Polaroid Digital Palette (GS)

The following pages explain how to use the Digital Palette desktop film recorder to produce full color, high-resolution slides of your Presentation Express graphics.

Before You Begin

Before you make slides or prints of your Presentation Express graphics with Polaroid's Digital Palette system, install the recorder and test it thoroughly. Make sure the Digital Palette configuration file is defined via the "DPalette" DOS environment variable (this specifies the path and name of the configuration file). See your Digital Palette manual for complete information.

When you are ready to print graphics, select **OUTPUT** from the main menu of Presentation Express, then select **DIGITAL PALETTE**. The first time you use this option, Presentation Express will automatically try to communicate with the film recorder through the computer's parallel port. If the film recorder is not attached or not turned on, your computer will beep several times and in less than 30 seconds you will receive a **"Device communications error"**. Press the spacebar and you will see the Digital Palette's main menu.

If the DIGITAL PALETTE option does not appear on your OUTPUT menu, see page 5-4 for instructions on how to add an output option to the menu. See the *Hardware/Software Installation Guide* for more information.

Using the Digital Palette Output Option

You will find that the menus of the Digital Palette output option are much like the other Presentation Express output options, with a few special features.

SHOOT GRAPHICS: Select this when you are ready to expose film and then select the graphic or batch of graphics you wish to image. Be sure that all the other settings in this output option are correct before

Polaroid Digital Palette (GS) *(continued)*

imaging (i..e. correct number of exposures). Also, film must be loaded in the camera.

Once the graphics have been imaged, examine any messages that may appear at the top of the screen in **"Device Status"** and **"Folder Status"**. If you receive an error message in the Device Status, this is from the film recorder. Refer to your Polaroid Digital Palette documentation concerning any message you may receive here.

OPTION MENU: Select this to specify which, of the following options, you want to use:

LIGHTEN/DARKEN COLORS: Select this to lighten or darken the exposure of the selected images. Choose from 1-Darkest to 7-Lightest. Normal is the default.

RED ADJUST: Select this to change the exposure of red. From 1-Darkest to 7-Lightest. Normal is the default.

GREEN ADJUST: Select this to change the exposure of green. From 1-Darkest to 7-Lightest. Normal is the default.

BLUE ADJUST: Select this to change the exposure of blue from 1-Darkest to 7-Lightest. Normal is the default.

NUMBER OF COPIES: Select this to set the number of copies you want of each graphic you have selected.

FULL FRAME: Select this to decide whether or not you want the entire frame of your output media exposed. This is dependent on whether you are using print or transparency material. If you are using slide media, this option is not relevant.

YES: Select this to change the aspect ratio to expose the entire frame. If you have circles or pie charts, you may not want to select this option because it will distort them.
NO: Select this so the aspect ratio will not change. Your output will have a black border along the top and bottom of the image.

Note: If you select FULL FRAME YES and you still see a black border around your graphics, you may have to adjust your camera setting. See your Polaroid Digital Palette documentation concerning this adjustment, which is done through the configuration software.

ADVANCE FILM: Select this to move the film ahead one exposure.

TYPE OF FILM: Select this to choose the type of film you want to use. The list of supported film types come from the Digital Palette's configuration file (DPALETTE.CFG). If Presentation Express does not find this file, it will read the list directly from your film recorder. The actual film types that **you may select** from the TYPE OF FILM list are dependent on the camera back that you currently have attached to your Digital Palette. Any film types that are "greyed out" are not applicable for the camera back that is currently attached to your film recorder.

Note: Automatic film types, i.e. Polaroid 339 or Presentation Chrome, will be ejected or advanced automatically by the film recorder. Other film types, i.e. Polaroid 669 or Polaroid 691 mini overhead transparency film, require you to manually pull out the film once it is exposed. Before pulling the film out, **be sure the LED light on the film recorder has stopped flashing.** If the film is pulled out too soon, the exposure will not be complete!

FILE CABINET: Select this if you need to specify the drive and cabinet location of the graphics to be printed.

COMMUNICATIONS SETUP: Select this to specify how your film recorder is attached to the computer. Note that this device is usually connected to a parallel port (i.e. LPT1 or LPT2).
　　1 - COM1: Select this to shoot to a film recorder attached to your computer's first serial communications port.
　　2 - COM2: Select this to shoot to a film recorder attached to your computer's second serial communications port.
　　3 - LPT1: Select this to shoot to a film recorder attached to your computer's first parallel communications port.
　　4 - LPT2: Select this to shoot to a film recorder attached to your computer's second parallel communications port.
　　5 - TO DATA FILE: Select this to output a batch of graphics as an output data file on disk. Once created, this file can be later sent

Polaroid Digital Palette (GS) (continued)

to your printer from DOS by using the correct DOS command (see your DOS manual or the *Hardware/Software Installation Guide*).

When using the TO DATA FILE option, after selecting SHOOT GRAPHICS and choosing the desired graphics, you will be asked to enter a DOS file name for the file you are about to make. The name can be up to eight characters in length, and can be followed by a three letter extension. If you wish, you can precede the name with a DOS directory path, so as to save it in a different location; otherwise, the file will be written into the **PX** directory.

NUMBER OF EXPOSURES: Select this to set the number of exposures (1-100) remaining in your camera. Make sure that this option is set correctly because imaging will be stopped if the number of exposures is 0.

RESOLUTION: Select this to specify one of three options that affect the quality of the output. 1200 produces high quality slides. 2048 produces higher quality slides. 4096 produces highest quality slides. As you increase the resolution, more memory and time is required to produce the output. Any options that are greyed out are not currently available with your film recorder.

Digital Palette Error Messages

"Device communications error!": The Digital Palette is not currently able to receive data. Be sure the recorder is attached to the computer and you have selected the right option from COMMUNICATIONS SETUP. Also, the film recorder may be warming up and will be ready in a few seconds.

Any message that begins with ERR is coming from the film recorder. Please read your Polaroid Digital Palette manual for more information on the error that you may be receiving.

Polaroid Digital Palette (WS)

The following pages explain how to use the Digital Palette desktop film recorder to produce full color, high-resolution slides of your Presentation Express graphics through the Polaroid Graphics Creator Card.

Before You Begin

Before you output your Presentation Express graphics with Polaroid's Digital Palette system, install the recorder and test it thoroughly. Make sure the Digital Palette configuration file is defined via the "DPalette" DOS environment variable. This specifies the path and name of the configuration file. See your Digital Palette manual for more information.

> **Note: When setting up the Digital Palette configuration file, you must have this film recorder connected to the computer's parallel port. The software will not recognize the GCC parallel port.**

When you are ready to print graphics, select **OUTPUT** from the main menu of Presentation Express, then select **POLAROID DPALETTE**.

Each Time You Enter This Output Option

Each time you use this option, Presentation Express will automatically try to communicate with the film recorder through the Graphics Creator Card's parallel port. If the film recorder is not attached or not turned on, your computer will beep several times and in approximately one minute you will receive a **"Device communications error"**. Press the spacebar and you will see the Polaroid Digital Palette's main menu.

If you receive a message:

> **Please remove film.**
> **Press any key to continue...**

on the screen as soon as you enter this output option, the last output job through this driver was to manual film. The last time you used this system, you may have left exposed film inside the film recorder which

Polaroid Digital Palette (WS) (continued)

needs to be removed. Please check to see if this is so. See the TYPE OF FILM option for more information concerning this message.

If the POLAROID DPALETTE option does not appear on your output menu, see page 5-4 for instructions on how to add an output option to the menu. See the *Hardware/Software Installation Guide* for more information.

Using the Polaroid Dpalette Output Option

You will find that the menus of the POLAROID DPALETTE output option are much like the other Presentation Express output options, with a few special features.

PRODUCE OUTPUT: Select this when you are ready to output.

FILE CABINET: Select this if you need to specify the drive and cabinet location of the graphics to be printed.

CANCEL ALL QUEUED GRAPHICS: Select this if you want to interrupt the printing of a batch of graphics that are queued for exposing. **Note: The Number of remaining exposures will be reset to include the graphics that were in the queue but not exposed. You only need to select this option once in order to cancel the batch. If you select this option more than once, the number of graphics in the queue will be added to the remaining exposures each time.**

OPTIONS: Select this to access the settings described below. These control how text will be rendered (TEXT RENDERING), the imaging resolution (OUTPUT RESOLUTION), how light or dark the output will be (LIGHTEN/DARKEN EXPOSURES), and how light or dark you may want certain colors to be (RED/GREEN/BLUE ADJUST).

    TEXT RENDERING: Select this to choose one of two available options for the printing of text in your graphics:

        NORMAL: Select this to have text printed on your slides just as it appears on your display screen.

BLACK BORDERS ON TEXT: Select this to have text printed in your slides using the actual colors, but with a black border around each character.

OUTPUT RESOLUTION: Select this to specify either 2000 LINES or 4000 LINES. 4000 LINES offers maximum resolution but takes longer to image than 2000 LINES. If the 4000 LINES option is greyed out, your film recorder does not support this option.

LIGHTEN/DARKEN EXPOSURES: Select this to lighten or darken the exposure of the selected images. Choose from 1 - Darkest to 7 - Lightest. Normal is the default.

Note: Your LIGHTEN/DARKEN EXPOSURES selection will "stick" until you change the film type or the resolution. You should make note of the various options that work best for you, especially if you commonly change between film types.

RED ADJUST: Select this to change the exposure of red. From 1-Darkest to 7-Lightest. Normal is the default.

GREEN ADJUST: Select this to change the exposure of green from 1-Darkest to 7-Lightest. Normal is the default.

BLUE ADJUST: Select this to change the exposure of blue from 1-Darkest to 7-Lightest. Normal is the default.

NO. OF COPIES: Select this to set the number of duplicates to be made of each graphic. You can specify up to 99 copies of each.

SETUP COMMUNICATIONS: Select this to specify whether you want to expose your graphics on the film recorder attached to the Graphics Creator Card's parallel port or to output them onto disk as a data file to output at a later time.

PARALLEL PORT: Select this if you want to print to the film recorder attached to the Graphics Creator Card.
DATA FILE: Select this to output a batch of graphics as an output data file on disk. Once created, this file can be later sent to your printer from DOS by using the correct DOS command (see your DOS manual or the *Hardware/Software Installation Guide*).

Polaroid Digital Palette (WS) *(continued)*

When using the DATA FILE option, after selecting PRO-
DUCE OUTPUT and choosing the desired graphics, you will
be asked to enter a DOS file name for the file you are about to
make. The name can be up to eight characters in length, and
can be followed by a three letter extension. If you wish, you
can precede the name with a DOS directory path, so as to save
it in a different location; otherwise, the file will be written into
the **PX** directory.

TYPE OF FILM: Select this to choose the type of film you want to
use. The list of supported film types comes from the Digital Palette's
configuration file (DPALETTE.CFG). If Presentation Express does not
find this file, it will read the list directly from your film recorder. The
film types that **you may select** from the TYPE OF FILM list are
dependent on the camera back that you currently have attached to your
Digital Palette. Any film types that are "greyed out" are not applicable
for the camera back that is currently attached to your film recorder.
Please note the following:

> **Automatic film types**: i.e. Polaroid 339, will be ejected or
> advanced automatically by the film recorder.
> **Manual film types**: i.e. Polaroid 669 or Polaroid 691 mini
> overhead transparency film, require you to manually pull out
> the film once it is exposed. Between the output of each
> graphic, you will receive the following message:

> **Please remove film.**
> **Press any key to continue...**

Remove the exposed film, then press a key for the processing
of the next graphic to begin. You must do this for each
graphic you want to output onto the manual film! Remember
this if you are planning on leaving this software and working
in other software packages while Presentation Express is still
imaging. If you enter this POLAROID DPALETTE output
option and you see the above message on the screen concern-
ing pulling out the film, then the last graphic that was sent to
the film recorder has finished exposing. Remove this exposed
film and press any key for the next graphic to begin exposing.

 # OF EXPOSURES: Select this to set the number of exposures remaining in the camera. If the remaining number of exposures reaches 0, you will receive a message:

> **It appears that after processing the current slides in the queue there will be no film left in the camera.**
> **Do you wish to continue queuing anyway?**

You should say NO, find out how many exposures you have remaining in the camera, enter this number in the # OF EXPOSURES, and begin to output these graphics again.

FULL FRAME: Select this to decide whether or not you want the entire frame of your output media exposed. This is dependent on whether you are using print or transparency material. If you are using slide media, this option is not relevant.

> **YES:** Select this to change the aspect ratio to expose the entire frame. If you have circles or pie charts, you may not want to select this option because it will distort them.
> **NO:** Select this so the aspect ratio will not change. Your output will have a black border along the top and bottom.

> > Note: If you select FULL FRAME YES and you still see a black border around your graphics, you may have to adjust your camera setting. See your Polaroid Digital Palette documentation concerning this adjustment, which is done through the configuration software.

Polaroid Digital Palette Error Messages

"Disk full, aborted": When outputting complex graphics or a large number of graphics, the Graphics Creator Card must use the hard disk for space. If there is not enough space for this, you will receive this message. This message will also occur when outputting to a file.

"Off Line": The Digital Palette is not currently able to receive data. Most likely, this is simply because the recorder is warming up, and will be ready in a few seconds. Also, make sure the printer is turned on.

Polaroid Digital Palette (WS) *(continued)*

If the Status box is blank, be sure that the Digital Palette has not become disconnected.

If an error message appears that is not mentioned above, it may be a message coming directly from your film recorder. Error messages from the film recorder are explained in the Polaroid Digital Palette documentation.