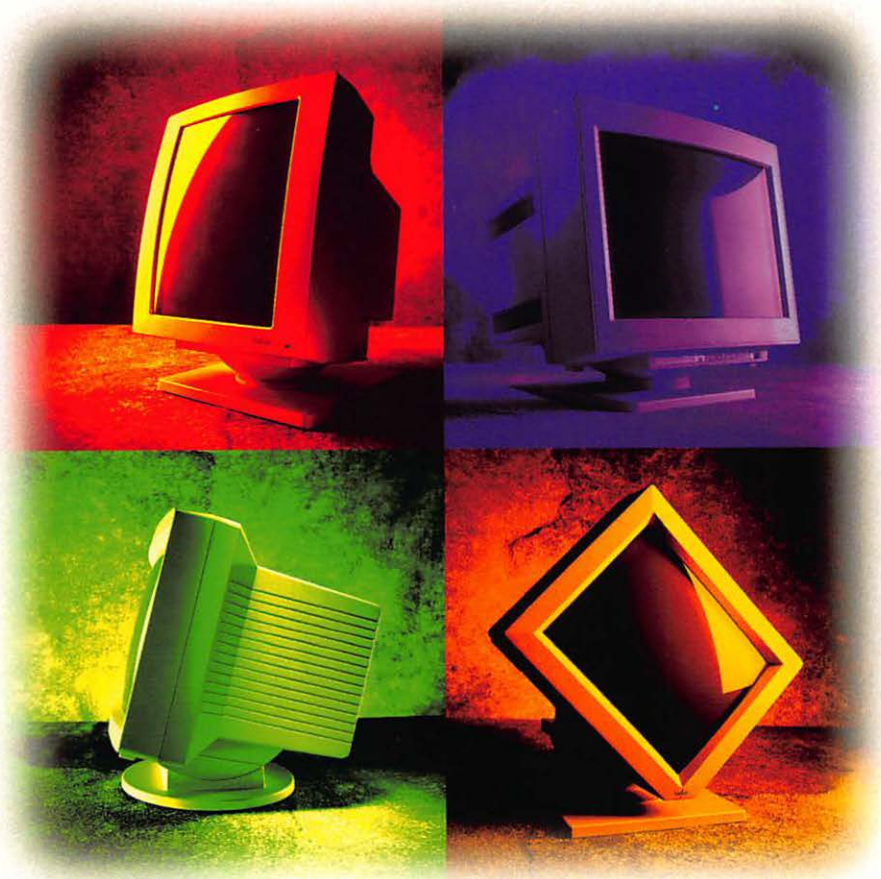


RADIUS TWO PAGE DISPLAY

User's Manual



radius

***Radius Two Page Display/20gs
and Two Page Display/21gs
User's Manual***

October 1993

Radius Inc
San Jose, California USA



Printed in the United States on recycled paper

Our manuals are printed using soy-based inks on papers made from recycled materials. This paper contains 50% recycled fiber including 10% postconsumer waste and exceeds the federal EPA guidelines for recycled paper (40 CFR, part 250, June 1988). Please forgive any paper defects that blemish your copy. It's not our intention to lower the quality of our documentation, but we firmly believe that using recyclable materials is in the best interest of our environment.

Table of Contents

Introduction	v
Features.....	v
Overview of the User's Manual.....	vi
Registration Card.....	vi
Chapter 1 — Unpacking and Set-up	1
Unpacking Your Display	1
Positioning Your Display	1
Connecting the Cables	2
Your Display's Controls.....	3
Installing PowerSaver Software	4
Installing RadiusWare Software.....	4
Chapter 2 — Using Your Display	5
Turning On Your Display.....	5
Using the PowerSaver Feature.....	5
Ten Tips for Prolonged Life	7
Chapter 3 — Reference	11
Troubleshooting.....	11
Radius Customer Support and Service	12
The Radius Products FAX Information System	14
Communicating with Radius.....	14
RadiusCare in the United States.....	14
Radius International Sales Offices	15
Appendix A	
Specifications.....	16
Appendix B	
Regulatory Approvals.....	18
Appendix C	
Interface Cable Specifications	21
Appendix D	
Next-Day Warranty-Service Program	22
Limited Warranty.....	22
Index	27



Introduction

Congratulations on your purchase of your Radius Two Page Display. The Two Page Display provides an expansive image area that is ideal for two-page layouts, large spreadsheets and intricate drawings, or displaying multiple windows and applications.

Features

Radius has designed the Two Page Displays using unsurpassed standards for image clarity and crispness, providing a paper-like, flicker-free image that maintains superior brightness, contrast, and focus across the entire screen.

RadiusWare software, included with your the Two Page Display, provides a variety of software features designed to enhance your productivity when using a large display system. The RadiusWare file must be installed into your Macintosh. Complete instructions for installation and operation can be found in the separate *RadiusWare User's Manual*, included with your Display.

Your Radius Two Page Display includes a power-saving feature that automatically drops the power consumption down to 12 watts at a length of idle-time you select. This is approximately a 90% reduction of power use. Keyboard or mouse activity restores its full power.

Overview of the User's Manual

This manual explains how to set up and use the Radius Two Page Display. The manual is divided into three chapters and includes a table of contents and an index.

Chapter 1 *Unpacking* explains the proper way to remove the display from its packaging. It also presents a set-up procedure explaining how to position the display, connect the cables, and use its controls.

Chapter 2 *Using Your Display* explains turning on and using your display and offers ten tips for the prolonged life of your display.

Chapter 3 *Reference* contains a troubleshooting section as well as customer service information.

Registration Card

A registration card is included with your Two Page Display. Please fill it out and return it so we can provide you with the best customer support possible.

For emphasis, the two **Warnings** contained in this manual are repeated below.



Warning: *Position your Two Page Display so there is at least an inch (3 cm) of space between the display and any Macintosh to provide adequate ventilation and avoid overheating. If you want to position the display on top of your computer, you should use a display stand. A TPD is heavy; if you place it directly on a Macintosh II computer, you could damage the computer's plastic case.* **page 2**



Warning: *To prevent electrical shock, do not remove the cover of your Two Page Display. No user-serviceable parts are inside. Refer servicing to a Radius Service Center.* **page 11**

Chapter 1

Unpacking and Set-up

This manual pertains to the installation and operation of both models of the Radius Two Page Display:

Operationally, the Two Page Displays are identical. The controls and connections are the same for all displays, and the instructions in this manual apply to both units. Refer to the technical specification appendixes for specific information on each display.

Unpacking Your Display

When you first open your display, make sure that you have everything needed to set-up your display system. Unpack all of the components and compare them against the included packing list. If you are missing any of these items, contact the Radius Reseller from whom you purchased your display.



We recommend saving your display-shipping box. It is advantageous to use the original packaging for shipment or relocation of your display. Substitute packaging may not provide adequate protection.

Positioning Your Display

Position your display on either side of your Macintosh or on a stand over the Macintosh. A Macintosh display stand should be available from your Radius Authorized Reseller.



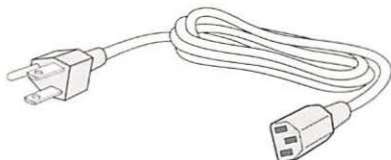
Warning: Position your Two Page Display so there is at least an inch (3 cm) of space between the display and any Macintosh to provide adequate ventilation and avoid overheating. If you want to position the display on top of your computer, you should use a display stand. A TPD is heavy; if you place it directly on a Macintosh II computer, you could damage the computer's plastic case.

Connecting the Cables

1. Connect the DB-15 connector of the video cable to the interface card installed in your computer or to your built-in video connector. Tighten the connector's thumb screws for physical security and to reduce electronic magnetic emissions.

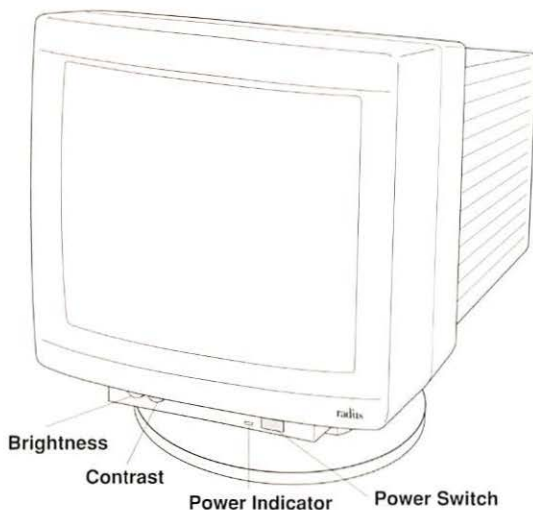


2. Connect the HD-15 connector (the other end) to the VIDEO IN socket of the display. Tighten the thumb screws on the connector.
3. Connect the power cable to the POWER IN socket in the back panel and plug the other end into a grounded power source.



Your Display's Controls

Your Radius Two Page Display has three front panel controls.



- **Brightness** allows you to adjust brightness and distinguish between dark gray and black. You should set the brightness so that parts of images that are pure black appear black on your screen. If the brightness is set too low, the darkest colors will fall into black; if the brightness is set too high, pure black will become gray.
- **Contrast** allows you to adjust the contrast of the screen image (that is, the scaling of the range between the brightest and darkest colors). Turn the contrast knob counter clockwise until you're comfortable with the contrast. Because the two controls interact, you may need to fine tune your brightness setting.
- **Power Switch** with turns the display on and off. Pressing it upward turns on your display and the power-indicating green LED. The LED will remain illuminated when your display is in its power-saver mode.



Read *Ten Tips for Prolonged Life* (for your display) in the following chapter. The tips offer details of caring for and operating your display at its optimum while extending its life.

Installing PowerSaver Software

To install your PowerSaver software and activate its power-saving feature

1. Insert the PowerSaver diskette into your Macintosh.
2. Double click on the Installer icon. Follow the instructions. Designate the hard drive where you want PowerSaver installed, if necessary.
3. When installation is complete, quit the Installer. Store the PowerSaver diskette in a safe place. Don't restart your Macintosh yet.



Continue on to install your RadiusWare.

Installing RadiusWare Software

To install your RadiusWare software,

1. Insert your RadiusWare diskette into your Macintosh.
2. Double-click on the Installer and follow its instruction.
3. When installation is complete, remove and store your RadiusWare diskette in a safe place.
4. Restart your Macintosh.

Your Two Page Display and its PowerSaver and RadiusWare software are now fully installed and ready to operate. Operating details for PowerSaver are in the following chapter. Details of using your RadiusWare software are contained in the separate *RadiusWare User's Manual*, which is included.

Chapter 2

Using Your Display

Turning On Your Display

To turn on your Radius Two Page Display,

1. Press the Two Page Display Power Switch to the ON position (upward). The power-indicator will illuminate.
2. Turn on your Macintosh. If you have not installed your Macintosh System Software yet, refer to your *RadiusWare User's Manual* for instructions.

Using the PowerSaver Feature

The PowerSaver feature consists of special circuitry in your display and a software control panel. When installed, its default setting allows it to engage after one hour of inactivity. The PowerSaver reduces the power consumption of your display approximately 90 percent when you are not using your display.

To modify the power-saving settings,

1. Open your Control Panels folder.
2. Double-click on the PowerSaver control panel icon. The PowerSaver control panel will appear as shown below.



On

Hour Min

00:16



The On/Off button allows you to control the overall operation of PowerSaver.

You can set the time at which the power-saving mode will initiate by selecting the hour or minute digits in the control panel and cause them to increment or decrement by clicking on the up or down arrow to the right of the digits. Or, if you wish, you can type in the time after which your PowerSaver will engage by highlighting the hours or minutes and typing.

Alternatively, you can change the time of the analog clock by clicking and dragging on the darkened portion of the clock face.

After the time selected has elapsed, your screen will darken, and your Macintosh speaker will beep. Any keyboard or mouse activity will restore full power to your display. Your Macintosh will beep several times as your display warms up.

3. Close your Control Panels folder.

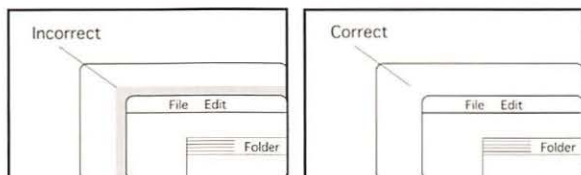
Depending on how long your Two Page Display has been powered down, it could take up to 10 seconds after keyboard or mouse activity for it to “wake up.” If the PowerSaver software is installed in a Macintosh driving a non-Radius Two Page Display/20gs or /21gs, the screen may go blank but the display will not be in a reduced-power mode. Mouse or keyboard activity will instantly restore your display’s image.

Ten Tips for Prolonged Life

To increase the life of your Radius display,

1. Operate your display only at a comfortable brightness.

Do not adjust the brightness to its maximum setting for continuous operation. Running your display with the external-brightness adjustment at its maximum setting, especially when new, will result in an image that will eventually appear less clear. It will also reduce the life of your display. Image clarity on your display is factory set at a specific brightness level for optimum clarity. The internal maximum-brightness adjustment is set above the optimum level to give your display a longer life.



To properly adjust the brightness of your display, turn both the brightness and the contrast controls to the maximum, fully clockwise. Turn the brightness control down (counterclockwise) until the illuminated margins disappear as shown in the *correct* illustration above. Then turn the contrast to achieve your most comfortable viewing level.

2. Use your power saving feature and a screen saver.

Adjust your Power Saver control panel to shut down your display when you are not using it. During shorter periods of inactivity, screen savers prevent patterns from being permanently burned into your screen. The length of time before a screen saver activates should be adjusted to as short as possible to reduce the time that any image is on your screen.

- 3. Turn the display off when you are finished.**
Any display will age when power is applied, whether or not an image is displayed or screen saver is operating. You can reduce your overall power consumption and extend the life your display by turning it off or using the power-saving feature when it is not needed. Additionally, special power cables are available from electronics stores that will enable you to power your display from most Macintosh computers so that it will go off when you select Shut Down from the Special menu.
- 4. Position your display away from bright light.**
This will reduce the amount of light that is reflected from the screen. To reduce glare, overhead light should radiate from 50 to 90 degrees directly over your screen. Baffle light from other sources. Your display should be high enough (or you, low enough) so that your eyes are level with the top edge of the screen. Sit at least 2 feet away from your screen.
- 5. Do not expose your display to heat.**
Excess heat from sunlight or radiators can damage its electronic components and/or the case. Keep it away from heat sources. However, your Radius display will generate some heat of its own, as will most electronic equipment. Do not become concerned if your display becomes warm.
- 6. Move your display if radio frequency interference is suspected.**
See the Appendix in your Radius user's manual on radio frequency interference for additional information and corrective suggestions. If you suspect electromagnetic interference, move your display 6 to 12 inches from its original position and you should see an improvement.
- 7. Allow at least one inch between your display and other equipment.**
This will allow the necessary amount of air to enter and flow through the ventilation slits.

8. ***Do not put things on top of your display.***
This will cause the display to overheat. Keep papers and other materials off the display. Allow at least 6 inches above the display for adequate air flow and display swivel movement.
9. ***Clean your display case and screen with a damp, lint-free cloth or paper towel.***
A household glass cleaner reduced with water to 33% of its strength (for example, 1/3 Windex[®] and 2/3 water) and sprayed onto a cloth can be used to remove fingerprints, dust, or grease. Do not spray a cleaner or solution directly onto the display screen or case. Do not use solvents, full-strength cleaners, or abrasives that may damage the surface of your display.
10. ***Do not place tape, self-adhesive notes, or other adhesives on the face of your display.***
The various adhesives may damage the face of your screen, especially a screen with an antiglare coating.

The overall line-straightness, picture-size and position of the display were factory set. The settings were made with the display fully warmed (at least 30 minutes) and with the front of the tube facing magnetic "East." You may, however, observe slight variations in the geometry of your display's image when rotating the display. If you observe a distortion or movement of the display's image, check, move, and compensate for the following:

- Large metal objects near the display, e.g.: metal posts
- High-voltage power or transformer near the display or magnetic activity on the other side of a wall
- A large disk drive nearby
- An adjacent, second display

Chapter 3

Reference

This chapter contains a troubleshooting section, information about Radius Customer Support and Service, on-line services and international distributors.

Troubleshooting

If you are not getting an image on your Radius Two Page Display, take a few minutes to try to isolate the difficulty. Following these few simple procedures will verify whether there is, in fact, a problem.



Warning: *To prevent electrical shock, do not remove the cover of your Two Page Display. No user-serviceable parts are inside. Refer servicing to a Radius-authorized Service Center.*

- Verify that the **power switches on** your display and on your computer are both in the ON position and that all power cables in your system are properly connected. Be sure the LED light is on.
- Check that the **display cable is securely connected** to the computer. Refer to *Connecting the Display Cable* for specific information.
- Your display may be in its power-saver mode. **Move your mouse or press a keyboard key.** Depending on the time since your display was last at full power, it may take up to 10 seconds for an image to reappear.
- Are the brightness and contrast knobs turned completely off? Try **adjusting the brightness and contrast knobs.**
- If neither your Two Page Display or your computer works, check to **see if the power to the wall outlet** has been interrupted.

Older video interface cards (models 0038, 0039, 0187, and 0274) were not designed for nor will they work with the TPD/20gs or TPD/21gs. TPD models 0218 and 0219 will work with these models of interface cards. Radius recommends using the PrecisionColor 8XJ interface card for proper operation with all Radius Two Page displays.

If you still are having trouble or have a problem of a different nature from the ones described above, contact your Radius Authorized Reseller for assistance.

Refer to the *Troubleshooting* section of your *RadiusWare User's Manual* if you believe that you have a conflict between RadiusWare and some software application.

Radius Customer Support and Service

Radius has created a worldwide authorized reseller network to provide extensive support in both sales and service. If you cannot return your equipment to the Reseller from whom you purchased your Radius system, or do not know the location of the nearest Radius Authorized Reseller, please contact Radius information center at **(408) 434-1012** or **(800) 227-2795**. For Reseller information outside the United States, contact the local Radius International Distributor or write to:

Radius Inc

International Sales Department
1710 Fortune Drive
San Jose, California 95131-1744 USA
(408) 434-1010

If you have a problem, need answers to technical questions, or need information about product updates, you should contact your Radius Authorized Reseller for assistance. If you have a problem, be sure to that you have reviewed the troubleshooting section of this manual, and have written out the following information prior to your call. This will expedite the diagnosis and correction of your problem.

- Radius product (s)
- Macintosh model and general configuration (hard drives and other peripherals)
- Version numbers of the following:
 - RadiusWare
 - Radius Resolutions
 - System
 - Finder

If, after consulting with your Radius Authorized Reseller, you need further assistance, contact Radius Customer Support through any of the following:

Service	Address	Forum Address
<i>AppleLink</i>	RADIUS.Tech	Third Parties:Radius
<i>America Online</i>	RadiusTS	Keyword: RADIUS
<i>CompuServe</i>	76004,2155	GO APVENB, Library 14
<i>Internet</i>	support@radius.com	FTP.Radius.COM

Radius also maintains a multi-line BBS that contains the current software releases and other new information. This is available at **(408) 954-1689** from 2400 to 9600 baud (V.32, V.42bis). We also have a 14,400 baud (v.32bis, v.42bis) modem that can be reached by calling **(408) 954-1335**. Your terminal program must be able to emulate either VT100, VT52, or ANSI. Set your modem for no parity, 8 data bits and 1 stop bit.

Telephone voice support is available at **(408) 434-1012**, Monday through Friday, 6:00 AM to 6:00 PM, Pacific Standard Time.

Radius Customer Service can also be reached via facsimile at **(408) 954-1015**.

The Radius Products FAX Information System

If you wish to take advantage of an immediate response system for information on Radius products and domestic suggested retail price lists, you can call one of the following numbers 24 hours a day, and by following the instructions, you will automatically receive the information you select by return-facsimile transmission.

- United States and Canada (800) 966-7360
- Local and International (408) 954-6670

Communicating with Radius

The Radius telephone and facsimile numbers for various functions are summarized below for your convenience:

Developer Information	(408) 954-6600
Electronic On Line Service	(408) 954-1689
International Product Information FAX	(408) 954-6670 *
Main Corporate Number	(408) 434-1010
Reseller Information	(800) 227-2795
Technical Information FAX	(800) 332-9255 *
Technical Questions (submittal) FAX	(408) 434-1015
Technical Support	(408) 434-1012
U. S. Product Info FAX	(800) 966-7360 *

* denotes an automatic FAX-back system to which you telephone instructions; you will need a facsimile machine to receive information

RadiusCare in the United States

At Radius, we believe that excellent service and support are an important part of the product you receive. With your purchase, we include a free one-year warranty and highly responsive technical support.

To make sure that the package is complete and product care is continued, we offer RadiusCare as an investment in the product's future. For pennies a day, you can rest assured that your Radius products will be protected by an excellent service agreement and continued technical support for an additional year or two.

RadiusCare can be purchased from any participating Radius reseller in the U.S. when you buy your Radius equipment, or during the time the product is in its initial warranty period. There are over 1500 Radius Authorized Resellers waiting to serve you.

For the location of a participating, authorized U.S. Radius Reseller nearest you, call Radius at **(408) 434-1012**.

Radius International Sales Offices

Radius Canada telephone: **(416) 777-9900**
250 The Esplanade fax: (416) 777-9911
Suite 110
Toronto, Ontario M5A 1J2

Radius France telephone: 3-1 **4692-2335**
BP422, Bureau 300 fax: 3-1 4692-2337
World Trade Center 2
CNIT, 2 place de la Défense
92053 Paris-la-Défense

Radius United Kingdom telephone: **0483-772773**
13 Westminster Court fax: 0483-750540
Hiple Street
Old Woking, Surrey GU22 9LQ

Radius K. K. (Japan) telephone: 1-3-**5410-2480**
Yanaba Bldg 5F fax: 1-3 5410-1624
6-7-10 Roppongi, Minato-ku
Tokyo, Japan

Appendix A: Specifications

Two Page Display/20gs Specifications

CRT

CRT size	20 inches diagonal
Image size	Horizontal 356 mm (14.0 in) Vertical 270 mm (10.6 in)
Resolution	(H) 1152 x (V) 870 pixels
Density	82 dpi
Warm up	20 minutes to meet all specifications

Video

Analog signal	RS-343
Horizontal scan rate	68.68 KHz
Vertical refresh rate	75 Hz
Controls	Brightness, Contrast and Power

Physical Attributes

Width	461 mm (18.0 in)
Height	397 mm (15.5 in)
Depth	403 mm (15.8 in)
Weight	25 kg (55 lbs)
	Tilt/Swivel included
	LED Power Indicator

Environmental

Operating conditions	10° to 35° C
Humidity, non-condensing	20% to 80%
Operating altitude	3,000 m (10,000 ft.) max

Power

Input voltage range	100 to 240 VAC, self-configuring
Frequency	50/60 Hz, ± 3 Hz
Current	1.7 amps, max
Consumption	100 watts nominal, 135 watts max, 12 watts using Power Saver
Cable	Power cable included

TPD/21gs Specifications

CRT

CRT size	21 inches diagonal
Image size	Horizontal 394 mm (15.5 in) Vertical 298 mm (11.7 in)
Resolution	(H) 1152 x (V) 870 pixels
Density	74 dpi
Warm up	20 minutes to meet all specifications

Video

Composite analog signal	RS-343
Horizontal scan rate	68.68 KHz
Vertical refresh rate	75 Hz
Controls	Brightness, Contrast and Power

Physical Attributes

Width	508 mm (20.0 in)
Height	490 mm (19.3 in)
Depth	432 mm (17.1 in)
Weight	27 kg (60 lbs)
	Tilt/Swivel included
	LED Power Indicator

Environmental

Operating conditions	10° to 35° C
Humidity, non-condensing	20% to 80%
Operating altitude	3,000 m (10,000 ft.) max

Power

Input voltage range	100 to 240 VAC, self-configuring
Frequency	50/60 Hz, ± 3 Hz
Current	1.7 amps, max
Consumption	100 watts nominal, 135 watts max, 12 watts using Power Saver
Cable	Power cable included

Appendix B: Regulatory Approvals

Safety

UL Listed, CSA Certified, TUV GS (includes ergonomic requirements per ZH1/618).

RFI

FCC Class B, Canadian DOC Class B; EN50081-1/EN 55022 ClassB/CISPR22 ClassB; EN50082-1/IEC 801-2, 3, 4; and Japanese VCCI Class 2

FCC Statement for the TPD/20gs and TPD/21gs

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.

Modifications or changes to this product not expressly approved by Radius could void the user's authority to operate the equipment. To insure compliance to FCC non-interference regulations, shielded interface cables should be used to attach all peripherals.

In case of interference, determine whether the monitor or some other peripheral is causing the interference. Disconnect the monitor and try the computer with its peripherals. If the problem persists, disconnect the peripheral devices and their cables one at a time to locate the cause of the interference.

If the display is the cause of the interference, try the following:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- In case of TV or radio interference, turn the antenna until the interference stops, or consider installing an antenna with coaxial cable lead-in between the antenna and the TV.
- Consult the dealer or an experienced radio/TV technician for help.

You may find the following booklet prepared by the Federal Communications Commission helpful:

How to Identify and Resolve Radio-TV Interference Problems

This booklet is available from:
U.S. Government Printing Office
Washington, DC 20402
Stock# 004-000-0345-4

Canadian RFI Statement for the TPD/20gs and TPD/21gs

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the radio interference regulations of the Canadian Department of Communications.

Le présent appareil numérique n'émet pas de bruit radioélectrique dépassant les limites applicables aux appareils numériques de Classe B prescrites dans le règlement sur le brouillage radioélectrique édicté par le Ministère des Communications du Canada.

Japanese VCCI Statement

この装置は、第二種情報装置（住宅地域又はその隣接した地域において使用されるべき情報装置）で住宅地域での電波障害防止を目的とした情報処理装置等電波障害自主規制協議会(VCCI)基準に適合しております。

しかし、本装置をラジオ、テレビジョン受信機に近接してご使用になると、受信障害の原因となることがあります。

取扱説明書に従って正しい取り扱いをして下さい。

(Japanese VCCI translation)

This equipment is in the 2nd class category (information equipment to be used in a residential area or an adjacent area thereto) and conforms to the standards set by the Voluntary Control Council for Interference by Data Processing Equipment and Electronic Office Machines aimed at preventing radio interference in such residential areas. When used near a radio or TV receiver, it may become the cause of radio interference. Read the instructions for correct handling.

Declaration of Conformity

Radius declares that the Radius Two Page Display/20gs, model 0436, and the Two Page Display/21gs, model 0437, are in conformity with the following standards or other normative documents:

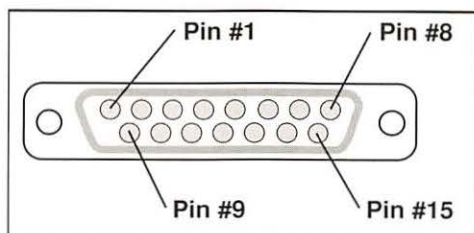
EN60950; 1988/Amend. 1;1990/Amend. 2; 1991, EN50081-1/EN55022/CISPR 22 Class B, and EN50082-1/IEC 801-2, 3, and 4, following the provisions of 73/23/EEC — Low Voltage Directive and 89/336/EEC — EMC Directive.



Manager, Technical Publications
Radius Inc
1710 Fortune Drive
San Jose, California 95131-1744
August 20, 1993

Appendix C: Interface Cable Specifications

The following table lists the pin specifications of the interface cable supplied with the Two Page Displays.



Pin numbers for the TPD video interface cable (Macintosh end)

Pin	Signal
1	<i>unused</i>
2	<i>unused</i>
3	<i>unused</i>
4	ID1
5	<i>unused</i>
6	<i>unused</i>
7	ID2
8	<i>unused</i>
9	Video In
10	ID3
11	Ground
12	Vertical Sync
13	<i>unused</i>
14	Ground
15	Horizontal Sync



Important: *To comply with FCC regulations, a shielded interface cable, such as that included with the display, must be used in conjunction with the Radius Two Page Display.*

Appendix D: Warranty

Next-Day Warranty-Service Program

At Radius, we believe that excellent service and support are important parts of the product you receive. With your display purchase, we include a free one-year warranty and highly responsive technical support.

Furthermore, in the United States, the initial Radius warranty program features *next-day replacement* service for displays. Radius will replace a defective display that is within its warranty period, overnight — without any cost to you. You will not even have to pack or unpack a display.

Here's what to do

Call Radius at **(408) 434-1012**. Radius will then ship you a replacement display (in the U.S. only), over-night. Displays will arrive by 10:30 the next morning, and, within four hours, a Radius representative will unpack the replacement display, install it, pack up the defective display, and ship it back to Radius.

Limited Warranty

What is covered: All defects and any faulty workmanship in your Radius Two Page Display .

Who is covered: You, as the original purchaser of this Radius product, are covered under this warranty. If you sell or give this product to someone else, that person will also be covered under this warranty.

For how long: One year from the original purchaser's date of purchase.

What we will do: Replace the Two Page Display without charge and send it to you freight prepaid in the United States. Outside of the United States, we will repair or replace your Two Page Display, at our option, without charge and return it freight prepaid to an Authorized Radius Reseller.

What you must do: *In the United States,* Call Radius at (408) 434-1012. Radius will then ship you a replacement Two Page Display, overnight. Your replacement Two Page Display will arrive by 10:30 the next morning. Within four hours, a Radius representative will arrive and unpack the replacement display, install it, pack up the defective display, and ship it back to Radius.

In areas other than the United States, return the defective Two Page Display (including cables, registration card and manuals), with all transportation and insurance charges prepaid, to an Authorized Radius Reseller within the country of original retail purchase. Please include your name, address, telephone number, a description of the problem and a copy of a bill of sale bearing a Radius serial number as proof of original retail purchase. If you do not know the location of an Authorized Radius Reseller in your area, please contact Radius at the address listed at the end of this manual.

Other conditions: This warranty does not apply if the Radius serial number has been removed or if the product has been damaged by misuse, accident, modification or unauthorized repair. Radius may use remanufactured, refurbished, or used parts and modules in making warranty repairs.

Radius hardware is designed to work with computers manufactured by other companies. It may be that certain features of software designed for such computers will not operate when used with our hardware. Accordingly, Radius does not warrant or represent that all software will function uninterrupted or error-free when used in conjunction with Radius hardware.

THIS WARRANTY IS IN LIEU OF ALL WARRANTIES, WHETHER ORAL OR WRITTEN, EXPRESS OR IMPLIED. ANY IMPLIED WARRANTIES, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO ONE YEAR FROM THE DATE OF PURCHASE OF THIS PRODUCT. IN NO EVENT WILL RADIUS BE LIABLE FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES FOR THE BREACH OF ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING DAMAGE TO PROPERTY AND, TO THE EXTENT PERMITTED BY LAW, DAMAGES FOR PERSONAL INJURY, EVEN IF RADIUS HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES OR IF THIS WARRANTY IS FOUND TO FAIL IN ITS ESSENTIAL PURPOSE. Some states do not allow the exclusion or limitation of incidental or consequential damages or



limitations on how long an implied warranty lasts, so the above limitation or 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.

Warning: *To prevent electrical shock, do not remove the cover of any radius display. No user-serviceable parts are inside. Refer servicing to qualified service personnel.*

Two Page Display , Radius, the Radius logo, RadiusWare are trademarks of Radius Inc. Apple and the Apple logo are registered trademarks of Apple Computer, Inc. Other brand and product names are trademarks or registered trademarks of their respective holders.

User-Recorded Information

Date of Purchase _____

Radius Reseller _____

Serial Number _____

Four-digit Radius Product Model Number:
(TPD/20gs is the **0436** and TPD/21gs is the **0437**)

Notes _____

Copyright © 1993, 1992, Radius Inc.

All Rights Reserved. Radius products contain certain trade secrets and confidential and proprietary information of Radius Inc. Use, reproduction, disclosure and distribution by any means are prohibited, except pursuant to a written license from Radius Inc. Use of copyright notice is precautionary and does not imply publication or disclosure.

Restricted Rights Legend

Use, duplication, or disclosure by the Government is subject to restrictions as set forth in subparagraph (c) (1) (ii) of the Rights in Technical Data and Computer Software clause at DFARS 52.227-7013.

RADIUS Inc

1710 Fortune Drive
San Jose, California USA 95131-1744
(408) 434-1010



Printed in the United States on recycled paper

♻️ pir

October 1993

Part 000-0612-03

Index

C

Customer Support 12

D

Display

Screen savers 7

Tips for using 7

E

Extended Warranty 15, 22

R

Radius

Electronic online service 13

FAX product information 14

International Sales Offices 15

Telephone numbers 14

RadiusCare 15

U

Unpacking 1

V

Video Cable Specifications 21

W

Warranty Program 22

