USER GUIDE FOR ELECTRONIC SERVICE MANUALS

This document explains the operation of the Electronic Service Manuals module within PASS. The following steps outline the basic flow of the system including screen captures for reference purposes.

1. When you click on the "<u>Electronic Service Manuals</u>" link within PASS, another browser window will open showing the following screen:

MENU Man Menu	Technical Literature	VISITORS 0 0 1 5 2
	Direct Search Model Search Enter as many characters as possible (including the dash), then click the 'Search' button. Partial model numbers are allowed.	Optional Search Product Group Select One

- 2. There are 2 methods to search for documents:
 - a. The <u>Direct Search</u> method allows you to enter a specific Model Number. You can enter as many characters as you want but ensure that the "dash" character is entered and in the correct location. For example, you can enter DVD-RV31 and click the "Search" button, which will return a list of possible models from which to choose. However, if you enter DV-DRV31 or DVDRV31, you will receive an error that the model does not exist.
 - b. The <u>Optional Search</u> method allows you to first choose a Product Group from the drop-down list. After choosing the Product Group, the Product Category drop-down will appear as shown below.



3. Whether you choose the "Direct Search" method as described in Step 2a, or the "Optional Search" method as described in Step 2b, a choice of models will then appear:

MENU	Technical Literature		
<u>Main Menu</u>			VISITORS 00153
	Direct Search Model Search Enter as many characters as possible (includi the dash), then click the 'Search' button. Part model numbers are allowed.		
	Search Results (Model Numbers)	同時の意思	Reset
	DMR-E20 78 M	odel(s) found.	Submit

4. Select the model of your choice and click the "Submit" button. The following screen will appear showing the available documents for that model (Contents).

North State			ACRN CONTRACT
MENU	Technical Literacure		
<u>Main Menu</u>			VISITORS 00153
	Direct Search	Optional Search	
	Model	Product Group AV_Products	100 E
	Enter as many characters as possible (including the dash), then click the 'Search' button. Partial model numbers are allowed.	Product Category DVD_Player	
		國局國	Reset
	Search Results (Model Numbers)		
	Contents	有些人有些	上の国
			Submit

- 5. In this example, a Service Manual and a Supplement Service Manual exist. Select the document type and click "Submit" to retrieve the document.
- The next screen that appears allows you to either view the document using your browser or to download the contents of the manual to your PC. In some cases, the viewing option may not be available. <u>This does not indicate an error</u>.



- 7. To view the document, simply click on "IE/Netscape Viewing". This will launch another browser window with a Table of Contents. You are now viewing the contents of the manual. Certain sections of the manual are presented in "PDF" format so your PC will need Acrobat Reader installed to view these items. Within the PDF files, there may be links to other files. There are color-coded navigation links in all Schematic, PCB, and Block diagrams to move you easily between each of the three.
 - a. Pink boxes link a specific Schematic section to its corresponding Block Diagram
 - b. Yellow boxes link a specific Schematic section to its corresponding PCB Diagram.
 - c. Blue boxes link a specific PCB section to its corresponding Schematic Diagram.
 - d. **Green** boxes link to the section called out within the box, or to the adjoining page or section when blank.
- 8. To download the document, follow these steps:
 - a. Click the "Download" link, which presents the following screen:

MENU	
MENU	Technical Literature
<u>Main Menu</u>	Model : DVD-RV31EN
	Download All Contents (3,518,106 Byte) Submit
	Download Specific sections of: Service Manual Front cover and list of contents 1 SAFETY PRECAUTIONS 2 PREVENTION OF ELECTRO STATIC DISCHARGE (ESD) TO ELECTROSTATICALLY SENSITIVE (ES) DEVICES 3 Precaution of Laser Diode 4 General Description 5 Disassembling the Casing and Checking P.C.B.s 6 PREVENTION OF STATIC ELECTRICITY DISCHARGE 7 OPTICAL PICKUP SELF-DIAGNOSIS AND REPLACEMENT PROCEDURE 8 SELF-DIAGNOSIS FUNCTION AND SERVICE MODES 9 ASSEMBLING AND DISASSEMBLING THE MECHANISM UNIT 10 ADJUSTMENT PROCEDURES
	 11 Electrical Confirmation 12 Abbreviations 13 Voltage Chart 14 BLOCK DIAGRAM 14.1 OVERALL BLOCK DIAGRAM

- b. All documents have a choice to "Download All Contents" by clicking on its "Submit" button. Certain documents, such as the one shown above, will also have a "Download Specific sections of:" option, which allows you to save portions of the document to your computer. Just select the sections you are interested in, and click the "Submit" button at the bottom of the page. If you choose to download certain sections, always include the first section in red "Front cover and list of contents". This will ensure that the table of contents is present.
- c. Whichever option you choose (Download All or Specific Sections), you will see the following screen after submitting your request:

MENU	Technical Literature
<u>Main Menu</u>	Model : DVD-RV31EN
	Archive file created (241,465 Byte) (1 min [28.8 Kbps]) (1 min [56.0 Kbps]) (1 min [128 Kbps]) Download Back

d. This indicates that a compressed file (Archive) will be created with the stated file size. When you click on the "Download" button, you will see a dialog box similar to the one below.
 Note: the type of dialog box will vary depending upon your operating system.

MENU	Technical Literature
<u>Main Menu</u>	Model : DVD File Download
	Archive file c Download Back Estimated time left: Download to: Transfer rate: Close this dialog box when download completes Open Open Folder
	File Download You are downloading the file: EN_SVC_select_PASCUser.exe from scmsc0f12 Would you like to open the file or save it to your computer? Open Save Cancel More Info Always ask before opening this type of file

e. Click on the "Save" button (**DO NOT CLICK OPEN**) and then specify a directory where you want the document stored (remember this directory for Step 9). This will save a file with an "exe" extension in that directory as shown below.

MENU	Technical Literature	3
<u>Main Menu</u>	Model Save As	
	Ar Wy Recent Documents Desktop Wy Docs My Docs Secure 10, 2000 Secure 10, 2000 Use the default file name or a name of your choice.	
	U File name: DVD-RV31EN_SVD_select_PASCUSER.exe Save Save as type: Application Cancel	
Done	S Local intranet	

9. To view the document after you have saved it, run the file (double-click on it from Windows Explorer) that was created in step 8e.

😂 C:\Elec	tronicManuals			
File Edi	t View Favorites Tools	Help		
G Bad	k • 🕥 • 🏂 🔎	Search 陵 Folders	•	
Address 🔓	C:\ElectronicManuals			
Folders ×	Name 🔺		Size Type	Date Modified
		Double-click on the expand it to its own		3/12/2003 7:31 AM

This will expand the file into its own folder with the model number as the folder name.

C:\Elect	ronicManuals				
🕴 File 🛛 Edit	: View Favorites Tools	; Help			
G Back	- 🕥 - 🍺 🔎	Search 😥 Folders	•		
🕴 Address 📔	C:\ElectronicManuals				
Folders ×	Name 🔺		Size	Туре	Date Modified
	DVD-RV31EN_SVC_selec	t_PASCUSER.exe	1,057 KB	Application	3/12/2003 7:31 AM
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6	Ň	ew folder name.			
G					
C I					

Open that folder to reveal the "SVC" folder.

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File Edit	: View Favorites	Tools Help				A.
G Back	- 🕤 - 🍺	🔎 Search	Folders			
Address 📔	C:\ElectronicManual	s\DVD-RV31EN	4			💌 🔁 Go
Folders ×	Name 🔺		Size	Туре	Date Modified	
s 🔥	🖻 svc			File Folder	3/12/2003 7:33 AM	

Open the "SVC" folder to display the subfolders that are named with the sections that were saved.

	4
Folders 🛄 🔻	
	🗸 🖂 🖓
Size Type	Date Modified
File Folder	3/12/2003 7:33 AM
File Folder	3/12/2003 7:33 AM
File Folder	3/12/2003 7:33 AM
	3/12/2003 7:33 AM
	Size Type File Folder File Folder

This is an example of the subfolders that are created based on the sections you chose to save in Step 8b. **Remember, your folders will most likely have different names based on the model number and the sections you saved.** The object now is to open the Table of Contents file with your browser. Open the first subfolder under "SVC" and look for a file named "PVAccel.html".

🗟 C:\Elec	tronicManuals\DVD-RV31EN\S	VC\3 Precaution	of Laser Diode		
File Ed	lit View Favorites Tools Help		/		
🚱 Bac	ck 🔹 🕥 🕤 🎓 👂 Search	Folders	<u>.</u> .		
Address [C:\ElectronicManuals\DVD-RV31E	N\SVC\3 Precaution	n of Laser Diode		👻 🌛 Go
Folders ×	Name 🔺	Size	Туре	Date Modified	2
~	@navigator.html	23 KB	HTML Document	3/10/2003 10:45 AM	
-	🙆 navigator_bac.html	24 KB	HTML Document	3/10/2003 10:45 AM	
	🔊 pana_r.gif	2 KB	GIF Image	1/30/2003 6:32 PM	
	PlistAccel596479.sgm	1 KB	SGM File	3/10/2003 10:45 AM	
	@PVAccel.html	1 KB	HTML Document	3/10/2003 10:45 AM	
	PVAccel.sgm	5 KB	SGM File	3/10/2003 10:45 AM	
8	Erv31en.html	11 KB	HTML Document	3/10/2003 10:45 AM	
	rv31en.sgm	20 KB	SGM File	3/10/2003 10:45 AM	
	🧃 s000000000.html	16 KB	HTML Document	3/10/2003 10:45 AM	
	🔲 s000000000.sgm	17 KB	SGM File	3/10/2003 10:45 AM	

Each subfolder that is created should have its own "PVAccel.html" file. When you double click on the correct file, your browser should open and provide the table of contents. You can then navigate your way through the document as if you were viewing it online.

C:\ElectronicManuals\DVD-RV31EN\SVC\3 Precaution of Laser Diode\rv31en.html - Microsoft Internet Explorer		
File Edit View Favorites Tools Help		
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Address C:\ElectronicManuals\DVD-RV31EN\SVC\3 Precaution of Laser Diode\rv31en.html	💙 🄁 Go	Links »
Table Of Contents		^
COVER The active sections will vary base		=
1 SAFETY PRECAUTIONS	e.	
1.1 GENERAL GUIDELINES		
1.1.1 LEAKAGE CURRENT COLD CHECK		
1.1.2 LEAKAGE CURRENT HOT CHECK (See Figure 1.)		
2 PREVENTION OF ELECTRO STATIC DISCHARGE (ESD) TO ELECTROSTATICALLY SENSITIVE (ES) DEVICES		
<u>3 Precaution of Laser Diode</u>		
4 General Description		
4.1 Operating instructions (DVD-RV31EN Only)		
4.2 Operating instructions (DVD-RV31PM/PX Only)		
5 Disassembling the Casing and Checking P.C.B.s		
5.1 Dissasembly Procedure		

10. If you have any questions related to the operation of this system, please contact your local Panasonic Field Representative.