceMasterVue and Configuring Communication Guide*. Both guides are available for download from the Philips InCenter site ([incenter.medical.philips.com](http://incenter.medical.philips.com)).



**CONFIG**



**Defaults**

#### To configure institution information:

- 1 Touch the **Config** button on the Command Toolbar.
- 2 Touch the **Defaults** button on the Configuration Context Toolbar.
- 3 Touch the **Institution** tab (top of screen). The selected tab is indicated in blue.
- 4 Touch the field to the right of the institution information type.

- 5 Type in the label exactly as it should appear on the printed ECG report (up to thirty-two letters or numbers).

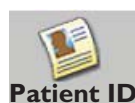
**NOTE** The **Location Code** is limited to five numbers. The first three numbers are used to identify an institution number, and the last two numbers are used to identify a department number.

**NOTE** The **Device ID** is limited to thirty-two numbers.



The new settings are applied. Touch the **R/T ECG** button to return to normal cardiograph operation, or proceed to configure Patient ID settings.

## Patient ID Settings



The Patient ID settings are used to configure the amount and type of patient information fields that appear on the Patient ID screen, that appear on the printed ECG report, and that are transferred to a TraceMasterVue ECG Management System. The configuration of Patient ID settings must be coordinated with other TraceMasterVue and OrderVue settings. For more comprehensive information on configuring patient information settings, see the *Installing TraceMasterVue and Configuring Communication Guide* available for download from the Philips InCenter web site ([incenter.medical.philips.com](http://incenter.medical.philips.com)).

On the configuration screen for Patient ID settings, the patient information fields are grouped into four main categories. The categories are: Patient Information, Clinical Information, Order Information, and Additional Information. The order that the patient information fields appear in on the Patient ID screen can also be specified.

**Figure 2-6 A Configured Patient ID Screen**

**A** Required Patient ID fields are indicated in blue, the order that fields appear in on the screen can be specified

**B** Press the *Pg Up* or *Pg Dn* key (on keyboard) to scroll up or down on the screen



To open the Patient ID screen:

- 1 Touch the **Config** button on the Command Toolbar.
- 2 Touch the **Defaults** button on the Configuration Context Toolbar.
- 3 Touch the **Patient ID** tab (top of screen). The selected tab is indicated in blue.  
Five tabs appear at the top of the screen. The **MagCard** tab contains settings for the magnetic card reader. For information on configuring magnetic card reader settings, see Chapter 3 of the *PageWriter Touch Cardiograph Instructions for Use*.

Figure 2-7 Patient ID Configuration Screen

Patient Info.	Clinical Info.	Order Info.	Add'l Info.	MagCard
(page 2-20)	(page 2-21)	(page 2-22)	(page 2-23)	See the <i>PageWriter Touch Instructions for Use</i>

## Patient ID Configuration Options

Each patient information field on the cardiograph may be configured with up to four options as described in Table 2-2. These options appear as columns of check boxes on the left side of each Patient ID configuration screen. Select the check box underneath the option to enable it.

Table 2-2 Patient ID Information Configuration Options

Setting	Description
<b>Enabled</b>	<ul style="list-style-type: none"> <li>■ Select this check box to make this type of patient information appear on the Patient ID screen.</li> <li>■ This patient information is stored with the ECG when transferred to a TraceMasterVue ECG Management System.</li> </ul>
<b>Required</b>	<ul style="list-style-type: none"> <li>■ Select this check box to require that this type of patient information be completed in full in order to transfer an ECG to removable media or to a Philips TraceMasterVue ECG Management System.</li> <li>■ Required patient information is indicated in blue text on the Patient ID screen.</li> </ul>
<b>Indexed</b>	<ul style="list-style-type: none"> <li>■ Select this check box to make this type of patient information appear as a column on the Archive or Orders screen.</li> <li>■ ECGs can be sorted in the Archive or in Orders using this type of patient information.</li> </ul>
<b>Printed</b>	Select this check box to include this type of patient information on the printed ECG report.



## Configuring Patient Information

The Patient Information fields include demographic information about the patient including: name, ethnicity, age, gender and other configurable information fields.

**NOTE** **Age** and **Gender** patient information are required if using the Philips 12-Lead Algorithm for ECG interpretation. For more information see the *Philips 12-Lead Algorithm Physician's Guide* on the PageWriterTouch Cardiograph User Documentation CD, or download the file from the Philips InCenter site ([incenter.medical.philips.com](http://incenter.medical.philips.com)).



There are two optional user defined drop-down lists that can be configured to appear on the Patient ID screen. For information on configuring the optional patient information fields, see "Configuring Optional, User Defined Patient ID fields" on page 2-23.

Each type of Patient Information can be configured using up to four different settings: **Enabled**, **Required**, **Indexed**, and **Printed** (see Table 2-2, "Patient ID Information Configuration Options," on page 2-19).

**Table 2-3 Patient Information Description**

Patient Information	Description
Patient ID Number	<ul style="list-style-type: none"> <li>Up to sixteen characters in length</li> <li>This field cannot be disabled</li> </ul>
Patient First Name	Up to forty characters in length
Patient Last Name	Up to forty characters in length
Patient Additional Name	Up to forty characters in length
Race (Ethnicity)	<ul style="list-style-type: none"> <li>Drop-down list selection</li> <li>Pre-defined drop-down list</li> </ul>
Patient Age	<ul style="list-style-type: none"> <li>Configurable units (years, hours, days, weeks, months)</li> <li>Date of Birth (month, day, year)</li> </ul>
Patient Gender	Drop-down selection (male, female, unknown)
User Defined drop-down list	<ul style="list-style-type: none"> <li>Drop-down list label up to sixteen characters in length</li> <li>Drop-down list selections up to thirty-two characters in length</li> <li>For information on configuring the user defined fields, see page 2-23</li> </ul>



**To configure Patient Information:**

- 1 Touch the **Patient Info.** tab (top of screen). The selected tab is indicated in blue.
- 2 Press the *Tab* key (on keyboard) to highlight the option check boxes on the left side of the screen (see Table 2-2 on on page 2-19). Press the space bar (on keyboard) to select a check box. A check mark appears in the selected check box and enables the feature.
- 3 Touch the drop-down arrow button next to **Age (DOB)** to select a default age unit (**DOB**-date of birth, **Years**, **Days**, **Weeks**, **Hours**). Touch the age unit to select it as the default.
- 4 The **Default Age (Years)** selection specifies the default age that is used for ECG interpretation (using the Philips 12-Lead Algorithm) when no patient age is entered. The recommended default age is 50 years.

**Configuring Clinical Information**

The available configurable Clinical Information fields include:

- Symptoms (Sx)
- History (Hx)
- Prescriptions (Rx)
- Diagnoses (Dx)
- Diagnostic Related Group (DRG)

During a patient session the user selects a pre-defined selection for each type of Clinical Information from a drop-down list, or manually enters specific information with the keyboard.

There are two optional user defined drop-down lists that can be configured to appear on the Patient ID screen. For information on configuring the optional clinical information fields, see "Configuring Optional, User Defined Patient ID fields" on page 2-23.



Each type of Clinical Information can be configured using four different settings: **Enabled**, **Required**, **Indexed**, and **Printed** (see Table 2-2 on on page 2-19).

**To configure Clinical Information:**

- 1 Touch the **Clinical Info.** tab (top of screen). The selected tab is indicated in blue.
- 2 Press the *Tab* key (on keyboard) to highlight the option check boxes on the left side of the screen (see Table 2-2 on on page 2-19). Press the space bar (on keyboard) to select a check box. A check mark appears in the selected check box and enables the feature.
- 3 Touch the drop-down arrow button next to the empty field that appears to the right of each type of Clinical Info (**Sx**, **Hx**, **Rx**, **Dx**, and **DRG**). Press the up or down arrow key (on keyboard) to scroll through the selections in the list, and review the available selections.
- 4 To delete a selection from the list, touch a clinical description to select it. Touch the **Delete** button to delete this clinical description from the selections in the drop-down list.
- 5 Touch the **Add** button to add a new clinical information selection to the drop-down list. Type in the clinical information description on the keyboard.

- 6 Touch the **OK** button. The entry now appears in the drop-down list and may be selected during a patient session.

The new settings are applied. Touch the **R/T ECG** button to return to normal cardiograph operation.



## Configuring Order Information

The available Order information fields include:

- Order Reason
- Physician Name and UPIN (Universal Physician Identification Number)
- Order Number
- Encounter ID
- STAT ECG designation; this specifies the ECG as a STAT ECG and provides for special processing of the ECG on the TraceMasterVue ECG Management System



There are two optional user defined drop-down lists that can be configured to appear on the Patient ID screen. For information on configuring the optional order information fields, see "Configuring Optional, User Defined Patient ID fields" on page 2-23.

For the fields **Reason for Order** and **Physician Name/UPIN**, the user selects an entry from the available choices in the drop-down list, or enters specific information into the field using the keyboard.

Each type of Order Information can be configured using four different settings: **Enabled**, **Required**, **Indexed** and **Printed** (see Table 2-2 on on page 2-19).

### To configure Order Information:

- 1 Touch the **Order Info.** tab (top of screen). The selected tab is indicated in blue.
- 2 Press the *Tab* key (on keyboard) to highlight the option check boxes on the left side of the screen (see Table 2-2 on on page 2-19). Press the space bar (on keyboard) to select a check box. A check mark appears in the selected check box and enables the feature
- 3 Touch the **Add** button to the right of **Reason for Order** or **Physician Name** to add a new entry to the drop-down list.
- 4 A window appears. Type in the selection (using keyboard) as it should appear on the drop-down list.
- 5 Touch **OK**. The entry now appears in the drop-down list and may be selected during a patient session.

The new settings are applied. Touch the **R/T ECG** button to return to normal cardiograph operation.



## Configuring Additional Information

The available Additional Information fields include:

- Facility identification; by code or by name
- Department identification; by code or by name
- Operator identification
- Room number
- Patient weight and height



There are two optional user defined drop-down lists that can be configured to appear on the Patient ID screen. For information on configuring the optional additional information fields, see "Configuring Optional, User Defined Patient ID fields" on page 2-23.

For the selections **Department** and **Operator ID**, the user selects a pre-defined selection from a drop-down list. The drop-down list can only be changed on the Configuration screen.

Each type of Order Information can be configured using four different settings: **Enabled**, **Required**, **Indexed**, and **Printed** (see Table 2-2 on on page 2-19).

### To configure Additional Information:

- 1 Touch the **Add'l Info.** tab (top of screen). The selected tab is indicated in blue.
- 2 Press the *Tab* key (on keyboard) to select the option check boxes on the left side of the screen (see Table 2-2 on on page 2-19). Press the space bar (on keyboard) to select a check box. A check mark appears in the selected check box and enables the feature
- 3 Touch the drop-down arrow button next to the white blank box that appears to the right of **Department** and **Operator ID**.
- 4 Touch the **Add** button to add a new entry to the drop-down list.
- 5 A window appears. Type in the entry (using keyboard) as it should appear on the drop-down list. Touch the **OK** button. The entry now appears in the drop-down list and may be selected during a patient session.



The new settings are applied. Touch the **R/T ECG** button to return to normal cardiograph operation.

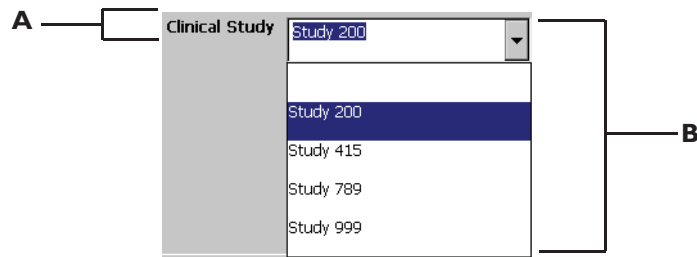
## Configuring Optional, User Defined Patient ID fields

There are eight optional drop-down lists that can be customized for any clinical purpose. These drop-down lists are labeled **<User Field 1>** through **<User Field 8>**, and appear at the bottom of each Patient ID configuration screen.

A customized label is assigned to each optional drop-down list, and individual entries are specified for the drop-down list selections. During a patient session, an entry in the drop-down list can be selected, or free text can be entered into the optional field directly on the Patient ID screen.

Accurate and consistent labeling of the user defined fields on the cardiograph and on TraceMasterVue is crucial for optimal connectivity and performance. User fields defined on the cardiograph map directly to user fields on TraceMasterVue.

**Figure 2-8** Optional drop-down list as it appears on the Patient ID screen during an active patient session



**A** Drop-down list label

**B** Individual drop-down list entries

## Configuring the User Defined Fields with OrderVue

If configuring the cardiograph for use with OrderVue order handling software, **User Field 2** must be configured with the **Enabled**, **Required**, **Indexed**, and **Printed** options enabled. The field must contain the text **Order ID**. This text is case-sensitive and there must be a space included between the words *Order* and *ID*.

**User Field 1** can also be specified with the text **Order ID**. If User Field 1 is used, you lose the ability to use the attributes associated with User Field 1. Unless your site has legacy cardiographs that already use User Field 1 for Order ID, User Field 2 is recommended.

The field label specified under the field rule for *zpd\_48\_User\_Defined\_2* in the *OrderVue Disk.mpr* mapper file *must* be identical to that specified for the **User Field 2** on the PageWriter Touch cardiograph. The two fields must identically match. The mapper is stored in *C:\OrderInk\diskmapper* and is accessed through LinkTools HL7 mapper. For more detailed information about OrderVue and HL7, refer to the OrderVue documentation available download from the Philips InCenter site: ([incenter.medical.philips.com](http://incenter.medical.philips.com)).

**NOTE** To put the order ID in a field other than user field 2, you must also change OrderVue configuration.

## Configuring the User Defined Fields for FDA XML Export

If you will be exporting ECGs to FDA XML format, you must configure user field labels on the cardiograph using predefined labels, as described in this section, for proper export.

In the pharma environment, ECGs related to drug studies are submitted to the FDA for review, which must be submitted in the FDA XML format. The FDA output file format corresponds to the *January 2004 Approved Ballot FDA* schema and the recommendations in the *aECG Implementation Guide* (version 2005-03-21 Final 3, updated May 23, 2005). This standard has been adopted by the U.S. Food and Drug Administration (FDA) for digital submission of ECGs as part of a drug clinical trial submission.

**NOTE** This standard is subject to change. Copies of the HL7 aECG schema, as well as the latest version of the Implementation Guide, can be found at: <http://www.hl7.org/Special/committees/rcrim/docs.cfm>.

When an ECG is exported to FDA XML, either through an automated workflow rule within TraceMasterVue or manually using the Enterprise Manager, the system calls the FDA converter, *TraceMasterVue\EMS Server\bin\PhilipsXMLECGtoFDA.exe*. The converter maps fields from Philips XML ECGs created using the Philips XML 1.04 schema file, *PhilipsECG.xsd*, and

the FDATemplate.xml template file, to the FDA XML format. These field mappings are illustrated in the spreadsheet provided in the following location:

TraceMasterVue\Help\PhilipsXMLECGtoFDA\_Field\_Mapping\_Table.xls.

For detailed information about user-defined fields and how they are used in FDA XML file export, as well as how to use the conversion template and read the conversion spreadsheet, see the *TraceMasterVue FDA XML Mapping Guide*. The guide is provided on the *TraceMasterVue Documentation and Training CD*, as well as on the TraceMasterVue server in the Help\TraceMasterVue\_Manuals directory.

- In TraceMasterVue, User Field 1 supports individual attributes that can be used as triggers of workflow rules.
- If you are in a pharma environment and need an additional field to contain Study ID, use User Field 8 and define the label as **Facility**, exactly as shown here. When the label is set to **Facility**, and a value is entered at the cardiograph, the specified value will appear as the Facility code on the ECG when imported into TraceMasterVue and displayed in PharmaVue. For details, *Installing TraceMasterVue and Configuring Communication Guide* available for download from the Philips InCenter web site (incenter.medical.philips.com).

#### To configure the drop-down list label:

- 1 Touch the field under **<User Field 1>** or any other user field to select it. The cursor appears in the field.
- 2 Type in any sixteen letters or numbers with the keyboard to describe the drop-down list label.

#### To add an entry to the drop-down list:

- 1 Touch the **Add** button (right side of screen) next to **<User Field 1>** or any other user field.
- 2 The **Add Custom Entry** window appears. Type in any thirty-two letters or numbers with the keyboard.
- 3 Touch the **OK** button. The new drop-down entry appears in the field to the right of **<User Field 1>** or any other user field. Add more entries as needed.

#### To delete an entry from the drop-down list:

- 1 Touch the drop-down arrow button (to the left of the **Add** button) to display the existing drop-down list.
- 2 Touch the entry to be deleted. The drop-down list closes with the selected entry highlighted in blue.
- 3 Touch the **Delete** button (right side of screen).
- 4 The **Delete Custom Field Entry** window appears with the message **Delete Selected Label?** The name of the entry to be deleted appears in gray (bottom of window). Touch the **OK** button to delete the entry. Touch the **Cancel** button to not delete the entry.

The new settings are applied. Touch the **R/T ECG** button to return to normal cardiograph operation.



## Patient ID Layout Settings

The order in which the configured patient information fields appear on the Patient ID screen during an active patient session can be specified. Follow the procedure below to configure the layout of the patient information fields after all Patient ID settings have been configured.

### To configure the Patient ID layout settings:

- 1 On the left side of the Patient ID configuration screen under **Patient ID Layout**, all of the configured patient information fields appear in a list. The order in which the fields appear on this list defines the order the fields appear in on the Patient ID screen during an active patient session. To move an individual patient information field up or down on the list, touch the field to select it. The selected field is highlighted in blue.
- 2 Touch the **Move Up** or **Move Dn** buttons (bottom of screen) to move the fields up or down on the list.

The new settings are applied. Touch the **R/T ECG** button to return to normal cardiograph operation.



## Using the WebSelect Utility

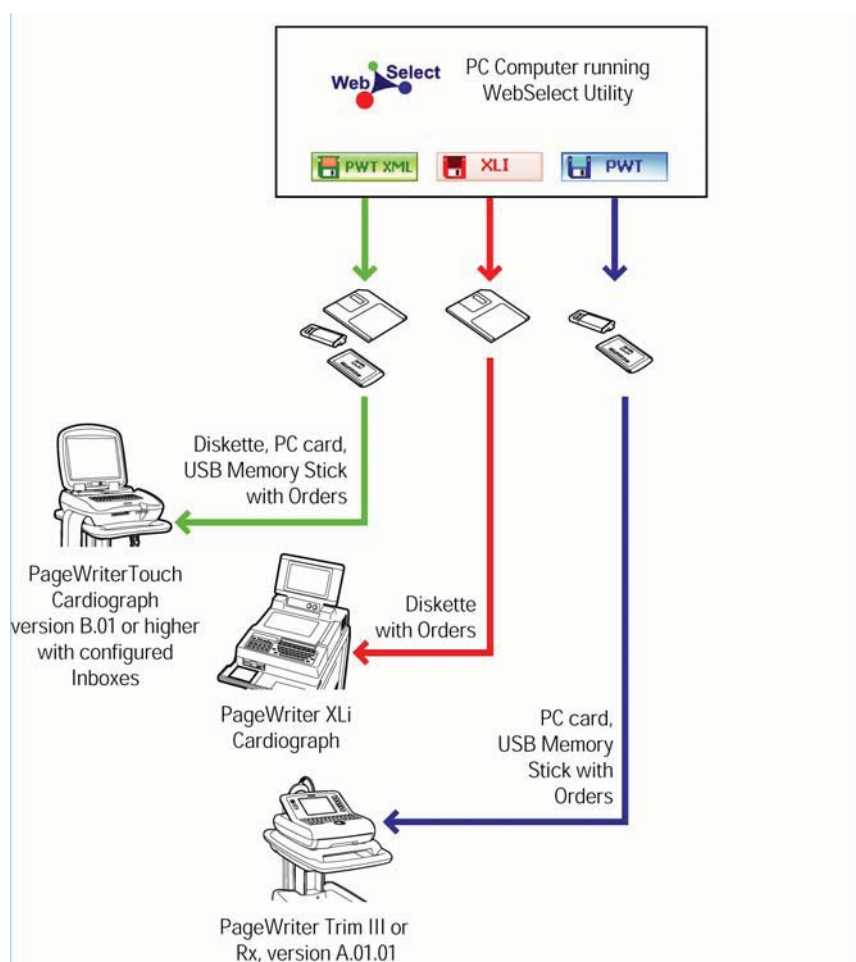
The WebSelect Utility is a PC-based application that is used to manually download orders to a diskette, PC card, or to a USB memory stick. The orders are then manually uploaded to a PageWriter Touch, PageWriter Trim III and Rx, or PageWriter XLi cardiograph.

The downloaded orders may be selected for a patient session, and the ECG and order results are transferred to the TraceMasterVue ECG Management System using a wired or wireless LAN connection, modem connection, or using removable media.

**NOTE** Ensure that all patient information that is saved to a USB memory stick, PC card, or to diskette is kept in a safe place and is only accessed by authorized personnel.

Figure 3-1 illustrates the WebSelect Utility order workflow.

**Figure 3-1 WebSelect Utility Order Workflow**





## Special Note about WebSelect Utility Features

Philips Medical Systems recommends that orders only be added, edited, or reconciled on the TraceMasterVue ECG Management System, and not using the features of the WebSelect Utility. Orders that are specified for the PageWriter XLi cardiograph ONLY may be edited on the WebSelect Utility.

**CAUTION** Although WebSelect provides the ability to add, edit, and reconcile orders, you should perform these functions through the ECGVue interface.

## Opening the WebSelect Utility

You can use the WebSelect Utility from either the server or from a networked client PC.

### To open WebSelect:

- 1 From the client PC, click the **WebSelect** desktop icon, or open Internet Explorer and enter the following URL: **http://TraceMasterVue/WebSelect**. Or from the server, click on the Windows Start menu and then select **All Programs>OrderVue WebSelect>Login WebSelect** from the Windows Start menu.
- 2 The WebSelect Login screen appears. Enter your assigned user name and password.

**NOTE** The default user name and password are both **ordervue** (all lower case letters).

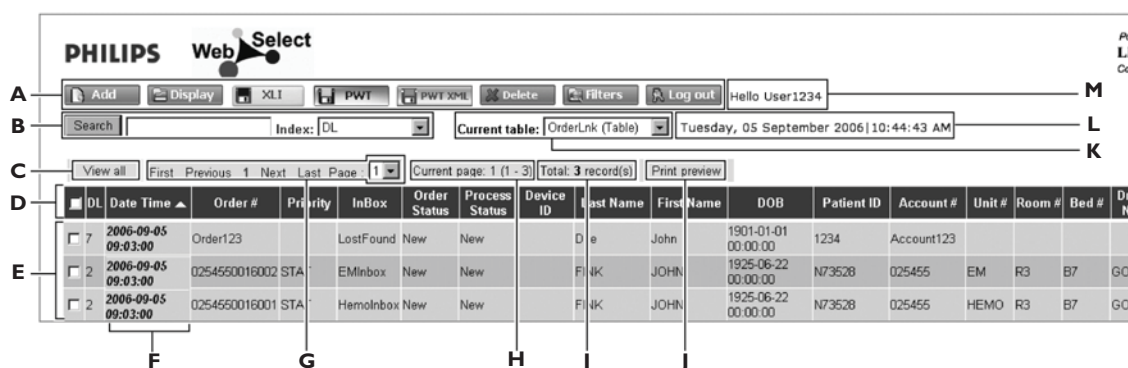
The main WebSelect Utility screen appears. From this screen you can:

- sort orders
- search for orders
- download orders to a USB memory stick, PC card, or diskette
- edit order information for the PageWriter XLi cardiograph; *this feature is only to be used with the PageWriter XLi cardiograph*

## The WebSelect Utility Main Screen


The main screen of the WebSelect Utility contains all of the main features of the application.

**Figure 3-2 The WebSelect Utility Main Screen**






**Table 3-1 WebSelect Utility Main Screen Description**

<b>Label</b>	<b>Description</b>
<b>A</b>	Main Toolbar (see following table).
<b>B</b>	Search order feature.
<b>C</b>	Click to view all orders available for download.
<b>D</b>	<ul style="list-style-type: none"> <li>Column headings; click a column to sort orders in ascending or in descending order based on the column heading.</li> <li>The selected column is indicated by an arrow () and the text underneath the selected column is shown in bold italic text.</li> </ul>
<b>E</b>	The orders that are available for download. The number of orders that appear on the screen is specified by your facility.
<b>F</b>	The column that is currently selected for sorting displayed in ascending or in descending order.
<b>G</b>	<ul style="list-style-type: none"> <li>Click to go to the first page, the previous page, the next page, or to the last page of orders. Or, select a page number from the drop-down list.</li> <li>The current page number is shown in red.</li> </ul>
<b>H</b>	Shows the current page and the total number of pages.
<b>I</b>	Shows the total number of orders available for download.
<b>J</b>	Click the <b>Print Preview</b> link to print out a report of all displayed orders.
<b>K</b>	The selected OrderVue database.
<b>L</b>	The current date and time.
<b>M</b>	The current user name.








## The WebSelect Utility Toolbar

The toolbar contains all of the main features of the application.

**Table 3-2 The WebSelect Utility Toolbar**

<b>Button</b>	<b>Click this button to ...</b>
	<ul style="list-style-type: none"> <li>Manually add orders to the WebSelect Utility.</li> <li>It is recommended that orders only be added on the ECGVue application. Orders that are manually added on the WebSelect Utility will not reconcile on the TraceMasterVue ECG Management System.</li> </ul>

**Table 3-2 The WebSelect Utility Toolbar** *(continued)*

Button	Click this button to ...
 Display	Refresh the orders that appear on the screen. Click the <b>Print Preview</b> link (upper right side of screen) to print out a list of the displayed orders.
 XLI	<ul style="list-style-type: none"><li>■ Download the selected orders to a diskette, and then load orders on a PageWriter XLI cardiograph.</li><li>■ A maximum of twenty orders can be loaded onto a single diskette.</li></ul>
 PWT	<ul style="list-style-type: none"><li>■ Download the selected orders to a PC card, or to a USB memory stick and then load the orders on a PageWriter Trim III or Rx cardiograph with installed software version A.01.01.</li></ul>
 PWT XML	<ul style="list-style-type: none"><li>■ Download the selected orders to a diskette, PC card, or USB memory stick and then load the orders on a PageWriter Touch cardiograph with installed software version B.01 or higher.</li><li>■ It is recommended that orders be downloaded directly to the cardiograph using the networked orders feature, not the WebSelect Utility.</li></ul>
 Delete	Delete the selected orders from the WebSelect Utility.
 Filters	<ul style="list-style-type: none"><li>■ Use to display all orders that match criteria from a selected field, such as department name or number. For example, if a filter named <b>Outpatient Surgery</b> is selected, all orders associated with this department will display on the screen.</li><li>■ The available filters are specified by your facility.</li></ul>
 Log out	Log off of the WebSelect Utility.

## Selecting and Downloading Orders




Follow this procedure to select and download orders to removable media (diskette, PC card, USB memory stick) from the WebSelect Utility.

### To select and download orders to removable media:

- 1 Insert the removable media (diskette, PC card, USB memory stick) into the PC computer.
- 2 On the WebSelect Utility main screen, click a check box next to an order to select it. The selected order is highlighted in yellow. Multiple orders can be selected.

- 3 Click one of the order download buttons, depending on the cardiograph model.

**Table 3-3 Order Download Buttons**

Button	Click this button to download orders to ...
	PageWriter XLi cardiograph
	PageWriter Trim III or PageWriter Trim Rx cardiograph (software version A.01.01)
	PageWriter Touch cardiograph (software version B.01 or higher)

- 4 Follow one of the procedures below to save orders to a specific cardiograph model.

## Downloading Orders for a PageWriter XLi cardiograph

Follow the procedure below to download orders to a diskette for the PageWriter XLi cardiograph.

For information on editing orders for the PageWriter XLi cardiograph, see “Editing PageWriter XLi Orders on the WebSelect Utility” on page 7-2.

### To download orders for a PageWriter XLi cardiograph:

- 1 Ensure that the orders to be downloaded are selected.
- 2 Click the **XLI** button. The File Download window appears.
- 3 Click the **Open** button to save the files to a diskette. If any orders are already saved to the diskette, the MakeDisk window appears.
- 4 On the MakeDisk window, click **No** to delete the existing orders on the diskette, and save the new orders to the diskette. Click **Yes** to save the new orders to the diskette and not delete the existing orders on the diskette.
- 5 The Operator Form window appears. Enter your Operator ID and click **OK**. If no Operator ID is entered, leave the field blank and click **OK**. A message appears to continue. Click **Yes**.  
The orders are saved to the diskette. Proceed to “Downloading Orders to the PageWriter XLi” on page 7-2.



## Downloading Orders for a PageWriter Trim III or PageWriter Trim Rx Cardiograph

Follow the procedure below to download orders to a PC card or to a USB memory stick for a PageWriter Trim III or Rx cardiograph with installed software version A.01.01.

**NOTE** The PageWriter Trim cardiographs do not support the loading of orders from diskette.

### To download orders for a PageWriter Trim III or Rx cardiograph:



- 1 Ensure that the orders to be downloaded are selected.
- 2 Click the **PWT** button. A screen appears that requests that you enter your Operator ID.
- 3 Enter your Operator ID information and click **OK**. An Operator ID must be entered to download orders.
- 4 The File Download window appears. Click the **Open** button to view the orders selected for download. Click the **Save** button and select the removable media (PC card, USB memory stick).
- 5 The Download Complete window appears. The orders are saved to the selected media. Click **Close**.

The orders are saved to the removable media. For the PageWriter Trim III, proceed to “Using the Orders Feature on PageWriter Trim III” on page 4-1. For the PageWriter Trim Rx, proceed to “Using Orders and the Patient Directory on the PageWriter Trim Rx” on page 5-1.

## Downloading Orders for a PageWriter Touch Cardiograph

Follow the procedure below to download orders to a diskette, PC card, or to a USB memory stick for a PageWriter Touch cardiograph with installed software version B.01 or higher.

### Special Note about the PageWriter Touch Cardiograph

It is recommended to use the network orders feature to download orders directly from the TraceMasterVue ECG Management System to the cardiograph. Use of the WebSelect Utility to manage orders for the PageWriter Touch cardiograph is not recommended. For information on using the orders feature on the cardiograph to download and manage orders, see “Using the Orders Feature on the PageWriter Touch Cardiograph” on page 6-1.

The download of orders from the WebSelect Utility to a PageWriter Touch cardiograph with installed software version A.02.00 is not supported. Only use the procedure described below with cardiographs with installed software version B.01 or higher.

### To download orders for a PageWriter Touch cardiograph:



- 1 Ensure that the orders to be downloaded are selected.
- 2 Click the **PWT XML** button. A screen appears that requests that you enter your Operator ID.
- 3 Enter your Operator ID information and click **OK**. An Operator ID must be entered in order to download orders.
- 4 The MakeDisk window appears. Click the **Save** button and select the removable media (PC card, USB memory stick).

#### NOTE


Clicking the **Open** button will open the source XML in a separate window. Using this view is not recommended.

- 5 The orders are saved to the selected media. Click **Close**. Proceed to “Loading Orders from a USB Memory Stick, PC Card, and Diskette” on page 6-6.

## Searching for Orders

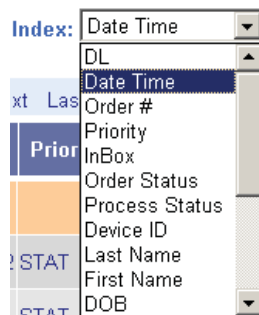
You can search for orders directly from the WebSelect Utility using patient information fields such as Last Name, First Name, Date of Birth, Order Number, and other fields.

### Special Note About The Orders Search Feature

If any filters are selected, the results of the order search will be modified by the active filter. For example, if the filter **Outpatient Surgery** is active when an order search is conducted, the only search results that appear on the screen will be associated with the information entered into the search, and the Outpatient Surgery department. To remove a filter setting, click on the **Filters** button (  ) on the toolbar, and deselect any active filters before following the procedure below to search for orders.

#### To search for orders:

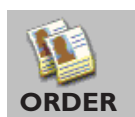
- 1 Click the drop-down arrow button next to the **Index:** drop-down list to open the list of available search indices.



- 2 Click an Index field to use for the search.
- 3 Enter search information for the specified search Index into the **Search** field. For example, if the **Last Name** Index is selected for the search, type in the last name of the patient associated with the order. Enter % to search using a wildcard character. For example, to search for an order for a patient if the full last name is not known, enter as many letters as possible, and then enter %.
- 4 All orders that match the entered search information appear on the screen.

# Using the Orders Feature on PageWriter Trim III

## About Orders



The Order screen is used to pre-load Patient ID information onto the cardiograph. Orders are loaded onto the cardiograph using a PC card or a USB memory stick, or may be entered directly on the cardiograph using the keyboard. Once the Patient ID information is loaded onto the cardiograph, it becomes a Pending Order that may be selected on the Patient ID screen during a patient session.

**NOTE** Ensure that all patient information that is saved to a USB memory stick, PC card, or to diskette is kept in a safe place and is only accessed by authorized personnel.

## Using the Order Screen



Orders are created, edited, deleted, and loaded onto the cardiograph from the Order screen.

**To open the Order screen:**


- 1 Press the *Tab* key (  ) or turn the Trim Knob until the **Order** button on the Command Toolbar is highlighted.
- 2 Press the space bar or the Trim Knob to select the button. The Order screen appears.

Figure 4-1 The Order Screen

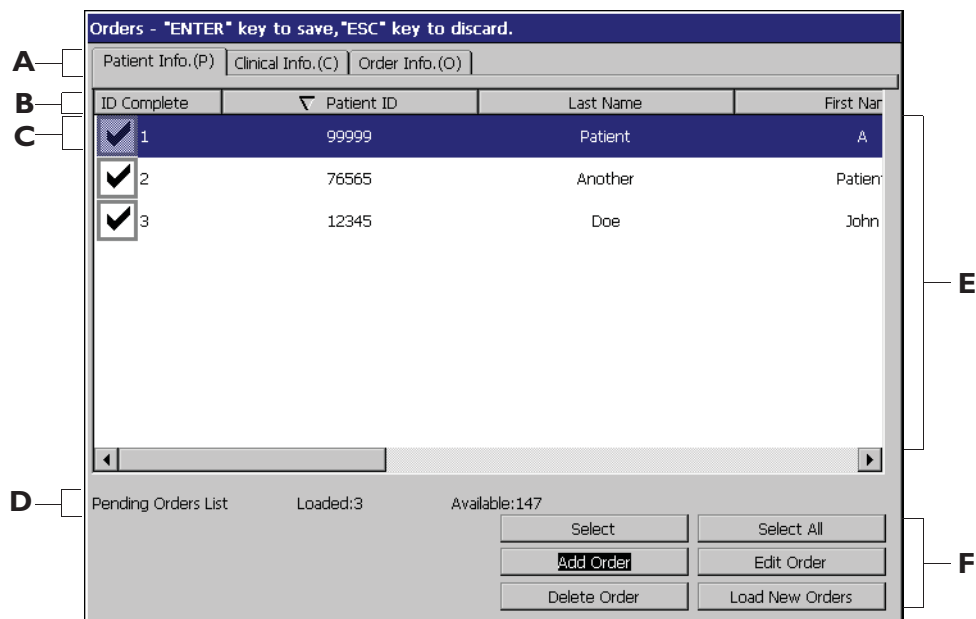


Table 4-1 Order Screen Description

Letter	Description	Function
A	<b>Patient ID Information tabs</b>	<ul style="list-style-type: none"> <li>■ The number of tabs that appear on the screen depends on the amount and type of Patient ID information configured for the cardiograph.</li> <li>■ For information on configuring Patient ID information, see Chapter 2 of the <i>PageWriter Trim Cardiograph Instructions for Use</i>.</li> <li>■ To select a tab, press and hold down the <i>Alt</i> key on the keyboard. Press the letter key in parenthesis on the tab. For example, to select the <b>Clinical Info.</b> tab, press and hold down the <i>Alt</i> key and then press the <i>C</i> key.</li> </ul>
B	<b>Patient ID columns</b>	The column headers list the Patient ID fields that are contained under each tab.

**Table 4-1**      **Order Screen Description** (*continued*)

Letter	Description	Function
<b>C</b>	<b>ID Complete check box</b>	<ul style="list-style-type: none"> <li>■ This check box indicates that all required Patient ID information fields for the Order are complete.</li> <li>■ Required Patient ID information is set in Configuration. For more information, see Chapter 2 of the <i>PageWriter Trim Cardiograph Instructions for Use</i>.</li> <li>■ All required Patient ID fields must be complete in order to transfer the ECG to a TraceMasterVue ECG Management System.</li> </ul>
<b>D</b>	<b>Available Space Information</b>	Displays the number of loaded (pending) Orders on the cardiograph along with the number of Orders that may be loaded on the cardiograph.
<b>E</b>	<b>Order List</b>	<ul style="list-style-type: none"> <li>■ Lists all the pending Orders loaded onto the cardiograph.</li> <li>■ These Orders have not yet been selected on the Patient ID screen during a patient session.</li> </ul>
<b>F</b>	<b>Order Function Buttons</b>	Buttons that are used to navigate on the Order screen or are used to perform functions on the screen (see Table 4-2 below).

**Table 4-2**      **Function Button Description**




Button	Select this button to...
<b>Select</b>	Select an Order on the Order List
<b>Select All</b>	Select all Orders displayed on the Order List
<b>Add Order</b>	Manually add an Order to the Order List using the cardiograph keyboard
<b>Edit Order</b>	Edit an Order on the Order List
<b>Delete Order</b>	Delete an Order from the Order List
<b>Load New Orders</b>	Load Orders onto the cardiograph using a PC card or a USB memory stick



## Loading Orders

Orders that originate from the WebSelect Utility may be loaded onto the cardiograph using a PC card or a USB memory stick.




### To load orders:


- 1 Press the *Tab* key () or turn the Trim Knob to highlight the **Load New Orders** button.
- 2 Press the space bar or the Trim Knob to select the button.
- 3 The Load New Orders window appears. Press the *Tab* key or turn the Trim Knob to highlight the **Select Input Source** drop-down list.
- 4 Press the space bar or the Trim Knob to open the drop-down list.
- 5 Press the up () or down () arrow key to highlight an input source.
- 6 Press the space bar or Trim Knob to select the input source.
- 7 Press the *Tab* key or turn the Trim Knob to select the **dir\...\Filename.ext** field. The cursor appears in the field. Type in the name of the Orders file contained on the PC card or USB memory stick.
- 8 Press the *Tab* key or turn the Trim Knob to highlight the **OK** button. Press the space bar or the Trim Knob to select the button. The Order(s) appear on the Orders List.

## Entering New Orders

Orders may be manually entered on the cardiograph using the keyboard.

### To enter orders:

- 1 Press the *Tab* key () or turn the Trim Knob to highlight the **Add Order** button (bottom of screen).
- 2 Press the space bar or the Trim Knob to select the button.  
The **Please input data Patient ID** window appears. The **ID:** field at the top of the screen is selected. The cursor appears in the field.
- 3 Type in the Patient ID information.
- 4 Press the *Tab* key or turn the Trim Knob to select the next field on the screen.
- 5 Type in the information. Repeat the procedure to complete all the Patient ID fields on the screen.
- 6 If additional tabs appear at the top of the screen, press and hold down the *Alt* key on the keyboard. Press the letter key in parenthesis on the tab. For example, to select the **Clinical Info.** tab, press and hold down the *Alt* key and then press the *C* key.
- 7 Enter the information on the additional tabs as required. Press the *Tab* key or turn the Trim Knob to move to the next field. Repeat to complete all the fields on the screens.  
To open a drop-down list, press the space bar or the Trim Knob. Press the up () or down () arrow key to highlight an item on the drop-down list, then press the space bar or Trim Knob to select it.

- 8 Press the *Enter* key () to save the Order and to exit the screen. Press the *Esc* key to exit the screen without saving the Order.





The Order screen appears. The new Order appears on the Order List and may be selected during a patient session (see page 4-6).

## Deleting an Order

Orders may be deleted at any time from the Order screen. One Order may be deleted, or multiple Orders may be deleted at the same time.

**NOTE** Deleted Orders may not be retrieved.

### To delete an order:




- 1 Press the up () or down () arrow key to scroll through the Order list and to highlight an Order to be deleted. To select multiple Orders, press and hold down the *Shift* key () and then press the up and down arrow key.
- 2 Once all Orders to be deleted have been selected on the list, press the *Tab* key () or turn the Trim Knob to highlight the **Select** button (bottom of screen). Press the space bar or the Trim Knob. The Order(s) selected for deletion appear in dark gray on the Orders List.
- 3 Continue to select Orders to be deleted, or to delete all Orders from the list, turn the Trim Knob to highlight the **Select All** button. Push the Trim Knob to select the **Select All** button.
- 4 Press the *Tab* key or turn the Trim Knob to highlight the **Delete Order** button. Press the space bar or the Trim Knob to select the button. A message appears to confirm the deletion of the selected Orders. The **OK** button is highlighted. Press the space bar or the Trim Knob to confirm the deletion of the selected Order(s). Select the **Cancel** button to exit the window and not delete the selected Orders.
- 5 To remove Orders from the list to be deleted, press the up or down arrow key to highlight an Order. Press the *Tab* key or turn the Trim Knob to highlight the **Unselect** button. Press the space bar or the Trim Knob to select the button. Or, select the **Unselect All** button to deselect all orders.


## Editing an Order

An Order may be edited at any time from the Order screen.

**NOTE** Only one Order may be edited at a time.

### To edit an order:

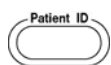
- 1 The Order to be edited must be highlighted in dark blue (or in dark gray) on the Order List. To highlight a different Order to be edited, press the up () or down () arrow key or turn the Trim Knob to scroll through the Order List.
- 2 Once the Order to be edited is highlighted in dark blue, press the *Tab* key () or turn the Trim Knob to highlight the **Edit Order** button.


- 3 Press the space bar or the Trim Knob to select the button.
- 4 The Patient ID information for the Order appears on the screen. Edit the Patient ID information. If additional tabs appear at the top of the screen, press and hold down the *Alt* key on the keyboard. Press the letter key in parenthesis on the tab. For example, to select the **Clinical Info.** tab, press and hold down the *Alt* key and then press the *C* key.
- 5 Press the *Enter* key () to save the edits to the Order and to exit the screen. Press the *Esc* key to exit the screen without saving the edits.  
The edited Order appears on the Orders list.

## Opening a Pending Order

Pending Orders consist of pre-loaded Patient ID information. This information is entered on the Orders screen using the cardiograph keyboard, or is loaded onto the cardiograph using a PC card, USB memory stick. Once entered onto the cardiograph, these Pending Orders may be selected on the Patient ID screen.



### To open a Pending Order:



- 1 Press the **Patient ID** button on the right side of the cardiograph. The Patient ID screen appears.
- 2 Press the *Tab* key () or turn the Trim Knob to highlight the **Orders** button (top left of screen).

#### NOTE


The **Orders** button only appears on the Patient ID screen when there are Pending Orders loaded on the cardiograph.

- 3 Press the space bar or the Trim Knob to select the button. The Select Pending Order window appears.
- 4 The available Pending Orders appear on the screen as a list. Press the up () or down () arrow key to highlight a Pending Order on the list.
- 5 The **Select** button (bottom of screen) is highlighted. Press the space bar or the Trim Knob to select the highlighted Pending Order. The Pending Order window closes and the Patient ID screen appears. The information from this Pending Order appears on the Patient ID screen.

#### NOTE

A selected Pending Order may be configured to be deleted from the Pending Orders list, see Chapter 2 of the *PageWriter Trim Cardiograph Instructions for Use* for more information.

- 6 Enter any missing Patient ID information with the keyboard. Press the *Tab* key or turn the Trim Knob move between the different fields.
- 7 If other tabs appear at the top of the screen (**Clinical Info**, **Order Info**), press and hold down the *Alt* key on the keyboard. Press the letter key in parenthesis on the tab. For example, to select the **Clinical Info** tab, press and hold down the *Alt* key, and then press the *C* key on the keyboard.

- 8 When all Patient ID information has been entered, press the *Enter* key () on the keyboard to save the information and to exit the screen. Press the *Esc* key on the keyboard to exit the screen without saving the Patient ID information.

**NOTE** A message appears if the Patient ID screen is exited before completing the required Patient ID information. All required Patient ID fields must be complete in order to transfer an ECG to a TraceMasterVue ECG Management System.

## Using the Orders Quick Search Feature

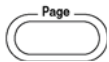
The Quick Search feature is used to quickly search for a Pending Order by entering information into one Patient ID field. Any Pending Order that contains the same information in this specific Patient ID field is retrieved and displays on the Select Pending Order window.





The Patient ID field that is used to search for Pending Orders is specified in Configuration, see Chapter 2 of the *PageWriter Trim Cardiograph Instructions for Use* for more information.

### To use the Quick Search feature to retrieve a pending order:

- 1 Enter information into the Patient ID field that is specified as the searchable field.

**NOTE** Only one Patient ID field can be specified as the searchable field.

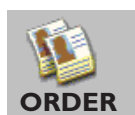


- 2 Press the **Page** button (right side of cardiograph). The Select Pending Order window appears with the retrieved Pending Order(s).
- 3 The available Pending Orders appear on the screen as a list. Press the up () or down () arrow key to highlight a Pending Order on the list.
- 4 The **Select** button (bottom of screen) is highlighted. Press the space bar or the Trim Knob to select the highlighted Pending Order. The Pending Order window closes and the Patient ID screen appears. The information from this Pending Order appears on the Patient ID screen.
- 5 Enter any missing Patient ID information with the keyboard. Press the *Tab* key () or turn the Trim Knob scroll through the different fields.
- 6 If other tabs appear at the top of the screen (**Clinical Info**, **Order Info**), press and hold down the *Alt* key on the keyboard. Press the letter key in parenthesis on the tab. For example, to select the **Clinical Info** tab, press and hold down the *Alt* key, and then press the *C* key on the keyboard.
- 7 When all Patient ID information has been entered, press the *Enter* key () on the keyboard to save the information and to exit the screen. Press the *Esc* key on the keyboard to exit the screen without saving the Patient ID information.

**NOTE** A message appears if the Patient ID screen is exited before completing the required Patient ID information. All required Patient ID fields must be complete in order to transfer an ECG to a TraceMasterVue ECG Management System.

# Using Orders and the Patient Directory on the PageWriter Trim Rx

## About Orders



The Order screen is used to pre-load patient information onto the cardiograph. Orders are loaded onto the cardiograph using a PC card or a USB memory stick, or may be entered directly on the cardiograph using the keyboard. Once the Patient ID information is loaded onto the cardiograph, it becomes a pending order that may be selected on the Patient ID screen. For more information, see Chapter 3 of the *PageWriter Trim Rx Cardiograph Instructions for Use*. Orders are deleted once they are selected from the Pending Orders list.

## About the Patient Directory



The Patient Directory is used to pre-load subject information onto the cardiograph. Subject entries are loaded onto the cardiograph using a PC card or USB memory stick, or may be entered directly on the cardiograph using the keyboard. Once the subject entry information is loaded onto the cardiograph, it may be selected multiple times from the Patient Directory screen. For more information, see Chapter 3 of the *PageWriter Trim Rx Cardiograph Instructions for Use*.


**NOTE** Ensure that all patient information that is saved to a USB memory stick, PC card, or to diskette is kept in a safe place and is only accessed by authorized personnel.

## Using the Order or Patient Directory Screen

Orders or subject entries are created, edited, deleted, and loaded onto the cardiograph from the Order or Patient Directory screen.



### To open the Order screen:

- 1 Press the *Tab* key (  ) or turn the Trim Knob until the **Order** or **Dir** button on the Command Toolbar is highlighted.
- 2 Press the space bar or the Trim Knob to select the button. The Order or Patient Directory screen appears.

**NOTE** The Order screen and the Patient Directory screen are identical in appearance. Figure 5-1 shows the Patient Directory screen.

**Figure 5-1 The Patient Directory Screen**

The screenshot shows the 'Patient Directory' window. At the top, a title bar reads 'Patient Directory - "ENTER" key to save, "ESC" key to discard.' Below this is a tabbed interface with three tabs: 'Patient(P)', 'Visit(C)', and 'Other(O)'. Callout letter A points to these tabs. Below the tabs is a table with four columns: 'ID Complete', 'Patient ID', 'Last Name', and 'First Name'. Callout letter B points to the column headers. The table contains three rows of data. Callout letter C points to the 'ID Complete' column, which has checkboxes. The first row is highlighted in blue. Callout letter D points to the status bar at the bottom, which shows 'Pending Patients List', 'Loaded:3', and 'Available:197'. Callout letter E points to the table area. Callout letter F points to a set of buttons at the bottom right: 'Select', 'Select All', 'Add Patient', 'Edit Patient', 'Delete Patient', and 'Load New Patients'.

ID Complete	Patient ID	Last Name	First Name
<input checked="" type="checkbox"/> 1	9999		
<input checked="" type="checkbox"/> 2	34455	Doe	
<input checked="" type="checkbox"/> 3	12345	Lee	

Pending Patients List      Loaded:3      Available:197

Select      Select All  
Add Patient      Edit Patient  
Delete Patient      Load New Patients

**Table 5-1 Patient Directory or Order Screen Description**

Letter	Description	Function
<b>A</b>	<b>Subject or Patient Information tabs</b>	<ul style="list-style-type: none"> <li>The number of tabs that appear on the screen are dependent upon the amount and type of subject or patient information configured for the cardiograph.</li> <li>For information on configuring subject or patient information, see Chapter 2 of the <i>PageWriter Trim Rx Cardiograph Instructions for Use</i>.</li> <li>To select a tab, press and hold down the <i>Alt</i> key on the keyboard. Press the letter key in parenthesis on the tab. For example, to select the <b>Visit</b> or <b>Clinical Info.</b> tab, press and hold down the <i>Alt</i> key and then press the <i>C</i> key.</li> </ul>
<b>B</b>	<b>Subject or Patient columns</b>	These column headers list the Patient ID fields that are contained under each tab.
<b>C</b>	<b>ID Complete check box</b>	<ul style="list-style-type: none"> <li>This check box indicates that all required subject or patient information fields are complete.</li> <li>Required subject or patient information is set in Configuration. For more information, see Chapter 2 of the <i>PageWriter Trim Rx Cardiograph Instructions for Use</i>.</li> </ul>

**Table 5-1 Patient Directory or Order Screen Description** *(continued)*

Letter	Description	Function
<b>D</b>	<b>Available Space Information</b>	Displays the number of loaded (pending) orders or subject entries on the cardiograph along with the number of orders or subject entries that may be loaded in the available space remaining on the cardiograph.
<b>E</b>	<b>Order or Subject Entry List</b>	Lists all the pending orders or subject entries loaded onto the cardiograph.
<b>F</b>	<b>Function Buttons</b>	Buttons that are used to perform functions on the screen (see Table 4-2 below).




**Table 5-2 Function Button Description**

Button	Select this button to...
<b>Select</b>	Select an order or subject entry from the list
<b>Select All</b>	Select all orders or subject entries displayed on the list
<b>Add Patient or Add Order</b>	Manually add an order or a subject entry to the list using the cardiograph keyboard
<b>Edit Patient or Edit Order</b>	Edit an order or a subject entry on the list
<b>Delete Patient or Delete Order</b>	Delete an order or a subject entry from the list
<b>Load New Patients or Load New Orders</b>	Load orders or subject entries onto the cardiograph using a PC card or a USB memory stick

## Loading Subject Entries or Orders

Orders that originate from the WebSelect Utility may be loaded onto the cardiograph using a PC card or a USB memory stick.

### To load subject entries or orders:

- 1 Press the *Tab* key () or turn the Trim Knob to highlight the **Load New Patients** or **Load New Orders** button.
- 2 Press the space bar or the Trim Knob to select the button.
- 3 The Load New Patients or Load New Orders window appears. Press the *Tab* key or turn the Trim Knob to highlight the **Select Input Source** drop-down list.
- 4 Press the space bar or the Trim Knob to open the drop-down list.
- 5 Press the up () or down () arrow key to highlight an input source.
- 6 Press the space bar or Trim Knob to select the input source.





- 7 Press the *Tab* key or turn the Trim Knob to select the **dir\...\Filename.ext** field. The cursor appears in the field. Type in the name of the subject entry or order file contained on the PC card or USB memory stick.
- 8 Press the *Tab* key or turn the Trim Knob to highlight the **OK** button. Press the space bar or the Trim Knob to select the button.

The subject entries or orders appear on the list.

## Entering New Subject Entries or Orders

Subject entries or orders may be manually entered on the cardiograph using the keyboard.

### To enter orders:

- 1 Press the *Tab* key () or turn the Trim Knob to highlight the **Add Order** or **Add Patient** button (bottom of screen).
- 2 Press the space bar or the Trim Knob to select the button.  
The **Patient ID** window appears. The **ID:** field at the top of the screen is selected. The cursor appears in the field.
- 3 Type in the subject or patient information.
- 4 Press the *Tab* key or turn the Trim Knob to select the next field on the screen.
- 5 Type in the information. Repeat the procedure to complete all of the fields on the screen.
- 6 If additional tabs appear at the top of the screen, press and hold down the *Alt* key on the keyboard. Press the letter key in parenthesis on the tab. For example, to select the **Visit** or **Clinical Info.** tab, press and hold down the *Alt* key and then press the *C* key.
- 7 Enter the information on the additional tabs as required. Press the *Tab* key or turn the Trim Knob to move to the next field. Repeat to complete all the fields on the screens.  
To open a drop-down list, press the space bar or the Trim Knob. Press the up () or down () arrow key to highlight an item on the drop-down list, then press the space bar or Trim Knob to select it.
- 8 Press the *Enter* key () to save the subject or patient information and to exit the screen. Press the *Esc* key to exit the screen without saving the subject or patient information.

The Patient Directory or Order screen appears. The new subject entry or order appears on the list and may be selected from the Patient ID screen. For more information on selecting subject entries or orders from the Patient ID screen, see Chapter 3 of the *PageWriter Trim Rx Cardiograph Instructions for Use*.





## Deleting a Subject Entry or an Order

Subject entries or orders may be deleted at any time. One subject entry or order may be deleted, or multiple subject entries or orders may be deleted at the same time.

**NOTE** Deleted subject entries or orders may not be retrieved.



**To delete an order:**





- 1 Press the up () or down () arrow key to scroll through the list and to highlight a subject entry or order to be deleted. To select multiple Orders, press and hold down the *Shift* key () and then press the up and down arrow key.
- 2 Once all subject entries or orders to be deleted have been selected on the list, press the *Tab* key () or turn the Trim Knob to highlight the **Select** button (bottom of screen). Press the space bar or the Trim Knob. The subject entries or order(s) selected for deletion appear in dark gray on the list.
- 3 Continue to select subject entries or orders to be deleted, or to delete all subject entries or orders from the list, turn the Trim Knob to highlight the **Select All** button. Push the Trim Knob to select the **Select All** button.
- 4 Press the *Tab* key or turn the Trim Knob to highlight the **Delete Patient** or **Delete Order** button. Press the space bar or the Trim Knob to select the button. A message appears to confirm the deletion of the selected subject entries or orders. The **OK** button is highlighted. Press the space bar or the Trim Knob to confirm the deletion of the selected subject entries or orders. Select the **Cancel** button to exit the window and not delete the selected subject entries or orders.
- 5 To remove subject entries or orders from the list to be deleted, press the up or down arrow key to highlight the subject entry or order. Press the *Tab* key or turn the Trim Knob to highlight the **Unselect** button. Press the space bar or the Trim Knob to select the button. Or, select the **Unselect All** button to deselect all orders.

## Editing a Subject Entry or Order

A subject entry or order may be edited at any time from the Patient Directory or Order screen.

**NOTE** Only one subject entry or order may be edited at a time.

**To edit an subject entry or order:**

- 1 The subject entry or order to be edited must be highlighted in dark blue on the list. To highlight a different subject entry or order to be edited, press the up () or down () arrow key or turn the Trim Knob to scroll through the list.
- 2 Once the subject entry or order to be edited is highlighted in dark blue, press the *Tab* key () or turn the Trim Knob to highlight the **Edit Order** button.
- 3 Press the space bar or the Trim Knob to select the button.
- 4 The information for the selected subject entry or order appears on the screen. Edit the information. If additional tabs appear at the top of the screen, press and hold down the *Alt* key on the keyboard. Press the letter key in parenthesis on the tab. For example, to select the **Visit** or **Clinical Info.** tab, press and hold down the *Alt* key and then press the *C* key.
- 5 Press the *Enter* key () to save the edits to the subject entry or order and to exit the screen. Press the *Esc* key to exit the screen without saving the edits. The edited subject entry or order appears on the list.

## Selecting a Subject Entry or a Pending Order



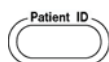
The Patient Directory or Order feature is used to pre-load subject or patient information on the cardiograph. Either feature may be enabled on the cardiograph. The *Order* feature deletes participant or patient information when it is selected from the Patient ID screen. When this feature is enabled, the **Orders** button appears on the Command Toolbar.


The *Patient Directory* feature allows the same participant information to be selected multiple times from the cardiograph. When this feature is enabled, the **Dir** button appears on the Command Toolbar.

For either option, subject or patient information is loaded onto the cardiograph using the cardiograph keyboard, or a PC card or USB memory stick. Once entered onto the cardiograph, the subject or patient information may be selected from the Patient ID screen.

For more information on using the Patient Directory or Orders screen to pre-load information onto the cardiograph, see page 5-3.




### To select subject information or a pending order:



- 1 Press the **Patient ID** button on the right side of the cardiograph. The Patient ID screen appears.
- 2 Press the *Tab* key (  ) or turn the Trim Knob to highlight the **Orders** or the **Patient Directory** button (top left of screen).
- 3 Press the space bar or the Trim Knob to select the button. The Select Pending Order window appears.

#### NOTE

The **Orders** or **Patient Directory** button only appears on the Patient ID screen when there are pending orders or subject information loaded on the cardiograph.

- 4 The available pending orders or subject entries appear on the screen as a list. Press the up (  ) or down (  ) arrow key to highlight a pending order or a subject entry on the list.
- 5 The **Select** button (bottom of screen) is highlighted. Press the space bar or the Trim Knob to select the button. The Pending Order window closes and the Patient ID screen appears. The information from this selected pending order or subject entry appears on the Patient ID screen.
- 6 Enter any missing information with the keyboard. Press the *Tab* key or turn the Trim Knob scroll between the different fields on the screen.
- 7 If other tabs appear at the top of the screen (**Clinical Info** or **Visit Info**, **Order Info** or **Other Info**), press and hold down the *Alt* key on the keyboard. Press the letter key in parenthesis on the tab. For example, to select the **Clinical Info** tab, press and hold down the *Alt* key, and then press the *C* key on the keyboard.
- 8 When all subject or patient information has been entered, press the *Enter* key (  ) on the keyboard to save the information and to exit the screen. Press the *Esc* key on the keyboard to exit the screen without saving the subject or patient information.

#### NOTE

A message appears if the Patient ID screen is exited before completing the required information fields.

# Using the Orders Feature on the PageWriter Touch Cardiograph

## Overview

The Orders feature is used before or after a patient session, or to begin a patient session. It is recommended when working with a PageWriter Touch cardiograph that orders be downloaded directly from an OrderVue order management system, using a wireless or Ethernet LAN connection, or a modem connection. Orders that originate from the WebSelect Utility can be downloaded directly to the cardiograph from removable media (USB memory stick, PC card, diskette). An order is a complete set of patient information that is saved on the cardiograph, and may be selected from either the Orders screen or the Patient ID screen to begin a patient session.

**NOTE** Only use the Orders screen before or after a patient session, or to begin a patient session. Save all ECGs and Snapshots from the Index to the Archive before using the Orders feature. Any unsaved ECGs or Snapshots that remain in the Index will be deleted.

## Using the Orders Feature on PageWriter Touch version C.01

Instructions for using the Orders feature on the PageWriter Touch cardiograph with installed software version C.01 are not included in this document. The PageWriter Touch cardiograph with installed software version C.01 supports ECG data acquisition for up to 16 leads for both adult and pediatric application. For information on using the Orders feature with installed software version C.01, please see Chapter 7 “Working with Orders” of the *PageWriter Touch Cardiograph Instructions for Use for version C.01*, part number M5000-90000, Edition 7. This document will be available for download from the Philips InCenter site ([incenter.medical.philips.com](http://incenter.medical.philips.com)) as of June, 2007.

## About Order Inboxes

Orders that are downloaded directly to the cardiograph from a TraceMasterVue Remote Site using a network or modem connection are assigned to a specific *Inbox* on the cardiograph. The Inboxes available on the cardiograph are defined by your supervisor.

For information on configuring Order Inboxes, see “Creating an Inbox” on page 2-14.

## Using the Orders Screen



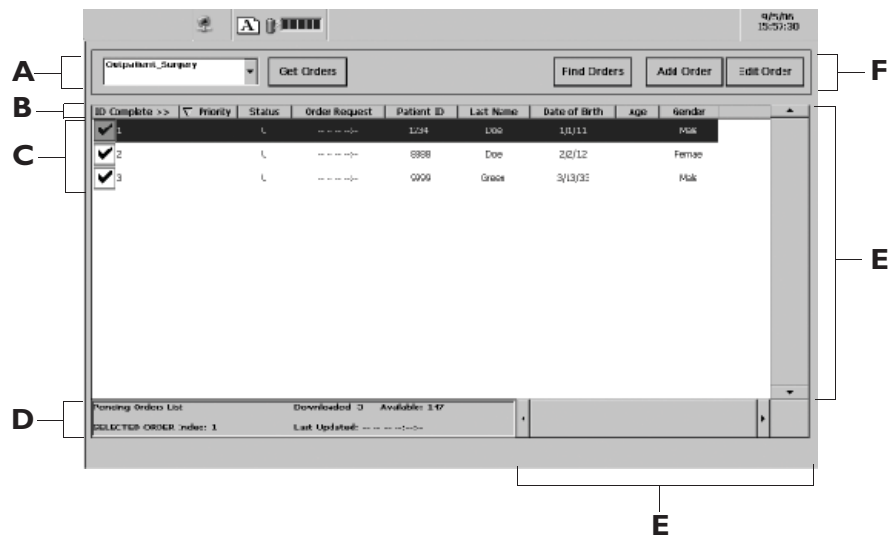
To open the Orders screen:

- Touch the **Orders** button on the Command Toolbar. The Orders screen appears.


### CAUTION

Only use Orders before or after a patient session. Save all ECGs and Snapshots from the Index to the Archive before opening the Orders screen. Any unsaved ECGs or Snapshots will be deleted.

**Figure 6-1 The Orders Screen**



**Table 6-1 Orders Screen Description**

<p><b>A</b></p> <ul style="list-style-type: none"> <li>Selected Order Inbox drop-down list.</li> <li>The available Inboxes on the cardiograph are assigned by your supervisor.</li> </ul>	<p><b>B</b></p> <ul style="list-style-type: none"> <li>Order information columns, see Table 6-2, “Order Information Columns,” on page 6-4 for more information.</li> <li>Each information column contains a patient information field.</li> <li>Touch a column to sort the displayed orders in ascending or in descending order, based on the selected patient information column.</li> <li>The selected column is indicated with an arrow (  ).</li> </ul>
<p><b>C</b></p> <ul style="list-style-type: none"> <li>The Pending Orders List that contains the available Orders for the selected Inbox; the current selected order is indicated in blue.</li> <li>To select multiple orders, press and hold the <i>Shift</i> key (on keyboard) and then touch the orders on the screen.</li> <li>Touch the <b>ID Complete</b> check box next to any order to view all patient information contained in an order in a separate window. Touch the window again to close it.</li> </ul>	<p><b>D</b></p> <ul style="list-style-type: none"> <li>Available space information.</li> <li>Displays the number of orders downloaded to the selected Inbox, and the number of additional orders that can be downloaded.</li> <li>The <b>Last Updated:</b> field displays the most recent date and time that orders have been downloaded to the selected Inbox.</li> <li>The <b>Selected Order Index:</b> field displays the sequential number of the order in the displayed Pending Orders List. The selected order is highlighted in blue. If more than one order is selected, no number displays in this field.</li> </ul>
<p><b>E</b></p> <ul style="list-style-type: none"> <li>Touch and drag the scroll bars to move left or right, or up or down on the screen to view additional order fields.</li> <li>Or, to view all of the patient information fields for an order in one window, touch the <b>ID Complete</b> check box. Touch the window again to close it.</li> </ul>	<p><b>F</b></p> <p>Order download, search, manually add, and editing features. See Table 6-3, “Order Screen Download and Edit Features,” on page 6-5 for more information.</p>

## Order Information Columns

The following table describes the order information columns that appear on the Orders screen.

**Table 6-2 Order Information Columns**

Column Name	Description		
ID Complete	<ul style="list-style-type: none"><li>■ A selected check box under this column indicates that all required patient information fields for the order are complete.</li><li>■ All required patient information fields must be complete in order to transfer the ECG with the order results back to a TraceMasterVue ECG Management System.</li><li>■ When an order that is missing required patient information is selected for a patient session, the Patient ID screen will appear after the order is selected. Complete the missing information on this screen, and then proceed to take the ECG. Or, touch the order on the screen to highlight it. Then, touch the <b>Edit Order</b> button to enter or edit order information.</li></ul>		
Priority	If an order is designated as a STAT in the order management system, the word <b>STAT</b> will appear in the column.		
Status	Can display as either <b>D</b> , <b>N</b> , or <b>U</b> .		
	<table><tr><td><b>D</b></td><td>Indicates that the order has been previously downloaded to this or any other cardiograph.</td></tr></table>	<b>D</b>	Indicates that the order has been previously downloaded to this or any other cardiograph.
	<b>D</b>	Indicates that the order has been previously downloaded to this or any other cardiograph.	
	<table><tr><td><b>N</b></td><td>Indicates that the order is new and has not been previously downloaded to any cardiograph.</td></tr></table>	<b>N</b>	Indicates that the order is new and has not been previously downloaded to any cardiograph.
<b>N</b>	Indicates that the order is new and has not been previously downloaded to any cardiograph.		
<table><tr><td><b>U</b></td><td>Indicates that the status of the order is unknown, or the order has been entered directly on the cardiograph.</td></tr></table>	<b>U</b>	Indicates that the status of the order is unknown, or the order has been entered directly on the cardiograph.	
<b>U</b>	Indicates that the status of the order is unknown, or the order has been entered directly on the cardiograph.		
Order Request	Displays the date and time that the order originated in the order management system.		
Patient ID, Last Name, Date of Birth, Age, Gender, and other patient information fields	<ul style="list-style-type: none"><li>■ Lists information about the specific patient associated with the order.</li><li>■ The number of columns that appear are specified by your facility.</li></ul>		

## Order Screen Download and Edit Features

The following table describes the download, edit, search, and manual add features available on the Orders screen. The buttons used to access these features are found at the top of the Orders screen.

**Table 6-3 Order Screen Download and Edit Features**

Button	Touch this button to...
<b>Get Orders</b>	Download orders to the selected Inbox. The selected Inbox displays in the drop-down list to the left of the button.
<b>Find Orders</b>	Open the Find Order window. From this window you can search for orders in any available Inbox. For more information, see “Searching for Orders” on page 6-6.
<b>Add Order</b>	Manually add an order to the selected Inbox.
<b>Edit Order</b>	Edit the patient information for the selected order. The selected order is highlighted in blue on the screen. Only one order may be edited at a time.

## Downloading Orders to an Inbox

Orders assigned to a specific Inbox can be downloaded to the cardiograph whenever necessary. The cardiograph must be connected to the network to use this feature.

Depending on how the cardiograph is configured, the new orders downloaded to the cardiograph either replace all of the existing orders in the Pending Orders list, or are added to the end of the Pending Orders list.

### To download orders to an Inbox:



**Inbox  
drop-down  
list**

- 1 Ensure that the correct Inbox is selected in the Inbox drop-down list. Touch the drop-down arrow button, or the name of the selected Inbox to open the drop-down list. Touch an Inbox to select it.
- 2 Touch the **Get Orders** button. The Accessing Remote Site progress window appears. The downloaded orders appear on the Pending Orders list on the screen. If an error message appears, check that the cardiograph has an active network connection, or wireless LAN connection, and try again. If the cardiograph has a network connection but orders cannot be downloaded, there may be an issue with the TraceMasterVue Remote Site. Check with your supervisor for further assistance.

## Loading Orders from a USB Memory Stick, PC Card, and Diskette

Orders may be loaded on the cardiograph directly from a USB memory stick, PC card, or diskette. These orders originate from the WebSelect Utility.

Depending on how the cardiograph is configured, the new orders downloaded to the cardiograph from removable media either replace all of the existing orders in the Pending Orders list, or are added to the end of the Pending Orders list.

**NOTE** Ensure that all patient information that is saved to a USB memory stick, PC card, or to diskette is kept in a safe place and is only accessed by authorized personnel.

---

**CAUTION** Do not insert a USB memory stick into the cardiograph, or remove a USB memory from the cardiograph when the cardiograph is acquiring ECG data from a patient.

---

---

**CAUTION** Only use the USB memory stick to transfer data between a PageWriter Touch cardiograph and a computer. Do not use the memory stick with other devices.

---

### To download orders to an Inbox:



- 1 Insert the removable media (USB memory stick, PC card, diskette) into the correct slot on the cardiograph.
- 2 Ensure that the correct Inbox is selected in the Inbox drop-down list. Touch the drop-down arrow button, or the name of the selected Inbox to open the drop-down list. Touch the applicable removable media (**Floppy Disk**, **PC Card**, **USB Drive**) on the list to select it.
- 3 Touch the **Get Orders** button. The Load New Orders window appears. Ensure that the correct removable media is selected from the **Select Input Source** drop-down list (upper left side of the screen).
- 4 Touch the **Browse** button. The removable media directory window appears. Under **Filename** (right side of window), touch an order to highlight it. The highlighted order is highlighted in blue.

**NOTE** To delete an order from the removable media, touch the order to highlight it, then touch the **Delete** button (upper left side of window).

- 5 Touch the **Select** button. The window closes. On the Load New Orders window, touch the **OK** button. The order appears in the Pending Orders list.

## Searching for Orders

You can search for orders in any Inbox that is available on the cardiograph. This feature is available on the Patient ID screen (used during an active patient session), or from the Orders screen.

Or, you can search for an order using data scanned from a barcode reader or a magnetic card reader during a patient session. This feature is only used with Patient ID screen.



The cardiograph must be connected to the network to use either order search feature.

For more information on using the Patient ID screen during an active patient session, see Chapter 4 of the *PageWriter Touch Cardiograph Instructions for Use*. The file is available for download from the Philips InCenter site ([incenter.medical.philips.com](http://incenter.medical.philips.com)).



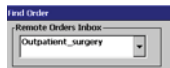
**Patient ID**



**ORDERS**

**To search for orders:**

- 1 Touch either the **Patient ID** button or the **Orders** button to search for an order.
- 2 On either screen, touch the **Find Orders** button (located at either the top or bottom of the screen). The Find Order window appears.
- 3 Under **Remote Orders Inbox**, touch the drop-down arrow button or the name of the displayed Inbox to open the drop-down list.
- 4 Touch an Inbox to select it. The order search will only be conducted on the selected Inbox.
- 5 Under **Patient Data**, enter search information into the available patient information fields as necessary. All of the information that is entered into the patient information fields will be used in the search. Enter the wildcard character (\*) into any field to broaden the search information. For example, to search for orders for all patients with the last name of Smith, enter **Smith\*** into the **Last Name** field.
- 6 When all patient information to be used in the search is entered, touch the **Find Network Orders** button (top of screen). The Accessing Remote Site window appears.  
Any orders that match the entered last name, patient ID, or date of birth fields appear at the top of the search results list. Any orders that match an entered room number or first name, appear at the bottom of the list.
- 7 Touch an order to select it. To select multiple orders, press and hold the *Shift* key (on keyboard) and then touch the ECGs on the screen.



**Inbox  
drop-down  
list**

- 8 Select either the **Get Order** button or the **Start Exam** button as described in Table 6-4.

**Table 6-4 Order Search Results Features**

Get Order button	Start Exam button
<ul style="list-style-type: none"> <li>■ Touch this button to save the selected order(s) to the Pending Orders List.</li> <li>■ Depending on how the cardiograph is configured, any orders downloaded from the search results window either replace all of the existing orders in the Pending Orders list, or are added to the end of the Pending Orders list.</li> </ul>	<ul style="list-style-type: none"> <li>■ Only one order may be selected to use this feature.</li> <li>■ Touch this button to automatically load the selected order on the R/T ECG screen and use it immediately for a patient session.</li> <li>■ The selected order is always added to the end of the current Pending Orders List, even if the cardiograph is configured to delete the existing orders in the Pending Orders list whenever new orders are selected.</li> <li>■ If the selected order is missing any required patient information fields (indicated in blue), the Patient ID screen appears on the R/T ECG screen and displays the patient information for the order. Complete any missing patient information for the order and proceed to take the ECG. For more information on taking ECGs on the cardiograph, see Chapter 4 of the <i>PageWriter Touch Cardiograph Instructions for Use</i>. This file is available for download from the Philips InCenter site at (<a href="http://incenter.medical.philips.com">incenter.medical.philips.com</a>).</li> </ul>

## Searching for Orders Using Patient Information Scanned from a Barcode Reader or Magnetic Card

Patient information scanned from a barcode reader or magnetic card can be used to search for an order. Use this procedure to begin a patient session. For more information on taking ECGs during a patient session, see Chapter 4 of the *PageWriter Touch Cardiograph Instructions for Use*. This file is available for download from the Philips InCenter site at ([incenter.medical.philips.com](http://incenter.medical.philips.com)).

**To search for orders using scanned data:**

- 1 Touch the **Patient ID** button on the Context Toolbar. The Patient ID screen appears with the cursor in the **Patient ID** field.
- 2 If the data scanned from the barcode or magnetic card contains the Patient ID number for the patient, leave the cursor in this field. If the scanned data is associated with another field, touch that field, or press the *Tab* key (on keyboard) to scroll to the applicable field.
- 3 Hold the barcode scanner at a 45 degree angle and scan the barcode. Or, insert the magnetic card into the magnetic card reader slot (front of cardiograph). Leave the card in the slot for five seconds, then remove it. The scanned data appears in the field.
- 4 Touch the **Find Order** button (bottom of the screen). The Find Order window appears. Any orders that match the entered data appear in the search results list. If the correct order is not found, a manual order search is required. See “Searching for Orders” on page 6-6.
- 5 Touch an order to select it. The selected order is highlighted in blue.
- 6 Touch the **Start Exam** button. The order is automatically selected and the R/T ECG screen appears. The patient information for the selected order appears on the Status Bar (top of screen). If the selected order is missing any required patient information fields (indicated in blue), the Patient ID screen appears on the R/T ECG screen and displays the patient information for the order. Complete any missing patient information for the order and proceed to take the ECG.

## Manually Entering Orders with the Keyboard

Orders may be entered manually at the cardiograph using the keyboard, if necessary.

---

**CAUTION** Orders that are entered manually at the cardiograph will not automatically reconcile on the TraceMasterVue ECG Management System.

---

**To enter orders using the keyboard:**

- 1 Touch the **Add Order** button (top of screen).  
The Add New Order screen appears. The blinking cursor appears in the **Patient ID** field (top of screen). Required patient information fields are indicated in blue. These fields must be complete in order to transfer the ECG and the order results back to a TraceMasterVue ECG Management System.
- 2 Enter the patient information. Press the *Tab* key (on keyboard) to move between the different fields on the screen.
- 3 Touch the **OK** button to save the order. The order appears in the Pending Orders list and may be selected during a patient session.

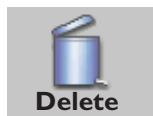
**NOTE** Touch the **Cancel** button to exit the screen without saving the Order.

## Deleting Orders

Orders may be deleted at any time from the Orders screen.

**NOTE** Deleted orders may not be retrieved.

### To delete a pending order:



- 1 Touch the order to be deleted from the Pending Orders List (center of screen). The selected order is highlighted in blue. To select multiple orders, press and hold the *Shift* key (on keyboard) and then touch the orders to be deleted.
- 2 Touch the **Delete** button on the Context Toolbar. A message appears to confirm that the selected orders are to be deleted. Touch **OK**. Touch **Cancel** to exit and not delete the orders.  
The message **Accessing Pending Orders List** appears and the orders are deleted from the list.

## Editing Orders

Orders may be edited at any time on the Orders screen. Only one order may be edited at a time.

---

**CAUTION** If any patient information in an order is edited at the cardiograph, the ECG will not automatically reconcile on the TraceMasterVue ECG Management System.

---

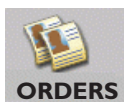
### To edit a pending order:

- 1 Touch an order to select it. The selected order is highlighted in blue.
- 2 Touch the **Edit Order** button (top of screen). The Edit Selected Order window appears.
- 3 Edit the patient information on the screen.
- 4 Touch the **OK** button when done. The edited order is saved to the Pending Orders list.

## Selecting an Order to Begin a Patient Session

Any order contained in the Pending Orders List may be selected to begin a patient session. For more information on all of the steps involved in a typical patient session, see Chapter 4 of the *PageWriter Touch Cardiograph Instructions for Use*. This file is available for download from the Philips InCenter site at ([incenter.medical.philips.com](http://incenter.medical.philips.com)). If an order is not found in the Pending Orders List, see "Searching for Orders" on page 6-6.

**NOTE** Only use this feature at the beginning of a patient session. Opening the Orders screen deletes all ECGs and Snapshots saved in the Index. If ECGs or Snapshots from the current patient are saved in the Index, and an order needs to be selected for the patient, do not follow this procedure. Select the order directly from the Patient ID screen. For more information, see Chapter 4 of the *PageWriter Touch Cardiograph Instructions for Use*. This file is available for download from the Philips InCenter site at ([incenter.medical.philips.com](http://incenter.medical.philips.com)).



Inbox  
drop-down  
list



**To select an order to begin a patient session:**

- 1 Touch the **Orders** button on the Command Toolbar.
- 2 Ensure that the correct Inbox is selected in the Inbox drop-down list. Touch the drop-down arrow button, or the name of the selected Inbox to open the drop-down list. Touch an Inbox to select it.
- 3 The available pending orders for the selected Inbox appear on the screen. Touch an order to select it. The selected order is highlighted in blue.
- 4 Touch the **R/T ECG** button. The order is selected for the current patient session. The R/T ECG screen appears with the patient information for the selected order appearing on the Status Bar (top left of the screen). If the selected order is missing any required patient information, the Patient ID screen appears and displays the patient information for the order. Complete the patient information, and proceed to take the ECG.

# Using Orders on the PageWriter XLi Cardiograph

Follow the procedures in this chapter to configure the PageWriter XLi cardiograph for use with the WebSelect Utility application, to edit XLi orders on the WebSelect Utility, and to download orders to the cardiograph.

## Configuring the PageWriter XLi for Use with the WebSelect Utility

The PageWriter XLi cardiograph must be configured before orders that originate from the WebSelect Utility are downloaded to the cardiograph.

The field **OrderID** in the Global Configuration menu must be configured before downloading orders to the cardiograph.

**To configure the PageWriter XLi for orders:**

- 1 Press the **Menu** button until the following menu appears.

<b>Transmit Store</b>	<b>Config</b>	<b>Check Disk</b>	<b>Files</b>
-----------------------	---------------	-------------------	--------------

- 2 Press **Config>Global** to access the Global Configuration menu. If prompted, enter your password.
- 3 Use the following soft keys to navigate on the Global Configuration menus.

**Table 7-1 Global Configuration Menu Navigational Keys**

<b>Soft Key</b>	<b>Function</b>
Enter	Accepts current setting, then advances to the next parameter in the list; or returns to the menu if pressed when the last parameter in the list is displayed.
Choose	Advances through the list of choices for the specified parameter.

**Table 7-1 Global Configuration Menu Navigational Keys** *(continued)*

Soft Key	Function
Previous	Returns to the previous display (does not appear on the first display).
Exit	Returns to the main menu.

- 4 Press **Enter** until you get to the User A or User B label.
- 5 Type **orderid** in the User A or User B label.  
You must enter orderid as the label, but it is not case-sensitive.
- 6 Press **Enter** to save the selection.
- 7 Press **Exit**.

## Editing PageWriter XLi Orders on the WebSelect Utility

Follow the procedure described below to edit orders on the WebSelect Utility that are intended for the PageWriter XLi cardiograph. Do not use this procedure to edit orders intended for other PageWriter cardiographs.

### To edit XLi orders on the WebSelect Utility:

- 1 Open the WebSelect Utility and view orders on the main screen. For more information, see “Opening the WebSelect Utility” on page 3-2.
- 2 Click on an order to select it. The selected order is indicated in yellow. Only one order may be edited at a time.
- 3 Double-click on the order to be edited.
- 4 The Edit Record screen appears. Edit the information on the screen as necessary.
- 5 When all edits are complete, click **Save**. Click the **Print Preview** link (bottom of screen) to print a copy of the order.

**NOTE** Click the **Show Detail** button to view all of the order information fields for the order on one screen. The fields on this screen may not be edited and are for viewing purposes only.

## Downloading Orders to the PageWriter XLi

Follow the procedure below to download orders to a PageWriter XLi cardiograph. For information on downloading orders from the WebSelect Utility to a diskette, see “Selecting and Downloading Orders” on page 3-4.

### To download orders to a PageWriter XLi:

- 1 Insert the diskette into the diskette drive on the cardiograph.
- 2 Press the **Alt** and **ID** buttons at the same time. The order information on the diskette is opened. The orders available on the diskette appear on the display.

- 3 Press the up or down arrows to navigate on the order list and to select an order. The selected order is highlighted on the display.
- 4 Proceed to take an Auto ECG. For more information on taking Auto ECGs on the PageWriter XLi cardiograph, see the *PageWriter XLi Cardiograph User's Reference Guide*. This file is available for download from the Philips InCenter site ([incenter.medical.philips.com](http://incenter.medical.philips.com)). For information on using the InCenter site, see "Using the Philips InCenter Site" on page 1-3.



## A

auto negotiation 2-4

## C

clinical information

configuring 2-21

configuration

configuring multiple

cardiographs 2-2

network and modem settings 2-8

Patient ID screen default  
settings 2-18

Patient ID screen layout  
settings 2-26

Configuring Cardiograph and  
TraceMasterVue Communication  
Guide 2-2

customer service

telephone numbers 1-4

## D

department identification

configuring fields 2-23

Device ID

configuring 2-17

Device IP Address setting 2-4

DHCP 2-4, 2-6

using for wired and wireless  
connectivity 2-6

document downloads 1-3

## E

Ethernet settings 2-4

## F

facility identification

configuring fields 2-23

Fixed IP Address 2-4

## I

InCenter Site 1-3

InCenter site 1-3

institution settings 2-17

IP address 2-4

## K

keyboard

entering Orders 4-4, 5-4, 6-9

## L

LAN settings

using DHCP for wired and  
wireless 2-6

LOC

configuring 2-17

## M

modem card

configuring settings 2-8

## N

network settings

configuring on a PageWriter  
Touch cardiograph 2-3

ping test 2-4

## O

operator identification

configuring fields 2-23

or 5-1

order information

configuring 2-22

Orders

deleting 4-5, 5-4, 6-10

entering with keyboard 4-4, 5-4, 6-  
9

using the Orders screen 6-2

using to enter Patient ID  
information 4-6

OrderVue

configuring optional Patient ID

fields on cardiograph 2-24

creating an Inbox on the  
PageWriter Touch

cardiograph 2-14

OrderVue Installation and

Configuration Guide 1-2

## P

PageWriter Trim Cardiograph

Wireless LAN Installation

Instructions 1-3

PageWriter Trim I/II/III

Cardiograph Instructions for Use 1-  
2

PageWriter Trim III cardiograph

Orders Quick Search Feature 4-7

PageWriter Trim Rx cardiograph

using orders feature 5-1

PageWriter Trim Rx Cardiograph

Instructions for Use 1-2

PageWriter XLi cardiograph

configuring for use with  
orders 7-1

downloading orders 7-2

editing orders on WebSelect  
Utility 7-2

using the orders feature 7-1

PageWriter XLi Cardiograph

User's Reference Guide 1-3

PageWriter Touch cardiograph

configuring network settings 2-3

configuring Remote Site  
settings 2-7

institution settings 2-17

modem configuration 2-8

using the orders feature 6-1

PageWriter Touch cardiograph and  
OrderVue

configuring settings 2-1

PageWriter Touch Cardiograph

Instructions for Use 1-2

PageWriter Touch Cardiograph

Wireless LAN Installation

Instructions 1-3

Patient ID information

default settings 2-18

deleting Pending Orders 4-5, 5-4,  
6-10

entering Orders at cardiograph 4-  
4, 5-4, 6-9

loading Orders 6-2

opening a Pending Order 4-6

Patient ID screen

configuration options 2-19

configuration overview 2-18

configuring clinical information  
fields 2-21

configuring miscellaneous

information fields 2-23

configuring optional fields 2-23

configuring order information  
fields 2-22

configuring patient information  
fields 2-20

configuring the layout of the  
screen 2-26

patient weight and height  
configuring fields 2-23

Pending Order  
using to enter Patient ID  
information 4-6

Philips 12-Lead ECG XML  
Information and Tools 1-3

Philips InCenter Site 1-3

Philips InCenter site 1-3

ping test 2-4

## **R**

---

Remote Access Server (RAS) 2-8

Remote Site Settings 2-7

Remote Sites  
modem connection 2-8  
network connection 2-8

Response Center  
telephone numbers 1-4

room number  
configuring field 2-23

## **S**

---

Screen 4-1

Secure Sockets Layer (SSL) 2-9

software downloads 1-3

## **T**

---

TraceMasterVue  
other resources 1-2

troubleshooting  
Philips Response Center phone  
numbers 1-4

## **U**

---

UPIN (Universal Physician  
Identification Number)  
configuring 2-22

user defined fields  
configuring 2-23

Using OrderVue with  
TraceMasterVue 1-2

## **W**

---

WebSelect Utility 3-1  
wireless LAN card  
using with DHCP 2-6

## **X**

---

XML

information and tools 1-3



Philips Medical Systems  
3000 Minuteman Road  
Andover, MA 01810 USA  
Printed in USA

Using OrderVue with PageWriter Cardiographs  
Instructions For Use  
453564038681  
Edition 2

