

GETTING STARTED



The InterWrite LCD Tablet
for Windows and the Mac



We at GTCO CalComp are proud of our InterWrite™ family of products. We strive to continue to bring you the best the technology has to offer. We urge you to visit our Web site, where we will post the latest information regarding any updates and changes we have made that would impact the instructions in this *Getting Started* document.

www.gtcocalcomp.com

Navigate to:

Support/InterWrite/Software Downloads
Support/InterWrite/Documentation Library

GTCO CalComp
PERIPHERALS

Table of Contents

| | |
|--|----|
| iPanel Overview | 4 |
| What's in the Box? | 5 |
| System Requirements | 5 |
| iPanel Executive Pen Assembly | 6 |
| iPanel Installation | 7 |
| Kick Stand | 7 |
| Connecting the iPanel | 7 |
| iPanel Control Panel | 9 |
| Install the InterWrite Software on Windows | 10 |
| Install the InterWrite Software on the Mac | 11 |
| The iPanel/InterWrite Connection | 12 |
| iPanel Properties | 13 |
| Calibrate the Screen | 13 |
| Setting Pen Pressure in Windows | 13 |
| Getting Started with InterWrite | 14 |
| Begin an InterWrite Session | 14 |
| Pen Selection in Windows | 15 |
| Pen Selection on the Mac | 16 |
| Pen Selection during a Presentation | 16 |
| Image Files | 17 |
| Distributing Image Files | 18 |
| Limited Warranty for the iPanel | 19 |
| Regulatory Statements | 20 |
| Appendix A: Specifications | 22 |
| Appendix B: OnScreen Display Menu | 23 |
| Appendix C: Display Timing | 23 |

INTERWRITE™ iPANEL

iPanel Overview

The InterWrite iPanel is an LCD tablet. The electronic iPanel Executive Pen is used to control the cursor and to write and draw directly on the iPanel screen. When used in conjunction with a video projector, the iPanel screen's image can be projected on a whiteboard or projection surface, where the interaction with the desktop can be seen by everyone in the room. This addition to the InterWrite family of products, which includes InterWrite Whiteboards and InterWrite Pads, expands the interactive opportunities of the InterWrite system for the Classroom or Boardroom.

This *Getting Started Guide* describes how to assemble the pen, install and connect the iPanel, install the InterWrite software, and calibrate the iPanel. It ends with a brief overview of the InterWrite software.

Interactive Mode is the operational mode of the InterWrite software that allows you to take advantage of the full power and robust features of the InterWrite system. The iPanel is an input device to the computer, much the same as the InterWrite whiteboards and pads. The difference is that what the whiteboards and pads do remotely, the iPanel does directly. It allows you to annotate captured screen images and a variety of page types in Annotation Mode, and to run applications and browse the Web in Mouse Mode, while everything you're doing can be seen on a projection surface, thanks to the attached video projector. And, anyone at the whiteboard, or with an InterWrite Pad can interact with the presentation and participate actively in the collaborative experience.

What's in the Box?

- ✓ iPanel
- ✓ Accessory Box containing:
 - VGA Cable
 - AC Adapter
 - Power Cable
 - USB Cable
 - 2 iPanel Executive Pens
 - 2 AAA Batteries
 - InterWrite CD
 - *iPanel Getting Started Guide*

If any item is missing or damaged, please contact your dealer immediately. A plastic covering is taped to the iPanel screen to protect it during shipping. We recommend you leave the protective plastic in place until you have completed your iPanel installation. It is easily removed by pulling on the tape tabs.

System Requirements

- Operating System: Windows 98, 2000, Me, XP; Mac OS X
- Pentium 200MHz (or equivalent) processor, or higher
- 32MB of RAM (64MB recommended)
- Video card with 4 MB of RAM for minimum 24-bit (True Color) display
- 4X speed CD ROM, or higher
- An available USB port

iPanel Executive Pen Assembly

The Executive Pen is an electronic pen, powered by a single AAA battery, that sends positional signals to the iPanel's electromagnetic digitizer to control cursor movement. The rocker button on the pen body provides additional mouse-like cursor control. The lower end of the rocker button, the end closest to the pen tip, acts as a double-click when you press it. The upper end of the rocker button provides right-click capability.

- 1 Unscrew the pen. Insert the provided AAA battery into the upper half of the pen barrel. Ensure that the positive pole (the + end with the protruding button) is inserted so it is pointing toward the bottom half of the pen.
- 2 Screw the two pen halves back together.

Notice that each Executive Pen comes with two replacement tips. Simply pull out the used tip and snap a replacement tip into place in the end of the pen barrel.

Store the pen in the **Pen Holder** behind the top lip of the iPanel.

Plus end ⊕ of battery points this way →



iPanel Installation

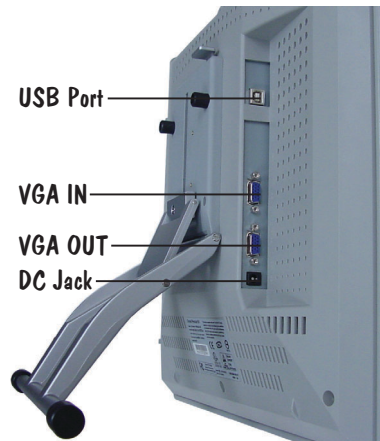
Kick Stand





When you remove the iPanel from its shipping box, the **Kick Stand** is pointing toward the top of the iPanel. Pull up on the **Release Lever** and swing the Kick Stand down to its normal operating position (buttons and iPanel logo on the front of the iPanel located at the top of the monitor). Use the Release Lever to adjust the Kick Stand to the tilt position you prefer.

Connecting the iPanel

Familiarize yourself with the connectors on the back of the iPanel and refer to the graphic here. The connector labels can be seen beneath the connectors, but will be covered up when the cables are installed.



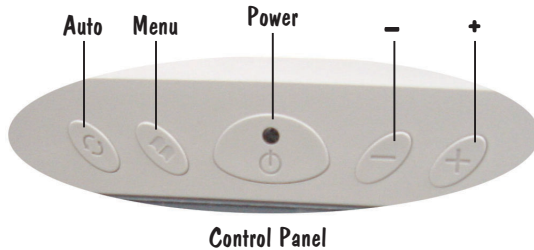
- 1 Power off your computer.
- 2 Plug the power cord into the AC Adapter. Plug the AC Adapter into the **DC Jack** power connector on the iPanel. Plug the power cord into a standard 110V socket.
- 3 Plug one end of the 15-pin VGA cable into the **VGA IN** connector on the iPanel. Plug the other end of the VGA cable into the VGA Port on the back of your computer. Secure both connectors by tightening the screws on either side of the connector plug.
- 4 Plug one end of the USB cable into the USB Port on the iPanel. Plug the other end into one of the USB ports  on your computer or USB hub. The operating system will auto-detect and configure the new hardware device.

- 5 Plug the VGA Cable from the video projector or another monitor into the **VGA OUT** connector.
- 6 Power on your computer.
- 7 Power on your iPanel by pressing the middle button  on the Control Panel in the upper left corner on the front of the monitor.



Important Note: The Executive Pen works best when it is held at a 90° angle to the iPanel screen.

iPanel Control Panel



The Control Panel is located at the top of the iPanel in the left corner on the front of the monitor. It consists of the **Auto** key, the **Menu** key, the **Power** key, the **—** key, and the **+** key.

The **Power** key powers the iPanel On and Off. The LED indicator on the Power key will appear orange when the iPanel is in Power-Saving, or Standby, Mode. Otherwise, when the iPanel is in Working Mode, the LED will appear green.

The **Auto** key is the hot key for Auto-Adjusting the image. However, when you are using the OnScreen Display, or OSD, menu, the Auto key functions as the Back, or Previous, key.

Press the **Menu** key to display the OSD menu. The OSD menu provides options for controlling Brightness, Contrast, Picture Alignment, etc. (See *Appendix B* for details.) When the menu is active, the Menu key functions as the Forward, or Next, key.

The **+** and **—** keys are used in the OSD menu to adjust values up (+), or down (—).


Install the InterWrite Software on Windows


The InterWrite software must be installed on Windows by a user with *Administrator* privileges. iPanel is compatible with Windows 98, Me, 2000, and XP.

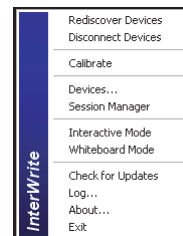
- 1 Log in as *Administrator*. Insert the InterWrite software CD into the CD drive on your PC. The installer will autload. If it doesn't, click on the **Start** button on the Windows Task Bar and select **Run** from the menu. Type `X:\setup.exe` (**X** represents the CD drive letter).
- 2 Select the *Install InterWrite Software* menu option.
- 3 Follow the onscreen instructions for the software installation. You will know the InterWrite software has installed successfully by the appearance of the InterWrite icon in the System Tray on the Windows Task Bar. If the icon does not appear, restart your computer.



InterWrite icon

The appearance of the InterWrite icon  on the Task Bar indicates that the InterWrite **Device Manager** is now running on your PC. You will click on the InterWrite icon to display the options on the Device Manager menu.

Tip: Click the InterWrite icon  in the System Tray of the Windows Task Bar to display **Device Manager's** option menu. Select the **Check for Updates** option. If a new version is available, download it now. You should periodically check for updates.

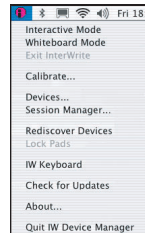



Install the InterWrite Software on the Mac




The InterWrite software must be installed on the Mac by a user with *Admin* privileges. InterWrite is compatible with Mac OS X version 10.2.5 or higher.

- 1 Insert the InterWrite software CD into the CD-ROM drive on your Mac. An InterWrite CD icon will appear on your desktop.
- 2 Double-click on the InterWrite icon on the desktop to display the CD's contents. Double-click on the **Install InterWrite** icon.
- 3 Follow the onscreen instructions for the software installation.



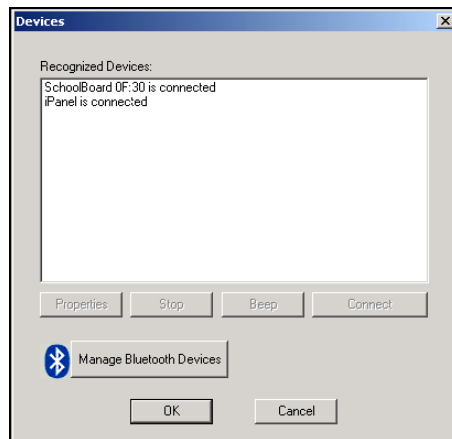
The appearance of the InterWrite icon  on the Menubar indicates that the InterWrite **Device Manager** is now running on your Mac. It will load and run in the background every time you start up your Mac. You will click on the InterWrite icon to display the options on the Device Manager menu.

The iPanel/InterWrite Connection

Device Manager is a component of the InterWrite software you just installed. Its function is to manage the InterWrite hardware devices and their connections to the computer and the InterWrite software. When an InterWrite hardware device, such as the iPanel is properly connected, it will show up in the *Devices* list, selected from the Device Manager menu. To access the menu, click on the InterWrite icon  (in the System Tray on the Windows Task Bar, or on the Mac Menubar).

If the iPanel is not working correctly, check the following:

- ✓ If the LED in the Power button is neither orange nor green, the iPanel is not powered On. Press the **Power** button on the iPanel Control Panel. If the LED does not light up, check your power connections at the DC Jack on the back of the iPanel, the AC Adapter and the wall plug or power strip.
- ✓ If there is power, but no picture, check the VGA cable connections at the back of the iPanel (VGA IN) and on the computer.
- ✓ If the iPanel does not show up in Device Manager's *Devices* list, verify that the USB cable is properly connected to the USB port on the back of the iPanel and to a USB port, or USB hub, on your computer. Unplug the USB cable from the USB port, wait five seconds, and plug it back in. If you have more than one USB port on your computer, try plugging the USB cable into a different port.




iPanel Properties


Calibrate the Screen

If the iPanel Pen tip does not line up with the displayed cursor on the iPanel screen, you can calibrate the iPanel to ensure alignment.

Windows

- 1 Click on the **InterWrite** icon  in the System Tray on the Windows Task Bar to display the **Device Manager** menu.
- 2 Select the *Devices* option from the menu.
- 3 Select the iPanel from the list of **Recognized Devices** and click on the **Properties** button.
- 4 Click on the **Calibrate** button.

Mac

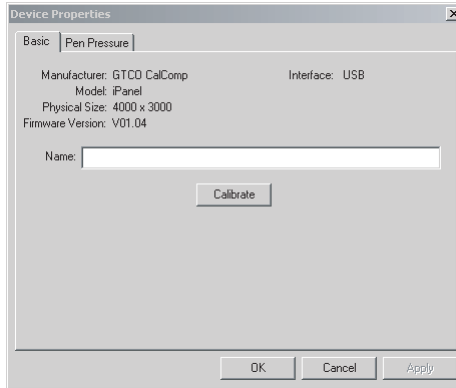
- 1 Click on the **InterWrite** icon  on the Menubar to display the **Device Manager** menu.
- 2 Select the *Calibrate...* menu option.

Windows and Mac

A bright blue window with a white calibration point in the upper left corner will appear on the iPanel screen.

- 1 Click on each calibration point as it appears in each of the four corners of the screen.

When calibration is completed, the blue screen will disappear. You should only have to calibrate the iPanel screen once.



Setting Pen Pressure in Windows

The Pen Pressure setting influences how hard you have to press the pen tip on the iPanel screen in order to move the cursor. By default, the pen is set to *medium* pressure.

- 1 Click on the **Pen Pressure** tab on the **Device Properties** dialog.
- 2 Move the slider to the left to reduce the amount of pressure to be applied, or to the right to increase it.
- 3 Click on the **Test Area** button. It will light up when you have exerted the amount of pressure you set for the pen tip.

Getting Started with InterWrite

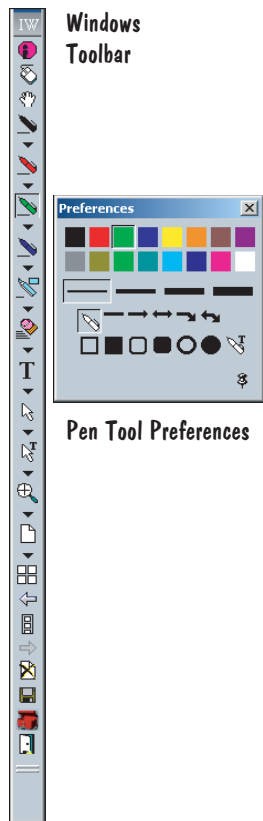
The InterWrite system is at the heart of a successful interactive collaboration, whether it is in a classroom of fourth graders studying world geography, or in a boardroom of corporate types brainstorming a new product launch. All the tools you will need to stimulate inspiration, connection and participation can be found in the InterWrite software. Here's a quick look at the InterWrite basics to get you started.

The InterWrite software is run in one of two operational modes, **Interactive Mode** or **Whiteboard Mode**. **Whiteboard Mode**, selected only when using a whiteboard with InterWrite, allows you to capture notes, drawings, calculations—whatever you write on the whiteboard with an electronic Marker Pen—for distribution. Whiteboard Mode requires a computer, an electronic whiteboard, and one or more electronic Marker Pens. When you select Whiteboard Mode, a blank

white screen representing the whiteboard surface appears on your computer monitor. As you write on the whiteboard with one of the uncapped electronic Marker Pens, whatever you write appears on the computer screen in the color of the Marker Pen. Whenever you change pens, the new pen color is displayed on the computer screen. **Interactive Mode**, the more feature-rich and robust of the two operational modes, allows you to run applications (**Mouse Mode**) by using the electronic Executive Pen on the iPanel screen to move the cursor. In **Annotation Mode** you use the Executive Pen to annotate captured images with InterWrite's wide array of annotation tools. The annotation tools consist of freehand tools, text tools and drawing tools. Of the freehand tools, the Pen is the most frequently used tool. The following pages describe how to select and configure the Pen tool.

Begin an InterWrite Session

- ✓ Start InterWrite by using the electronic Executive Pen to click on the **InterWrite** icon  in the System Tray on the Windows Task Bar, or on the Mac Menubar. Select *Interactive Mode* from the **Device Manager** menu.



Pen Selection in Windows

The Windows InterWrite Toolbar is configurable by means of the **Customize Toolbar** option in the **InterWrite/Preferences** window. The default Toolbar is shown here. An InterWrite Toolbar with a minimal tool selection and Toolbar customization options can be selected from the **Customize Toolbar** tab in **InterWrite/Preferences**.

You will note that a **Down Arrow** appears below many of the InterWrite tools. Click on the Down Arrow below the tool to display its **Preferences** dialog box. All of the attributes that can be assigned to that particular tool will appear in the dialog. The Pen tool Preferences dialog is displayed here.

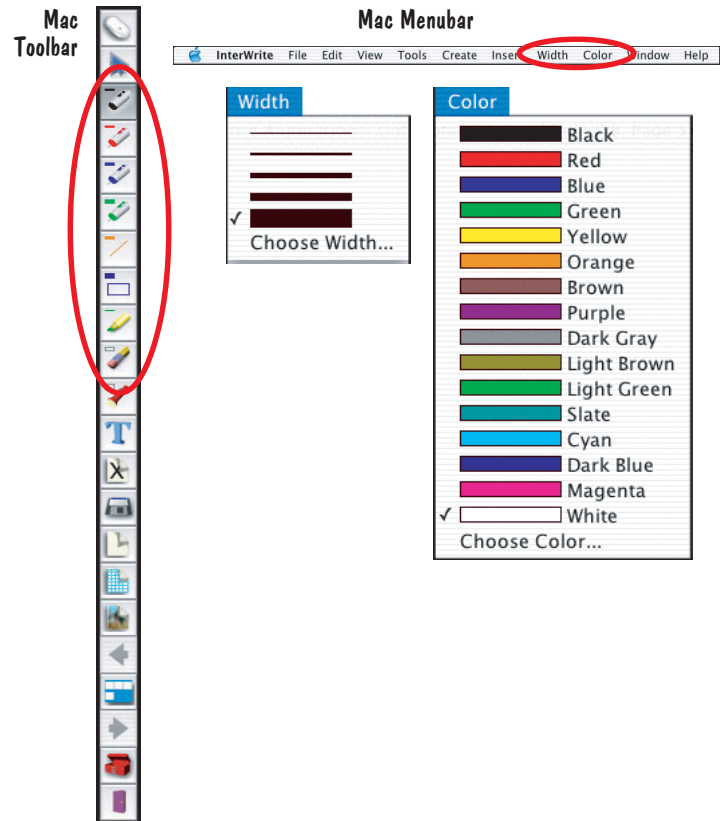
When you select a Pen from the Toolbar, InterWrite goes into Annotation Mode and the current screen is captured as an image page. Click on the Down Arrow adjacent to the selected Pen tool to display the Pen Preferences. The current selections for the tool are indicated. The Pen tool can be configured for color, line width and pen shape, which allows you to draw or write freehand; draw lines—straight or with angles, with or without arrows; rectangles—filled or outline, rounded or square corners; or circles—filled or outline. The Pen with the **T** over it allows you to write freehand text, which is converted automatically to typed text. When you click on the Push Pin in the lower right corner of the dialog box, it stays open on the screen, a convenient feature when you need to change the Pen tool attributes frequently. The best way to familiarize yourself with the Pen configuration options is to experiment with them.

Pen Selection on the Mac

On the Mac, when you open InterWrite in Interactive Mode, it automatically starts up in Annotation Mode and a blank page is displayed. Four different Pen tools can be configured on the Toolbar, as can the line and rectangle Pen Shapes. Each of these annotation tools can be configured for color and line width by making selections from the **Width** and **Color** menus on the Menubar. The current selections for each annotation tool are displayed on the icons. The best way to familiarize yourself with the Pen configuration options is to experiment with them.

Pen Selection during a Presentation

The Pen tool selection and configuration processes vary slightly on the Mac and the PC, but their use in conjunction with the iPanel is identical. Some users prefer to assign a different color and line width to each of the four Pen tools. As they present their material, they can easily switch from one Pen to the other to use the different assigned effects. Other users prefer to keep one Pen selected and change its color and line width on the fly, as the presentation warrants. As you become more familiar with the InterWrite annotation tools, you will find the method that best suits your presentation style.



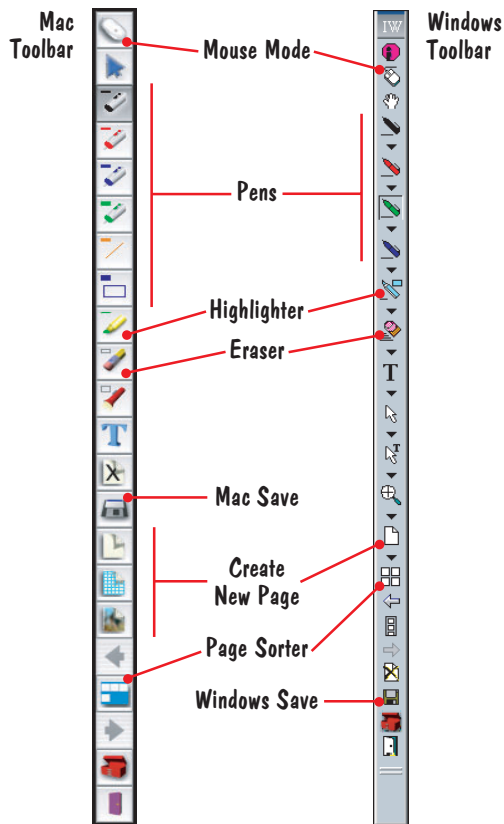


Image Files

Annotated screens are captured as images in a .GWB file. Each image represents a page in the presentation image file. As soon as InterWrite goes into Annotation Mode (in **Windows**—when an annotation tool is selected; on the **Mac**—when Interactive Mode is started up), an untitled image file is created. Unless you give the file a name, it is automatically saved using today's date. (Multiple files created today have *01, 02, 03, etc.*, appended to the date name.)

An existing presentation image file can be opened, its pages can be sorted, annotations can be added to the existing pages, and new pages can be added to the file. Your presentation will determine how each image file evolves. For example, you can prepare a presentation file of blank maps ahead of time for a geography lesson. Or, you can capture and annotate each of the monthly earnings spreadsheets as you review the past fiscal year during a budget meeting. Or, you can run a PowerPoint Slide Show during a presentation and annotations can be added to each slide and saved.

Keep in mind that the page will not be added to the presentation image file until either an annotation tool is used on the page, or the page is saved—by clicking on the **Save** tool on the Toolbar. The process is the same, whether you *pre-build* an image file for a presentation, or build the image file *during* the presentation. Click the **Mouse Mode** tool and, using the Executive Pen as the mouse, display the image you want to capture. Select an annotation tool, a Pen, for example, and the image is captured. Either annotate the image, or click on the Save tool. Add a blank, gridded, or background image page, or click the Mouse Mode tool and select the next image for capture to continue.

Distributing Image Files

The InterWrite presentation image files you create can be printed for local distribution, or emailed to anyone anywhere.

Review the presentation file in the InterWrite Page Sorter. Pages can be sorted and deleted in the Page Sorter. When the file has been arranged to your satisfaction, you can use the Page Sorter's print option to print it, you can export it to one of several file formats, or, in Windows, you can email it directly from the Page Sorter.

The native file format of saved presentation image files has the .GWB extension and can be viewed in Windows with the GWB Reader. This is an application that is part of the InterWrite software suite and is installed when the InterWrite software is installed. The Windows GWB Reader is also available for download at www.gtccalcomp.com in **Support/InterWrite/Software Downloads**, and can be distributed freely with your presentation files. You can also save and email your presentation image files on both Windows and the Mac in a PDF format, which can be read by Adobe's Acrobat Reader.

Now, everyone can stay in the information loop, whether they were able to attend the presentation or not.

Limited Warranty for the iPanel

GTCO CalComp Corporation warrants these products to be free from defects in material and workmanship under the following terms. Complete and return the enclosed warranty registration card to ensure that your products are covered by this warranty.

Coverage

Parts and labor are warranted for one (1) year from the date of the first consumer purchase for the iPanel, electronic pen, AC Adapter, and cables. This warranty applies to the **original consumer purchaser only**. This warranty does not apply to any product purchased outside the United States or Canada. For warranty information outside the United States or Canada, contact your local dealer or distributor.

Warranty is valid only if original consumer's purchase or lease date is less than or equal to six months from the original GTCO CalComp sale date. This information will be captured by the system serial number and confirmed by the reseller's purchase order.

Conditions

Except as specified below, this warranty covers all defects in material or workmanship in the products. The following are not covered by the warranty:

1. Any product on which the serial number has been defaced, modified, or removed (if applicable).
2. Damage, deterioration, or malfunction resulting from:
 - a. Accident, misuse, abuse, neglect, fire, water, lightning, or other acts of nature, unauthorized product modification for any purpose, or failure to follow instructions supplied with the product.
 - b. Repair, or attempted repair, by anyone not authorized by GTCO CalComp.
 - c. Any damage in shipment of the product (claims must be presented to the carrier).
 - d. Any other cause which does not relate to a manufacturing defect.
3. Any product not sold or leased to a consumer within six months of GTCO CalComp's original sale date.
4. Consumable parts, e.g., batteries and pen tips.

GTCO CalComp will pay all labor and material expenses for covered items, but will not pay for the following:

1. Removal or installation charges.
2. Costs for initial technical adjustments (set up), including adjustments of user controls.
3. Certain shipping charges. (Payment of shipping charges is discussed in the next section of this warranty.)
4. Packaging costs. (Customers should keep their boxes.)

Warranty Service Procedures

1. To obtain service on your GTCO CalComp product, call the Service & Support Department at (410) 312-9221 (EST), or (480) 443-2214 (MST) to obtain a Return Material Authorization Number (RMA#) and shipping instructions.

2. Ship the product to GTCO CalComp with the RMA# marked clearly on the outside of the box. GTCO CalComp reserves the right to refuse the shipment, if not properly marked.
3. Although the consumer must pay any shipping charges to ship the product to GTCO CalComp for warranty service, GTCO CalComp will pay the return shipping charges for ground shipment. Other shipping options are available at an additional fee.
4. Whenever warranty service is required, the original dated sales invoice (or a copy) must be presented as proof of warranty coverage, and should be included in shipment of the product. In addition, please include your name, address, telephone number, fax number, email address, and a description of the problem.
5. If GTCO CalComp determines that the unit is not defective within the terms of the warranty, the consumer shall pay the cost of all freight charges, as well as any repair charges.

Technical Support

Web-based Technical Support is available free of charge at: www.gtccalcomp.com, where current driver releases, as well as comprehensive technical support, troubleshooting, Technical Bulletins and FAQs can be found.

Telephone Technical Support is available free of charge to the original consumer for a period of 90 days from the date of purchase of the product. Please contact our Service & Support Department at (410) 312-9221 (EST), or (480) 443-2214 (MST). You can also fax your request to (410) 290-9065 (EST), or (480) 948-5508 (MST). Our toll-free numbers in the U.S. are: 800-344-4723 for our East Coast customers and 800-856-0732 for our West Coast customers.

Disclaimer of Unstated Warranties

The warranty printed above is the only warranty applicable to this purchase. ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. Assuming the warranty above stated is otherwise applicable, it is expressly understood and agreed that GTCO CalComp's sole liability, whether in contract, tort, under any warranty, in negligence, or otherwise, shall be for the repair or replacement of the defective parts, and under no circumstances shall GTCO CalComp be liable for special, indirect, or consequential damages. The price stated and paid for the equipment is a consideration in limiting GTCO CalComp's liability.

Notice

Some states and provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion may not apply to you. This warranty gives you specific legal rights, and you may have other rights, which vary from state to state, or province to province.

To obtain service on your GTCO CalComp product, call our Service & Support Department at (410) 312-9221 (EST), or (480) 443-2214 (MST), fax us at (410) 290-9065 (EST), or (480) 948-5508 (MST). We can also be contacted through our Web site at www.gtccalcomp.com.

Important! All products returned to GTCO CalComp for service must have prior approval in the form of a Return Merchandise Number (RMA#), which can be obtained by calling the Service & Support Department.

Regulatory Statements

Declaration of conformity according to ISO/IEC Guide 22 and EN 45014

Manufacturer's Name: Lightsonic Optoelectronics Inc.
for GTCO CalComp, Inc.

Manufacturer's Address: 5F No. 38, Ke-Yih Rd., Chunan
Miaoli, Taiwan Zip: 350

Declares, that the product

Product Name: 15" Tablet LCD Monitor

Brand Name: InterWrite IPanel 15E

Model Numbers: LPM150B100

Product Options: All

Conforms to the following product specifications:

Safety: EN60950:2000

EMC:EMI: EN55022:1988-Class B
EN55024:1998
EN61000-3-2:1995+A1:1998+A2:1998 ClassA
EN61000-3-3:1995
EN61000-4-2:1995
EN61000-4-3:1995
EN61000-4-4:1995
EN61000-4-5:1995
EN61000-4-6:1996
EN61000-4-8:1993
EN61000-4-11:1994

European Contact

GTCO CalComp
World Trade Center
A-1300 Vienna — Airport
Austria
Tel: + 43 1 7007 36450
Fax: + 43 1 7007 36458

European Union Emission Directive

This product is in conformity with the protection requirements of EU Council Directive 89/366/ECC on the approximation of the laws of the Member States relating to electromagnetic compatibility.

This product has been tested and found to comply with the limits for Class B Information Technology Equipment according to CISPR 22/ European Standard EN55022. The limits for Class B equipment were derived for typical industrial environments to provide reasonable protection against interference with licensed communication devices.

USA

Radio Frequency Emissions Notices

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. 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 off and on, 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.

Reorient or coil cables.

If necessary, consult the dealer or an experienced radio/television technician for additional suggestions.

Any cables the user adds to the device must be shielded to be in compliance with the FCC standards. Any unauthorized modification to this device could result in the revocation of the end user's authority to operate this device.

Electronic Pen

This device complies with Part 15 of 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.

Canada

Industry Canada Class B emission compliance statement. This Class B digital apparatus complies with Canadian ICES-003.

Avis de conformité a' la réglementation d'Industrie Canada. Cet appareil numérique de classe B est conforme a' la norme NMB-003 du Canada.

Appendix A

Specifications (15")




















LCD Display

| Item | Specification |
|------------------|---|
| Dimensions | 370.00mm (H) x 435.0mm (W) x 52.0mm (D) |
| Display Area | 304.1mm (H) x 228.1mm (V) (15.0 inch diagonal) |
| Weight | 4.9 (kg) |
| Resolution | 1024 (H) x 768 (V) pixels |
| Response Time | 30 ms |
| Pixel Pitch | 0.297mm (H) x 0.297 (V) |
| Number of Colors | 16.7 M (Simulated) |
| Contrast Ratio | 300:1 |
| Backlight Unit | 4 replaceable CCFL's edge-light (top/bottom) |
| Brightness | 200 (cd/m ²) |
| Viewing Angle | -60° ~60° (H), -60° ~40° (V) (Typical) |
| Environmental | Operating: Temperature: 0°C ~ + 50°C (32°F ~ 122°F) Humidity: 10-85% maximum Storage: Temperature: -20°C ~ +60°C (-4°F ~ 140°F) Humidity: 10-90% maximum |
| Power Source | AC100-240V Universal in 12V 4.2A Out |
| I/O Connectors | DC power in, VGA 15-pin D-sub (IN/OUT), USB Connector |

Specifications are subject to change without notice

Tablet

| Item | Specification |
|-------------------|---|
| Technology | Electromagnetic |
| Active Area | 304.1 x 228.1mm |
| Tip Pressure | 512 levels of sensitivity |
| Reading Height | 8 mm (Max.) |
| Power Voltage | +5 Voltage |
| Power Consumed | 0.03 A (0.15 Watts) |
| Data Interface | USB Port |
| Data Report Rate | 125 reports/per second |
| Pen Rocker Button | 2 ends for double-click and right-click capability |

| | | |
|--|--------------------------|---|
|  | Brightness | Adjust the screen brightness |
|  | Contrast | Adjust the screen contrast |
|  | H-Position | Position the display along the horizontal axis of the screen |
|  | V-Position | Position the display along the vertical axis of the screen |
|  | S-Scaling | Adjust the horizontal size of the display |
|  | Auto Adjustment | Auto-adjust the display position, timing and phase of the screen |
|  | Color Temperature | Adjust the color setup |
|  | Red Gain | Adjust the Red color gain |
|  | Green Gain | Adjust the Green color gain |
|  | Blue Gain | Adjust the Blue color gain |
|  | OSD V-Position | Adjust the vertical position of the OSD menu on the screen |
|  | OSD H-Position | Adjust the horizontal position of the OSD menu on the screen |
|  | OSD Time | Set the amount of time that must elapse before the OSD closes |
|  | Sharpness | Adjust the sharpness control |
|  | Recall | Press the + or – key to default to factory settings |
|  | Phase | Adjust the phase control. Phase adjustment may be required to optimize the display quality. |
|  | Language | Choose English, Traditional Chinese, or Simplified Chinese for the OSD Menu |
|  | Tea Time | Set an alarm to remind yourself to take a break |
|  | Exit | Press the + or – key to exit the OSD menu |

Appendix B

OnScreen Display Menu

Appendix C

Display Timing

| Mode | Resolution | V-Freq.(Hz) Refresh Freq. H-Freq.(KHz) | |
|------|------------------|---|-------|
| 1 | 640 x 350 | 70 | 31.47 |
| 2 | 640 x 400 | 70 | 31.47 |
| 3 | 640 x 480 | 60 | 31.47 |
| 4 | 640 x 480 (Mac) | 67 | 35 |
| 5 | 640 x 480 | 72 | 37.86 |
| 6 | 640 x 480 | 75 | 37.5 |
| 7 | 800 x 600 | 56 | 35.15 |
| 8 | 800 x 600 | 60 | 37.87 |
| 9 | 800 x 600 | 72 | 48.07 |
| 10 | 800 x 600 | 75 | 46.87 |
| 11 | 832 x 624 (Mac) | 74 | 49.71 |
| 12 | 1024 x 768 | 60 | 48.36 |
| 13 | 1024 x 768 | 70 | 56.47 |
| 14 | 1024 x 768 | 75 | 60.02 |
| 15 | 1024 x 768 (Mac) | 75 | 60.24 |

GTCO CalComp **PERIPHERALS**

Corporate Headquarters

7125 Riverwood Drive
Columbia, Maryland 21046
Tel: 410.381.6688
Fax: 410.290.9065
Toll Free: 800.344.4723

Western Office

14555 North 82nd Street
Scottsdale, Arizona 85260
Tel: 480.948.6540
Fax: 480.948.5508
Toll Free: 800.856.0732

European Headquarters

GTCO CalComp Ges.m.b.H.
World Trade Center, Suite 165
A-1300 Vienna, Austria
Tel: + 43 1 7007 36450
Fax: + 43 1 7007 36458

www.gtccalcomp.com



Copyright© 2003 GTCO CalComp Inc.

InterWrite is a trademark of GTCO CalComp Inc.

Bluetooth is a trademark of, and is owned by, Bluetooth SIG, Inc., U.S.A.,
and is licensed to GTCO CalComp Inc.

All other products and company names are the trademarks or registered
trademarks of their respective owners.

The information contained in this document is subject to change without notice. GTCO CalComp assumes no responsibility for technical, or editorial errors, or omissions that may appear in this document, or for the use of this material. Nor does GTCO CalComp make any commitment to update the information contained in this document. This document contains proprietary information which is protected by copyright. All rights reserved. No part of this document can be photocopied or reproduced in any form without the prior, written consent of GTCO CalComp Inc.