# CONTENTS

1.	FEATURES2		
2.	RECOMMENDED USE	3	
3.	CONNECTING YOUR PROPHETVIEW 920		
	3.1. Connecting to a PC	4	
	3.2. Connecting to a video device (Prophetview 920DVi only)	5	
4.	DRIVER INSTALLATION	6	
	4.1. Driver installation for Windows 98		
	4.2. Driver installation for Windows Millennium		
	4.3. Driver installation for Windows 2000		
	4.4. Driver installation for Windows XP	8	
5.	OSD MENU FUNCTIONS		
	5.1. OSD buttons	9	
	5.2. Auto-adjust	9	
	5.3. Brightness setting	9	
	5.4. Main menu		
	5.5. Selecting the video signal (Prophetview 920DVi only)	11	
6.	HARDWARE OPTIONS	12	
	6.1. Anti-theft device	12	
	6.2. Wall mounting	12	
7.	TECHNICAL SPECIFICATIONS	13	
8.	TROUBLESHOOTING	14	
9.	TECHNICAL SUPPORT15		
	9.1. If you need to return a product	15	
	9.2. Save time by registering your product online!	15	

# 1. FEATURES

The HERCULES Prophetview 920 is a high quality, 17-inch TFT-LCD (Thin Film Transistor – Liquid Crystal Display) monitor that works in conjunction with VGA graphics boards (and DVI graphics boards for the Prophetview 920DVi).

Your Prophetview 920 offers a large display area and is suitable for use as a 19-inch class monitor, at a recommended resolution of 1280x1024 pixels.

Distortion-free and unsusceptible to electromagnetic interference, the Prophetview 920's sharp, lifelike picture, wide viewing angle and space-saving design make it the ultimate monitor for home or business users!

TFT-LCD monitor

The Prophetview 920's sleek 17-inch LCD panel (equivalent to a 19-inch CRT monitor) takes up very little space on your desktop, leaving more room available for other peripheral devices. Desk space can now be used more efficiently than ever, thanks to the panel's impressive depth of only 28mm!

Plug and Play compatible

Your Prophetview 920 conforms to the VESA (Video Electronics Standards Association) and DDC1/2B standards. The picture adjustment function allows the image quality to be adjusted to match the input signal.

Low power consumption

Your Prophetview 920 features very low power consumption (<35W in power on mode, <4W in standby mode) and auto power switch (90~264V).

Easy-to-use On-Screen Display (OSD) menu

Your monitor's display is easily configurable using the OSD menu and its 4-button system. You may either use the auto-adjust function or manually adjust the advanced settings.

Environmentally friendly

As the Prophetview 920 is TCO95 compliant, power consumption can be reduced by using your monitor in combination with a computer that conforms to the VESA DPMS (Display Power Management Signaling) standard.

Mode	Power indicator	Power consumption
Power on	Green	<35W
Standby	Amber	<4W
Deep sleep	No light	<4W

# 2. RECOMMENDED USE

For optimum performance, please note the following when setting up and using your Prophetview 920:

- Do not open up your Prophetview 920. Opening or removing the cover may expose you to dangerous shock hazards or other risks. Warning: warranty is void if the monitor has been opened.
- Unplug the monitor's power cord and disconnect it from your computer before cleaning. Do
  not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
- Avoid using your Prophetview 920 in extreme heat or humidity, as this may cause color loss or damage.
- Place your Prophetview 920 on a flat surface to prevent it from falling.
- Install your Prophetview 920 in a well-ventilated room, and do not cover the ventilation openings.
- Keep all liquids and chemicals away from your Prophetview 920.
- Switch off both your Prophetview 920 and your computer before connecting or disconnecting the video cable (either VGA or DVI according to the version of your monitor).
- To protect your Prophetview 920 during electrical storms, disconnect it from your computer and unplug its power cord. This will prevent it from being damaged by lightning or power surges.
- Handle your Prophetview 920 with care when moving it. Make sure that you keep hold of all
  packaging materials, in case you need to transport your Prophetview 920 in the future.

# 3. CONNECTING YOUR PROPHETVIEW 920

Remove your Prophetview 920 from its packaging along with the various different elements required for installation:



**TFT-LCD** monitor



Installation CD-ROM



AC power adapter



Power cord

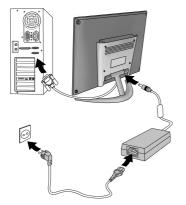


DVI / VGA adaptor (Prophetview 920DVi only)

### 3.1. Connecting to a PC

- Switch off your computer.
- You may also need to disconnect your previous monitor from the system.

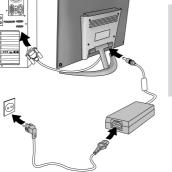
### 3.1.1.Prophetview 920



- Connect the VGA cable to the VGA output on your graphics board.
- Connect the AC adapter cable to the power terminal at the back of the monitor base.
- Connect the power cord to the AC adapter.
- Plug in the monitor's power cord.
- Switch on your computer and monitor (for the latter, by pressing the  $\overset{}{O}$  button).

Your Prophetview 920 is now ready for use.

### 3.1.2. Prophetview 920DVi



- Connect the DVI cable to the DVI output on your graphics board.

# If you wish to connect the Prophetview 920DVi to a VGA output:

- Connect the supplied DVI / VGA adaptor to the DVI cable.
- Connect the DVI / VGA adapter to the VGA output on your graphics board.
- Connect the AC adapter cable to the power terminal at the back of the monitor base.
- Connect the power cord to the AC adapter.
- Plug in the monitor's power cord.
- Switch on your computer and monitor (for the latter, by pressing the  $\overset{\circ}{O}$  button).

Your Prophetview 920DVi is now ready for use.

### 3.2. Connecting to a video device (Prophetview 920DVi only)

You can connect other video devices, such as a games console or camcorder, to your Prophetview 920DVi via the composite video input.

- Connect the video device to the composite video input at the back of the monitor base (connection cable not supplied).
- Switch on your video device.

Refer to section <u>Selecting the video signal</u> for more information about activating the composite video input on your Prophetview 920DVi.

# 4. DRIVER INSTALLATION

#### 4.1. Driver installation for Windows 98

Windows will display an Add New Hardware Wizard dialog box informing you that the system has found a Plug and Play Monitor.

- Insert the installation CD-ROM into your CD-ROM drive.
- Click on Next.





The wizard will suggest a Search for the best driver for your device. (Recommended).

- Click on Next.

The wizard will ask you for the path of the driver.

- Enable the CD-ROM drive option.
- Click on Next.

Windows will inform you that it has detected other compatible drivers.

- Click on Next.

The wizard will then display the name of your monitor.

- Click on Next to start the driver installation.
- Click on Finish to complete the setup.

### 4.2. Driver installation for Windows Millennium



Windows will display an Add New Hardware Wizard dialog box informing you that the system has found a Plug and Play Monitor. The wizard will suggest an Automatic search for a better driver (Recommended).

- Insert the installation CD-ROM into your CD-ROM drive.
- Click on Next.

The Select Other Driver dialog box appears.

- Click on OK.
- Click on Finish to complete the setup.

### 4.3. Driver installation for Windows 2000

Windows 2000 uses default drivers for your monitor. You must therefore replace these standard drivers with Hercules drivers.

- Click on Start/Settings/Control Panel.
- Double-click on the System icon.
- Select the Hardware tab.
- Click on Device Manager....

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- Click on the + sign to the left of  $\ensuremath{\textbf{Monitors}}$  .
- Double-click on Plug and Play Monitor.
- Select the Driver tab.
- Click on Update Driver....
- Click on Next.

The wizard will suggest a Search for a suitable driver for my device (recommended).

- Click on Next.

The wizard will then prompt you to designate an optional search location.

- Enable the CD-ROM drives option.

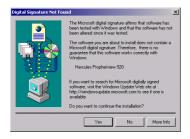
- Insert the installation CD-ROM into your CD-ROM drive.

# If the Prophetview 920 installation menu appears:

- Close it by clicking on 🗵
- Click on Next.

Windows will then specify the path and name of the folder where the drivers are located.

- Click on Next to continue the driver installation.

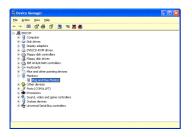


The Digital Signature Not Found dialog box appears.

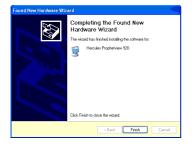
- Click on Yes.
- Click on Finish to complete the setup.

#### 4.4. Driver installation for Windows XP

Windows XP uses default drivers for your monitor. You must therefore replace these standard drivers with Hercules drivers.







- Click on Start/Control Panel.
- Double-click on the System icon.
- Select the Hardware tab.
- Click on Device Manager.
- Click on the + sign to the left of Monitors.
- Double-click on Plug and Play Monitor.
- Select the Driver tab.
- Click on Update Driver....

The wizard will suggest that you Install the software automatically (Recommended).

- Insert the installation CD-ROM into your CD-ROM drive.

The drivers will be installed automatically after a few seconds.

#### If the drivers are not installed automatically:

- Click on Next.

# If the Prophetview 920 installation menu appears:

- Close it by clicking on II.

Windows may display a Hardware Installation warning.

- Click on Continue anyway.
- Click on Finish to complete the setup.

# 5. OSD MENU FUNCTIONS

### 5.1. OSD buttons

The OSD menu allows you to apply customized settings to your display. The OSD buttons have the following functions:

$\bigcirc$	Default function	Auto-adjust.	
Ŭ	OSD function	Selects OSD icon above.	
0	Default function	Displays the OSD main menu.	
0	OSD function	Selects OSD icon below.	
Ð	Default function	Displays the <b>BRIGHTNESS</b> setting and increases the brightness value.	
	OSD function	Increases value for highlighted item.	
Θ	Default function	Displays the <b>BRIGHTNESS</b> setting and decreases the brightness value.	
	OSD function	Decreases value for highlighted item.	

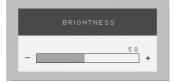
### 5.2. Auto-adjust

Press the O button to automatically adjust the following display parameters: horizontal and vertical position, phase and frequency.



## 5.3. Brightness setting

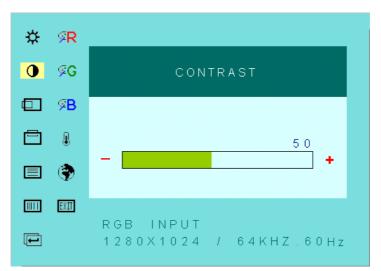
Press either the  $\oplus$  or  $\Theta$  button to display the **BRIGHTNESS** setting. Now adjust the brightness by using the  $\oplus$  and  $\Theta$  buttons.



#### 5.4. Main menu

Press the  $\bigcirc$  button to display the OSD main menu. The OSD menu automatically saves any changes and disappears if no button is pressed within 10 seconds.

Note on the Prophetview 920DVi: the options available on the OSD menu vary according to which video input has been activated.



₽	Adjusts brightness.
•	Adjusts screen contrast.
<b>•</b>	Adjusts the horizontal image position.
<b>*</b>	Adjusts the vertical image position.
*	Adjusts the focus of the display. Alter this setting if characters pile up on each other.
*	Adjusts the screen's horizontal size by increasing or reducing the number of pixels.
Ę	Restores default settings.
%R∗	Adjusts red color gain.
⊊G∗	Adjusts green color gain.
۶₿∗	Adjusts blue color gain.
J. **	High temperatures mean cool colors (blue, green, purple), whereas low temperatures mean warm colors (red, yellow, orange). Four settings are available: USER (customized adjustment of the $\Im R$ , $\Im G$ and $\Im B$ options), 9300K (screen image is bluish), 6500K (screen image is reddish) and OFFICE (optimized display for office use).

۲	Select a language from among the five available using the $\oplus$ or $\bigcirc$ button, and then press the $\bigcirc$ or $\oslash$ button. The OSD menu is now displayed in the language you have selected.	
	Selects a video signal: DVI, VGA or composite video (Prophetview 920DVi only).	
EXIT	Closes the OSD menu.	
×**	Adjusts image saturation.	

\* Option only available with VGA input.

\*\* Option only available with VGA and composite video inputs.

\*\*\* Option only available with composite video input.

### 5.5. Selecting the video signal (Prophetview 920DVi only)

Your Prophetview 920DVi can receive either a DVI or VGA-type video signal (via the video cable) or a composite video signal (via the composite video input). As it is impossible to display several signals at once, you need to select the input that you wish to use. To do this:

- Press the  $\bigotimes$  button to display the OSD main menu.

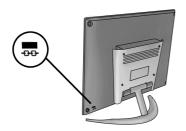
- Select the 🖼 icon.

- Select the input you require (**DVI** if your Prophetview 920DVi is connected to the DVI output of your graphics board, **RGB** if your Prophetview 920DVi is connected to the VGA output of your graphics board or **VIDEO** if you have connected a video device to the composite video input) using the  $\bigoplus$  or  $\bigoplus$  button.

The display then switches to the selected video signal.

# 6. HARDWARE OPTIONS

#### 6.1. Anti-theft device



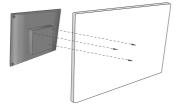
Protect your Prophetview 920 against theft with an adapted security device (not supplied). Refer to your security device documentation for installation instructions.

#### 6.2. Wall mounting

Your Prophetview 920 can be attached to a wall or an articulated arm to free up desk space (only 28mm deep).



- Switch off your computer and Prophetview 920 and disconnect the power cords.
- Unplug the video cable.
- Unscrew the 2 screws holding the metal plate in place on the back of the monitor.
- Unscrew the 4 screws attaching the monitor base.



- Fix your Prophetview 920 to the wall (or to an articulated arm) via the 3 attachment holes (screws not supplied).
- Plug the video cable back in.
- Reconnect the computer and Prophetview 920 power cords.
- Switch on your computer and monitor (for the latter, by pressing the O button).

Your Prophetview 920 is now ready for use.

# 7. TECHNICAL SPECIFICATIONS

	Size: Display type: Number of pixels: Color depth: Pixel pitch: Brightness: Contrast ratio: Response time: Backlight unit:	17" (43.2cm) Color TFT LCD Active Matrix 1280x1024 16.7 million colors 0.264x0.264mm 250Cd/m <sup>2</sup> 350:1 <25ms 4 CCFL lamps
	Color:	Blue fashionable design
STAND CONTROL	Backward tilt: Forward tilt:	20 degrees -2 degrees
VIEWING ANGLE	Wide v. a. technique: Horizontal: Vertical:	Compensation film 150 degrees 130 degrees
FREQUENCY	Horizontal scan: Vertical scan:	30~80kHz 50~85Hz
AUTO ADJUSTMENT SCREEN IMAGE	640x480 720x400 800x600 1024x768 1280x1024	60Hz, 72Hz, 75Hz 70Hz 60Hz, 72Hz, 75Hz 60Hz, 70Hz, 75Hz 60Hz, 70Hz, 75Hz
COMMUNICATION	Plug & Play	DDC1/2B (Windows)
INPUT SIGNAL	Signal level: Synchronization: VGA compatibility:	RGB analog 0.7Vpp/75Ω H/V Separate (TTL) VESA VGA / SVGA / XGA, MACII, PC99
ENVIRONMENTAL CONDITIONS	Operating temperature: Operating humidity:	0~40°C Less than 85%
POWER	Power input: Power adapter: Power consumption: Power management:	AC 90-264V, 50/60Hz (auto-adjusting) 12V DC Less than 35W Standby mode: less than 4W
SAFETY & REGULATIONS	Safety: EMC:	IEC950, UL1950, CSA, CE-LVD, TUV-GS FCC Class B, CE, TCO95
DIMENSIONS	WxHxD:	435x338x28mm
WEIGHT	Set: Box:	5.6kg 7.7kg

# 8. TROUBLESHOOTING

#### There is no image on the screen

- Make sure that the video cable is correctly connected to the graphics board.
- Make sure that the power button on your monitor and the power switch on your computer are both in the ON position.
- Check the signal cable connectors for bent or pushed-in pins.

#### LED on monitor is amber (and no image on screen)

- Make sure that the video cable is correctly connected to the graphics board.
- Make sure that your computer is not in standby mode (hit a key or move the mouse to exit this mode).

#### LED on monitor is green (and no image on screen)

Adjust the brightness and contrast settings in the OSD menu.

#### The message "SIGNAL OVER RANGE" is displayed on the screen

Check your graphics board specifications and select a vertical frequency between 60 and 85Hz.

#### The message "RGB NO INPUT SIGNAL" is displayed on the screen

Make sure that the video cable is correctly connected to the graphics board.

#### Display is not clear

- Adjust the PHASE and FREQUENCY settings in the OSD menu.
- Select the recommended screen settings: 1280x1024 @ 60Hz.

#### Display is not centered on screen

- Use the OSD menu to increase or decrease HORIZONTAL and VERTICAL POSITION.
- Make sure that your system's display settings are compatible with your Prophetview 920. (Please refer to your graphics board or operating system manuals to change the resolution or refresh rate.)

# 9. TECHNICAL SUPPORT

Before you contact us (\*), please have the following information/items ready:

- Product name,
- Date of purchase of your product,
- Your full system configuration details: processor type, memory, operating system,
- Pen and paper.

Please have your computer switched on and ready at the point where you have encountered a problem.

### 9.1. If you need to return a product

Hercules offers a standard 3 year parts & service warranty.

- 1. To return a product for factory service, contact a Hercules technical support representative at the phone number corresponding to the country you live in (\*).
  - In the United Kingdom: before taking any action, please contact our Technical Support Dept. on 020 7216 0047 or by email at hercules.uk@guillemotsupport.com who will be able to advise you as to the best possible solution.
  - In Continental Europe, Australia and New Zealand: after receiving confirmation from our technical support service (\*) that your product is defective, please follow the instructions we provide to have your product replaced.
  - In the USA and Canada: refund policies apply to products purchased directly from Hercules (30 days).
- When returning the product, be sure to include all materials, such as the manual(s), connection cable(s), installation CD(s) and the product packaging box. Note: only packages that have been assigned an RMA (Return Merchandise Authorization) number by a technical support agent will be accepted.

(\*) Hotline details are listed at the end of this manual.

#### 9.2. Save time by registering your product online!

In Europe: go directly to our website (<u>www.hercules-uk.com</u>) and click on **Registration**. Registering with us in this way will simplify the process if you ever need to contact our technical support team. If you wish, you can also be added to our priority mailing list to receive information about our new Hercules products and our latest special offers.

In the USA and Canada: all customers should register online at our web site. Just visit <u>us.hercules.com</u>, click on **Support/Drivers**, select your product and click on **Registration**. You will be added to the mailing list to receive upgrade information, information on new products and special offers.

## PROPHETVIEW 920

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#### Declaration of conformity

EC COMPLIANCE NOTICE: this equipment has been tested and found to comply with the limits of the Council Directive 89/336/EEC of 3 May 1989 on the approximation of the laws of the Member States relating to electromagnetic compatibility, amended by Directive 93/68/EEC. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures. The use of shielded cables for connection of the monitor to the bard is required to meet EC requirements.

CANADIAN COMPLIANCE NOTICE: this Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

USA COMPLIANCE NOTICE; this equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) This device must accept any interference received, including interference that may cause undesired operation.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment on and off, the user is encouraged to try to correct the interference by one or more of the following measures: - Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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- The licensee acknowledges the copyright protection belonging to Hercules Technologies and/or Guillemot Corporation. The copyright notice must not be removed from the Software, nor from any copy thereof, nor from any documentation, written or electronic, accompanying the Software.
- The licensee is granted the right to make one back-up copy of the machine-readable portion of the Software on the condition that all copyright and proprietary notices are also reproduced.
- 5. Except where the present Agreement expressly permits, the licensee is strictly prohibited from engaging in, nor may he permit third parties to engage in, the following: providing or disclosing the Software to third parties; providing use of the Software in a network, multiple PCs, multi-user or time-sharing arrangement where the users are not individual licensees; making alterations or copies of any kind of the Software; making any attempt to disassemble, de-compile or reverse engineer the Software; in any way or form, or engaging in any activity aimed at obtaining underlying information not visible to the user during normal use of the Software; making copies or translations of the User Manual.

#### Warranty

Prophetiview 920 and Prophetiview 920DVI come with a standard 3 year parts and service warranty from the date of purchase. Hercules Technologies' entire liability and your exclusive remedy is limited to the replacement of defective products. The warranty does not cover a decline in the luminosity of liquid crystal displays, a normal occurrence due to the passage of time. Likewise, the warranty does not cover the non-display of pixels, up to a limit of 6 defective pixels. In no event shall Hercules Technologies be liable to you or any third party for direct or indirect consequential, incidental or special damages which you may incur as a result of using the software, includina, but not limited to loss of data, or information of any kind, that you may experience.