

Radius Full Page Display (FPD)

# RADIUS FPD INTERFACE

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**Monitors**

**Interface Cards (Circuit Boards)**

**Cables**

**RadiusWare Software**

radius™

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# Monitors

15-inch Portrait mode flat CRT  
high resolution monochrome monitor  
864 x 640 pixels



## 1986 Full Page Display

15-inch Portrait mode flat CRT  
high resolution monochrome monitor  
**67Hz non-interlaced screen refresh**  
864 x 640 pixels

DB-9 Connector  
Composite Analog Signal: TTL



\*\* Note \*

Using newly available components, the FPD achieves a sweep rate of 67 hertz. And ends flicker.

The CRT itself is a brand new, square corner design. It's so new that the first circuit board prototype was completed before a tube was even available. Burrell Smith worked it all out without having the actual screen on hand!

MacUser Nov. 1986

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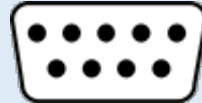
1987

## Full Page Display

15-inch Portrait mode flat CRT  
high resolution monochrome monitor  
**69Hz non-interlaced screen refresh**  
864 x 640 pixels

**DB-9 Connector**

Composite Analog Signal: TTL



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## 1991 Full Page Display

15-inch Portrait mode flat CRT  
high resolution monochrome monitor  
**75Hz non-interlaced screen refresh**  
864 x 640 pixels

**HD-15 Connector**  
Separate sync, negative going, TTL



\*\* Note \*\*

The FPD Monitor is capable of supporting 4-bit gray scale on Macs with built-in video that support the Macintosh Portrait Display Monitor.

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1994

## Full Page Display/gs

15-inch Portrait mode flat CRT  
high resolution monochrome monitor  
**75Hz non-interlaced screen refresh**  
864 x 640 pixels

**HD-15 Connector**

Separate sync, negative going, TTL



\*\* Note \*\*

The Full Page Display/gs Monitor (0424) is capable of supporting up to 256 shades of gray on Macs with built-in video that support the Macintosh Portrait Display Monitor.

\*\* Note \*\*

Energy Star-compliant Monitor.

\*\* Note \*\*

For users who need lower priced Monitors.

# Full Page Display Monitors (Model & Part Numbers)

Model	Part	Connector	Vertical Scan Rate		
		DB-9	67Hz	Clinton Electronics Inc	- See Note below
15RAM1		DB-9	69Hz	Zenith Electronics Corp	- FCC ID Date: 1987-12-14
15RAM3		DB-9	69Hz	Zenith Electronics Corp	
	0041	DB-9	69Hz		
15RAM8	0311	HD-15	75Hz	Zenith Electronics Corp	- FCC ID Date: 1991-05-07
15RAM8 E	0362	HD-15	75Hz	Zenith Electronics Corp	- FCC ID Date: 1991-05-07
FPS/gS	0424	HD-15	75Hz	Display Technologies Inc	- FCC ID Date: 1994-06-29

\*\* Note \*\*

Example of Label information on back of FPD Monitor with no FCC ID and Model Number.

LISTED ASSESSORY EDP EQUIPMENT 89T4 FOR USE WITH  
 APPLE MACINTOSH 512E, PLUS, MAC II & SE MODEL COMPUTERS  
 JAN 19 1988

The Monitor has the same rear layout and DB-9 Connector as the 15RAM1, 15RAM3 and ~~0041~~ Monitors except for the round fuse cap next to the smaller power switch.

The curves and lines of the Escutcheon (protective outer covering for front of CRT) is different than the 15RAM1, 15RAM3 and ~~0041~~ Monitors.

# Full Page Display Monitor (Horizontal & Vertical Frequencies)

The Radius FPD interface video cards have one or two crystal oscillators for generating the FPD Monitor's horizontal and vertical scan rates.

Frequency Crystal Oscillator	Monitor Horizontal Scan Rate	Monitor Vertical Scan/Refresh Rate	Connector
55.000 MHz	68.75KHz	67.139Hz	DB-9
51.270 MHz	64KHz	69Hz	DB-9
57.283 MHz	68.85KHz	75Hz	DB-15

\*\* Note \*\*

The Radius 67.139Hz Refresh Rate was introduced in the fall of 1986.

The Radius 75Hz Refresh Rate was introduced in early 1991 along with the DB-15 Connector.

\*\* Note \*\*

Vertical Scan/Refresh Rate

Expressed in Hertz (Hz), it is the number of frames (complete pictures) written to the screen every second. Higher frequencies reduce flicker, because they light the pixels more frequently, reducing the dimming that causes flicker.

# Full Page Display Monitors (DB-9 and HD-15 Connectors)

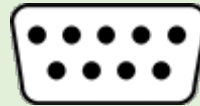
## FPD Monitor & connectors

There are two types of FPD Monitor connectors, the DB-9 Connector that was used before 1991 and the HD-15 connector that was introduced in 1991.

### DB-9 Connector

two row, 9-pin connector  
analog signal, separate sync: TTL

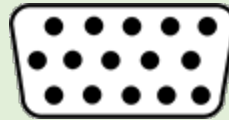
Composite Analog Signal: TTL



### HD-15 Connector

three row, 15-pin connector

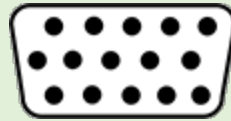
Separate sync, negative going, TTL



# Full Page Display Monitors (Macintosh Built-In Video Compatibility)

HD-15 Connector

Vertical Scan Rate  
75Hz



The

15RAM8 (0311)  
15RAM8 E (0362)  
Full Page Display/GS (0424)

are also compatible with the built in video of the  
Quadra, Centris and Power Macintosh family of Macintosh computers.

# **Interface Cards (Printed Circuit Boards)**

512Ke, Plus, Macintosh II, SE, SE/30, LC and Classic

# Full Page Display Interface Cards (Printed Circuit Boards)

Assembly	Nomenclature	Macintosh	Frequency Crystal Oscillator	Date	Interface Connection
ASSY:		(Mac 512Ke & Plus)	55.000MHz	1986	* Note * (DB-9)
ASSY: 630-4000	FULL PAGE DISPLAY	(Mac 512Ke & Plus)	55.000MHz	1987	* Note * (DB-9)
ASSY: 630-5001	FULL PAGE DISPLAY	(Mac SE)	51.270MHz 55.000MHz	1987	PDS (DB-9)
ASSY: 630-0009	MacII FULL PAGE DISPLAY	(Mac II)	51.270MHz 55.000MHz	1987	NuBus (DB-9)
ASSY: 630-0049	FULL PAGE DISPLAY	(Mac Plus)	51.279MHz	1988	* Note * (DP-9)
ASSY: 632-0026	FPDSE30	(Mac SE30)	51.270MHz	1989	PDS (DB-9)
ASSY: 632-0075	<b>SE FPD 69/75 HZ</b>	(Mac SE)	51.270MHz 57.283MHz	1990	PDS (DB-9) (DB-15)
ASSY: 632-0088	FPD Interface	(Mac Classic)	57.283MHz	1991	** Note ** (DB-15)
ASSY:		(Mac LC)	57.283Mhz	1991	PDS (DB-15)

\* Note \*

The display is controlled by a digital board designed by Burrell Smith that fits on the Mac's digital board. It contains a 68000 microprocessor which replaces the Mac's 68000, as well as 128K bytes of dual ported video RAM, and firmware.

MacWorld October 1986

# Full Page Display Interface Cards (Printed Circuit Boards)

\* Note \*

As of this writing, the Radius video board must be installed at the company's California factory, leaving you without your Macintosh for up to a week. What's more, the process involves permanent changes to your Macintosh's motherboard. Radius claims that a new clip-on installation procedure, requiring no modification to your machine, will be available through local dealers beginning March 1, 1987.

InfoWorld February 16, 1987

\*\* Note \*\*

The FPD interface video card clips over the Motorola 68000 CPU for installation, as the Macintosh Classic has no expansion slot.

# Full Page Display Interface Cards (Horizontal & Vertical Frequencies)

The Radius FPD interface video cards have one or two crystal oscillators for generating the FPD Monitor's horizontal and vertical scan rates.

Frequency Crystal Oscillator	Monitor Horizontal Scan Rate	Monitor Vertical Scan/Refresh Rate	Connector
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\*\* Note \*\*

Vertical Scan/Refresh Rate

Expressed in Hertz (Hz), it is the number of frames (complete pictures) written to the screen every second. Higher frequencies reduce flicker, because they light the pixels more frequently, reducing the dimming that causes flicker.

# Full Page Display Interface Cards (DB-9 and DB-15 Connectors)

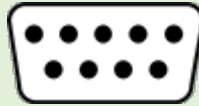
FPD interface video card & connectors

There are two types of FPD interface video card connectors, the DB-9 Connector that was used before 1991 and the DB-15 connector that was introduced in 1991.

## DB-9 Connector

two row, 9-pin connector

Composite Analog Signal: TTL



## DB-15 Connector

two row, 15-pin connector

Separate sync, negative going, TTL



\*\* Macintosh II Information Note \*\*

Apple introduced the DB-15 Video Connector for the Macintosh II in 1987

# Full Page Display Interface Cards (Monitor Sensing Circuit)

## Macintosh 512Ke, Plus and SE

At any time, users can disconnect the single cable connecting the Radius FPD to the Macintosh, and the computer will revert to its original, standard-screen operation.

Once the large display is reconnected, the logic board automatically senses the connection and re-establishes the combined two-screen display area.

The FPD preserves the portability of the Macintosh computer by automatically sensing the connection to the display.

Radius FPD Brochures  
1986-1987

## Question & Answer

Q: When I double click on the Classic/SE/Plus control panel, I receive an error message stating it cannot be used with this Macintosh. Why?

A: The software is not detecting the presence of the Radius FPD interface and monitor. The Classic/SE/Plus Control Panel will not open unless there is a monitor connected to the interface card. If the monitor is connected, then the connection between the Mac SE and the Radius Display has been broken. First, check the external video cable and make sure it is securely connected. If that appears solid, there is also an internal video cable that runs from the Radius card to the back of the SE that could be defective or loose.

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# Cables

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# Radius Cable (DB-9 to DB-9 Connector)

**Part Number: 590-5000**

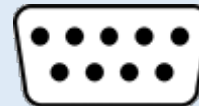
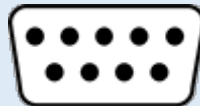
This cable is for the following display:

- Full Page Display 64/68K for the NuBus Interface Card (MacII & DB-9 Connector)

This cable ships with the following display:

- Full Page Display 15RAM1

	Computer Connector DB-9 Male	Monitor Connector DB-9 Male
Pin 01	Video	Video
Pin 02	Video Ground	Video Ground
Pin 03	Ground	Ground
Pin 04	Horizontal Sync	Horizontal Sync
Pin 05	Vertical Sync	Vertical Sync
Pin 06	no pin	no pin
Pin 07	no pin	no pin
Pin 08	no pin	no pin
Pin 09	no pin	no pin



# Radius Cable (DB-9 to DB-9 Connector)

Part Number: 590-5000

Example of Radius FPD interface video card for the Macintosh SE.

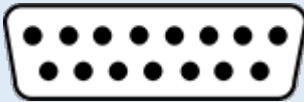
	PCB Mount Header Board-to-Wire, Unshrouded Vertical, 10 Pin, 1 Row, Male and Female Connector	Computer Connector DB-9 Female	15RAM1 Monitor Connector DB-9 Female
Pin 01	n/a	Clear Wire Video	Clear Wire Video
Pin 02	Black Wire Video Ground	Black Wire Video Ground	Black Wire Video Ground
Pin 03	Clear Wire Video	Black Wire	Ground
Pin 04	n/a	Red Wire Horizontal Sync	Purple Wire Horizontal Sync
Pin 05	No Pin / Plug	Orange Wire Vertical Sync	Yellow Wire Vertical Sync
Pin 06	Black Wire	n/a	n/a
Pin 07	Red Wire Horizontal Sync	n/a	n/a
Pin 08	n/a	n/a	n/a
Pin 09	Orange Wire Vertical Sync	n/a	n/a
Pin 10	n/a		

# Radius Cable (DB-15 to HD-15 Connector)

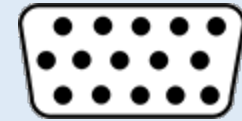
Part Number: 590-0029

This cable ships with the following displays:

- Monochrome Pivot 0276
- Full Page Display 0311, 75Hz
- Full Page Display 0424, 75Hz



	Computer Connector DB-15 Male	Monitor Connector HD-15 Male
Pin 01	Red Ground	Red Video
Pin 02	Red Video	Green Video
Pin 03	NA	Blue Video
Pin 04	ID1	NA
Pin 05	Green Video	ID3
Pin 06	Green Ground	Red Ground
Pin 07	ID2	Green Ground
Pin 08	NA	Blue Ground
Pin 09	Video Blue	NA
Pin 10	ID3	Ground
Pin 11	Ground	NA
Pin 12	Vertical Sync	ID1
Pin 13	Blue Ground	Horizontal Sync
Pin 14	Ground	Vertical Sync
Pin 15	Horizontal Sync	ID2



# Radius Cable (DB-15 to HD-15 Connector)

Part Number: 590-0029

Example of Radius FPD interface video card for the Macintosh Classic.

	PCB Mount Header Board-to-Wire, Unshrouded Vertical, 10 Pin, 2 Row, Male	Computer Connector DB-15 Female	Monitor Connector HD-15 Female
Pin 01	??	Red Ground	Red Video
Pin 02	??	Red Video	Green Video
Pin 03	??	NA	Blue Video
Pin 04	??	ID1	NA
Pin 05	??	Green Video	ID3
Pin 06	Ground	Green Ground	Red Ground
Pin 07	Ground	ID2	Green Ground
Pin 08	Ground	NA	Blue Ground
Pin 09	Ground	Video Blue	NA
Pin 10	Ground	ID3	Ground
Pin 11		Ground	NA
Pin 12		Vertical Sync	ID1
Pin 13		Blue Ground	Horizontal Sync
Pin 14		Ground	Vertical Sync
Pin 15		Horizontal Sync	ID2

?? = Blue Video, Vertical Sync, Horizontal Sync and ID ??

# RadiusWare Software (Macintosh Classic, SE and Plus)



Disc Version 2.0.2

**Classic / SE / Plus Display CDEV v.4.1**

This is the Control Panel for Radius Full Page Display and Two Page Display Interfaces for the Mac Classic, SE and Plus.

NOTE: THIS SOFTWARE WILL ONLY OPERATE IN CONJUNCTION WITH THE **VERSION 4.4 ROM** UPGRADE FOR SYSTEM 7.0 COMPATIBILITY. IT WILL NOT WORK WITH VERSION 4.1 ROMS OR OLDER.

Instructions for finding this ROM revision are in your RadiusWare manual (on or about page 23). If you have any problems locating this information or wish to order new ROMs, call your local Radius Dealer.

Note

Software comes on 3.5-inch Disk

## Order Numbers (Brochures)

FPD02	Full Page Display 68KHz - 512E & Plus	- With your order you'll receive: Full Page Display, Users Manual, Limited Warranty Statement
FPD05	Full Page Display 68KHz SE	- With your order you'll receive: Full Page Display, Users Manual, Limited Warranty Statement
FPD07	Full Page Display 64KHz Macintosh II	- includes a monitor, video card, video cable, power cable, and system software.

## Full Page Display Interface Cards (Box Numbers)

0032	FPD Macintosh Plus	(69Hz non-interlaced refresh rate)
0034	FPD Macintosh SE (0041)	(69Hz non-interlaced refresh rate)
0036	FPD Macintosh II (0041)	(69Hz non-interlaced refresh rate)
0200	FPD Interface for SE/30	
0308	FPD card for SE for 0362	(75Hz non-interlaced refresh rate)
0309	FPD card for Classic	(75Hz non-interlaced refresh rate)

# Macintosh System Software Versions

**1987**

Macintosh System 4.0, Finder 5.4

**1987**

Macintosh System 4.1 Finder 5.5

**1987**

Macintosh System Software Update 5.0  
System 4.2, Finder 6.0, MultiFinder 1.0

**1987**

Macintosh System Software Update 5.1  
System 4.3, Finder 6.0, MultiFinder 1.0

**1988**

Macintosh System Software 6.0  
**System 4.4 - renamed 6.0, Finder 6.1, MultiFinder 1.1 - renamed 6.0**

**1991**

Macintosh System 7.0  
System 7 runs on all Macintosh Plus and later Macintosh models,  
that have 2MB RAM and a hard drive.

**1992**

Macintosh System 7.1

**1994**

Macintosh System 7.1.2  
First version of Macintosh system software for Power Macintosh computers;  
this accompanied the first-generation Power Macs  
(Power Mac 6100, 7100 and 8100).

**1994**

Macintosh System 7.5

## Full Page Displays 64/68KHz Q&A;

Q: When I double click on the Classic/SE/Plus control panel, I receive an error message stating it cannot be used with this Macintosh. Why?

A: The software is not detecting the presence of the Radius FPD interface and monitor. The Classic/SE/Plus Control Panel will not open unless there is a monitor connected to the interface card. If the monitor is connected, then the connection between the Mac SE and the Radius Display has been broken. First, check the external video cable and make sure it is securely connected. If that appears solid, there is also an internal video cable that runs from the Radius card to the back of the SE that could be defective or loose. You will need to take your Mac to a Radius Authorized Service Center to have that cable checked and if necessary replaced. You can obtain a list of Radius service centers in your area by calling 800-227-2795.

Q: I wish to upgrade to a Radius Full Page Display/gs. Can I still use my older interface card?

A: It depends on which model of Radius card you are currently using. If you are running a full page display which has the part number of 0311, 0362, or 0424 (located on the back of the display), then the new monitor will run with your earlier interface. Otherwise you will need also need to upgrade your interface card to a model that supports the FPD/GS. Those cards are:

For a Macintosh SE you'll need an FPD/SE card, Radius part #0308.

For a Mac Plus, there is no compatible solution.

For a Nubus based Mac you'll need a Precision Color 8XJ card, Radius part #0369.

Q: I'm running a Pivot Display model number 0194 using a FPD card for a Macintosh SE, but I cannot pivot. Why?

A: The Monochrome Pivot and the Full Page Display (Part #0041) work identically when the Pivot is in portrait mode. However, the Full Page Display card in your Macintosh does not support pivoting.

Q: Can I run a 68Hz (Part # FPD01) on a Mac SE/30?

A: No. Radius did not manufacture an interface card for a 68Hz FPD for use with the SE/30.

Q: Can I use my FPD interface to run a Radius TPD?

A: No. The FPD interface supports only one resolution of 640 X 870 at either 64, 68 or 75 hz, depending on the model. The Radius TPD's run at a higher resolution of 1152 X 882, so will not work from an FPD card.

Q: When I use my Radius FPD with Aldus Freehand, the line and fill functions don't seem to work.

A: Within the Classic/SE/Plus Display control panel, set the Enlarged Menu Fonts to the Regular (smaller) size.

Q: Can I run System 7 with my Radius FPD 64/68Hz?

A: With the latest ROM and Software upgrades, the FPD will run System 7.1. However ONLY System 7.0 is supported in the Macintosh Plus Platform. ROM & software specific info are elsewhere in this Q&A.

Q: Can I use my 64/68Hz FPD from the built in video of any Macintosh, including a PowerMac?

A: No. The Built in Video circuit of a Macintosh will only support a Full Page Display that runs at 75Hz (model numbers 0311, 0362,0424).

Q: Can I adjust the internal settings of my 64/68Hz FPD so it will run at 75Hz or to get a faster screen redraw?

A: There are no internal adjustments that can be made to adapt the 64/68Hz models of the Radius FPD to work from built in video of a Mac, or for faster screen redraw.

Q: What is the part number of the cable I need to connect the FPD 64/68 to my NUBUS interface card?

A: The part number is 590-5000.

Q: What is the current version of the Software and ROM for a 64 /68 Hz FPD card for a Macintosh SE and how can I obtain it?

A: The current version of the ROM for a Radius FPD/SE card is 4.4. The current version of the software is 4.1. These versions of the software and ROM are necessary for running any System version up to 7.1 with your FPD. We do not recommend the use of System 7.5 with this configuration. If you do not have these latest versions, they can be obtained by calling 800-977-7060 and ordering part number 630-0112. This includes both the ROM chip and all necessary FPD software. If you only require the software, all necessary files can be obtained for free, via modem, from all of the major online services such as America Online, Compuserve, eWorld, AppleLink, the Internet, as well as from the Radius bulletin board at 408-541-6190. The file you need is entitled "Classic/SE/+ Display". The software alone can be ordered from 800-977-7060 by ordering part number 630-0335.

Q: What is the current version of the Software and ROM for a 64/68 Hz FPD card for a Macintosh Plus and how can I obtain it?

A: The current version of the ROM for a Radius FPD Plus card is 1.0. The current version of the software is 4.1. There has only been one ROM made for this product. If you require a software update, all necessary files can be obtained for free, via modem, from all of the major online services such as America Online, Compuserve, eWorld, AppleLink, the Internet, as well as from the Radius bulletin board at 541-6190. The file you need is entitled "Classic/SE/+ Display". The software alone can be ordered from 800-977-7060 by ordering part number 630-0335.

Q: What is the current version of the Software and ROM for a 64/68Hz FPD card for a Macintosh II and how can I obtain it?

A: The current version of the ROM for a Radius FPD-II card is 2.4. The current version of the software is 3.2.5. These versions of the software and ROM are necessary for running any System version up to 7.1 with your FPD. We do not recommend the use of System 7.5 with this configuration. If you do not have these latest versions, they can be obtained by calling 800-544-8456 and ordering part number 630-0114. This includes both the ROM chip and all necessary FPD software. If you only require the software, all necessary files can be obtained for free, via modem, from all of the major online services such as America Online, Compuserve, eWorld, AppleLink, the Internet, as well as from the Radius bulletin board at 408-541-6190. The file you need is entitled "Dynamic Desktop". The software can also be obtained on floppy disks by calling 800-977-7060 and ordering part number 630-0333.

Q: What files are necessary to run my Radius FPD, and how can I obtain the latest versions?

A: The file you need is entitled "Classic/SE/+ Display" and can be obtained for free, via modem, from all of the major online services such as America Online, Compuserve, eWorld, AppleLink, the Internet, as well as from the Radius bulletin board at 408-541-6190. The software can also be obtained on floppy disks by calling 800-977-7060 and ordering part number 630-0335.

Q: Can I use the 64/68Hz FPD with a Quadra 630?

A: No. The Quadra 630's built in video port does not support the 64/68 Hz FPD display.

Q: Can I use the 64/68Hz FPD with a Power Macintosh with PCI slots?

A: No. The PCI-based Power Mac's built-in video port doesn't support the 64/68 Hz FPD display, and there are no PCI cards which run at the older frequencies required to operate the 64/68FPD.

# Full-Page Display 75Hz (0311/0362/0424) Q&A; January 10, 1996

Q: I have an FPD interface in my Mac SE. Why does it tell me that the control panel named "Classic/SE/Plus Display" cannot be used with this Mac when I activate it?

A: The most likely cause is that the connection between the Mac SE and the Radius Display has been broken. First, make sure the monitor is attached to the card. Next, check the internal video cable, making sure that it is securely connected and does not have any breaks.

If the cable appears to be firmly connected, then you should take the board and cables to a Radius Authorized Service Center for testing. You can obtain a list of Radius Service Centers in your area by dialing 800-227-2795.

You may also require a more recent version of the software. The software used with an FPD on an SE is called "Classic/SE/Plus Display", and the current version is 4.1. The software can be obtained for free, via modem, from online services such as America Online, CompuServe, E-world, AppleLink, the Internet at ftp.radius.com, as well as from the Radius BBS at 408-541-6190. The file you need is entitled "Cl+/SE Display.sea". The software can also be ordered in disk form by dialing 800-977-7060 and requesting part number 630-0335.

Q: I wish to upgrade to a new Radius Full Page Display. Can I use my older interface card?

A: It depends. If your interface card is one which ran a Radius Full-Page Display (FPD) with a part number of either 0311, 0362 or 0424, then the new monitor will run when connected to your earlier interface card. The part numbers for the interface cards to drive a Radius FPD model 0311, 0362 or 0424 are:

- for the Mac SE - the Mac SE/FPD interface card, part number 0308.
- for the Mac II or Quadra Family - the Precision Color 8XJ card, part number 0369.

Models 0311, 0362 or 0424 of Radius FPDs are also compatible with the built in video of the Quadra, Centris and Power Macintosh family of Macintosh computers.

Q: Can I use my FPD interface to run a Radius Two-Page Display (TPD)?

A: No, the FPD interface is designed to run specifically with the Radius FPD.

Q: I have an FPD on a Mac Plus. Can I connect a 75 Hz FPD to my Mac Plus with my FPD-Plus Interface?

A: No. The Mac Plus-FPD card only supports 64 Hz and 68 Hz Full Page Displays. These displays have a model number of either 15 RAM x (where "x" represents a one-digit number between 1 and 7) or FPDS40.

Q: I am running an Apple Portrait Display from an Apple interface card. Can I use a Radius 75 Hz Full Page Display instead?

A: Yes. The 75 Hz FPD is compatible with Apple Portrait Display timings.

Q: Which cable do I need to run a 75 Hz FPD?

A: The cable required is part # 590-0029. This can be ordered by dialing 1-800-977-7060.

Q: Will the 75 Hz FPD work with a Power Macintosh 6100, 7100, 8100 or an AV series Quadra?

A: Yes. The Power Mac and AV series are compatible with the Radius 75 Hz FPDs.

Q: Will the 75 Hz FPD work with a Power Macintosh 7200, 7300, 7500, or 8500?

A: Yes. The Power Mac is compatible with the Radius 75 Hz FPDs.

Q: Will the 75 Hz FPD work with a Power Macintosh 9500?

A: Yes, but you will require a PrecisionColor 8/1600 card in order to operate it.

Q: Will the 75 Hz FPD work with System 7.5/7.5.1/7.5.2?

A: Yes. When connected to the built in video of a Macintosh, the display is System 7.5 compatible.

Q: Can I use the 75 Hz FPD on an IBM PC or compatible?

A: No. The 75 Hz FPD is designed to run only on the Macintosh platform.

Q: I am running my FPD from the built in video port of my Mac. What is the current version of the software for use with my 75 Hz FPD and where can I obtain it?

A: The software required when running from the built in video of a Macintosh is called Dynamic Desktop and the current version is 3.2.5. The software can be obtained for free, via modem, from major online services such as America Online, CompuServe, eWorld, AppleLink, the Internet at ftp.radius.com, as well as from the Radius bulletin board at 408-541-6190. The file you need is entitled "Dynamic Desktop". The software can also be obtained on floppy disks by dialing 800-977-7060 and ordering part #630-0333.

Q: What is the current version of the software and ROM for a 75 Hz FPD interface card for a Macintosh SE and where can I get it?

A: The current version of the ROM for a Radius FPD/SE card is 4.4. The current version of the software is 4.1. These versions of the software and ROM are necessary for running any System version up to 7.1 with your FPD. We do not recommend the use of System 7.5 with this configuration. If you do not have these latest versions, they can be obtained by calling 800-977-7060 and ordering part number 630-0112. This includes both the ROM chip and all necessary FPD software. If you only require the software, all necessary files can be downloaded from most of the major online services such as America Online, CompuServe, eWorld, AppleLink, the Internet at ftp.radius.com, and the Radius Online BBS at 408-541-6190. The file you need is entitled "Classic/Plus/SE Display". The software alone can also be purchased on diskette by dialing 800-977-7060 and ordering part #630-0335.

Q: What is the current version of the software and ROM for a 75 Hz FPD card for a Macintosh II and how can I obtain it?

A: The current version of the ROM for a Radius Precision Color 8XJ card is 2.0 The current version of the software is 3.3. These versions of the software and ROM are necessary for running any System version up to 7.5.1 with your FPD. If you do not have these latest versions, they can be obtained by dialing 800-977-7060 and ordering part number 630-0486-01. This includes both the ROM chip and all necessary FPD software. If you only require the software, all necessary files can be downloaded from most of the major online services such as America Online, CompuServe, eWorld, AppleLink, the Internet at ftp.radius.com, and the Radius Online BBS at 408-541-6190. The file you need is entitled "Dynamic Desktop". The software can also be purchased on diskette by dialing 800-977-7060 and ordering part number 630-0333.